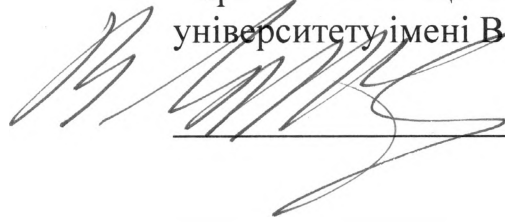


ЗАТВЕРДЖУЮ

Голова Вченої ради
Харківського національного
університету імені В.Н. Каразіна



В.С. Бакіров

РІШЕННЯ

Вченої ради Харківського національного університету імені В.Н. Каразіна
з питання: «Про затвердження Річного звіту про виконання критеріїв надання
та підтвердження статусу національної о»
від 22 квітня 2019 року, протокол №5

Заслухавши та обговоривши інформацію проректора з науково-педагогічної роботи Пантелеймонова А.В., Вчена рада ухвалює:

1. Затвердити Річний звіт про виконання Харківським національним університетом імені В.Н. Каразіна критеріїв надання та підтвердження статусу національного за 2018 рік.
2. Подати звіт у паперовій формі та електронному вигляді до Національного агентства із забезпечення якості вищої освіти.
3. Розмістити звіт на офіційному сайті Харківського національного університету імені В.Н. Каразіна.

Відповідальні: Маркова Т.О., Фоломєєв М.А.

Термін: до 30 квітня 2019 р.

**РІЧНИЙ ЗВІТ
ПРО ВИКОНАННЯ КРИТЕРІЇВ НАДАННЯ ТА ПІДТВЕРДЖЕННЯ
СТАТУСУ НАЦІОНАЛЬНОГО**

Повна назва національного закладу вищої освіти
Харківський національний університет імені В.Н. Каразіна

Код ЄДРПОУ
02071205

Код ЄДЕБО
62

Присвоєння статусу національного (дата та реквізити відповідного акту
*Указ Президента України №1313/99 від 11 жовтня 1999 року,
код нормативного акту: 11693/1999*

Адреса офіційного веб-сайту Харківського національного університету імені В.Н.Каразіна
<http://www.univer.kharkov.ua/>

Звітний період
Річний звіт – 2018 рік

I. Повідомлення про виконання обов'язкових критеріїв надання та підтвердження статусу національного закладу вищої освіти

1. Харківський національний університет імені В.Н. Каразіна виконує Закони України «Про освіту» та «Про вищу освіту», виконує Ліцензійні умови провадження освітньої діяльності закладів освіти (дотримується кадрових вимог щодо забезпечення освітньої діяльності, технологічних вимог щодо матеріально-технічного, інформаційного, навчально-методичного забезпечення освітньої діяльності, соціально-побутової інфраструктури; виконує організаційні вимоги щодо провадження освітньої діяльності у сфері вищої та післядипломної освіти для осіб з вищою освітою).

2. На виконання Законів України «Про освіту» та «Про вищу освіту», ґрунтуючись на принципах, що викладені у «Стандартах і рекомендаціях щодо забезпечення якості в Європейському просторі вищої освіти» Європейської асоціації із забезпечення якості вищої освіти і національному стандарті України «Системи управління якістю. Вимоги» з 2014 до 2017 року включно в університеті розроблено 27 документів, які регламентують діяльність університету: Положення про систему забезпечення якості вищої освіти (систему внутрішнього забезпечення якості), Положення про організацію освітнього процесу, Положення про планування роботи, звітування й оцінювання науково-педагогічних працівників, Статут університету, Стратегія розвитку ХНУ імені В. Н. Каразіна на 2019-2025 роки тощо. Відповідно до міжнародного стандарту ISO 9001:2015 в університеті 14.11.2016 року було створено Управління якості освіти та Навчальний центр менеджменту якості та моніторингу освітнього процесу.

Результатом роботи стали розробка і впровадження системи управління якістю освітньої та наукової діяльності відповідно до вимог міжнародного стандарту ISO 9001:2015 і ДСТУ ISO 9001:2015 IDT «Системи управління якістю. Вимоги» та отримання ХНУ імені В. Н. Каразіна 27 червня 2017 року сертифіката відповідності міжнародному

стандарту ISO 9001:2015 «Системи управління якістю. Вимоги» від німецької компанії TÜV Rheinland Cert GmbH.

Університет дотримується основних принципів ISO 9001:2015: орієнтація закладу на досягнення найвищої якості освітніх послуг та максимальне задоволення нормативних вимог і потреб замовників: студентів, їхніх батьків, роботодавців, державних органів та суспільства в цілому; демонстрація прозорості управління діяльністю організації, механізмів постійного поліпшення системи менеджменту якістю та підвищення ефективності роботи співробітників на всіх рівнях.

Система забезпечення якості вищої освіти (систему внутрішнього забезпечення якості) Харківського національного університету імені В. Н. Каразіна передбачає здійснення таких процедур і заходів:

- удосконалення планування освітньої діяльності: затвердження, моніторинг і періодичний перегляд освітніх програм;
- підвищення якості контингенту здобувачів вищої освіти;
- посилення кадрового потенціалу університету;
- забезпечення наявності необхідних ресурсів для організації освітнього процесу та підтримки здобувачів вищої освіти;
- розвиток інформаційних систем з метою підвищення ефективності управління освітнім процесом;
- забезпечення публічності інформації про діяльність університету;
- створення ефективної системи запобігання та виявлення академічного плагіату в наукових працях працівників вищих навчальних закладів і здобувачів вищої освіти;
- участь університету в національних та міжнародних рейтингових дослідженнях вищих навчальних закладів.

Стандарти організації

що описують процеси системи управління якістю освітньої і наукової діяльності

№ з/п	Процес управління якістю	Назва документу	Реквізити документу
1	Управління СУЯ, внутрішнім аудитом та розробкою коригувальних дій	Настанова з якості ХНУ імені В. Н. Каразіна	Наказ ректора № 0204-1/344 від 11.09.2017
2		Політика ХНУ імені В.Н. Каразіна у сфері якості на 2017–2020 роки	Наказ ректора № 0204-1/344 від 11.09.2017
3		Стратегічні цілі ХНУ імені В. Н. Каразіна в сфері якості на 2017–2020 роки	Наказ ректора № 0201-1/524 від 14.11.2016
4		Цілі ХНУ імені В. Н. Каразіна у сфері якості на 2018/2019 навчальний рік	Наказ ректора № 0204-1/441 від 26.09.2018
5		Порядку проведення внутрішніх аудитів системи управління якістю та здійснення коригувальних і запобіжних дій у ХНУ імені В. Н. Каразіна	Наказ ректора № 0204-1/344 від 11.09.2017
6		Про систему забезпечення якості вищої освіти (систему внутрішнього забезпечення якості) ХНУ імені В. Н. Каразіна	Наказ ректора № 0501-1/283 від 08.07.2015
7	Управління документами та записами	Інструкція з діловодства в ХНУ імені В. Н. Каразіна	Наказ ректора № 0102-1/134 від 05.07.2012
8	Здійснення прийому студентів	Правила прийому ХНУ імені В. Н. Каразіна	Наказ ректора №0110-1/038 від 01.02.2019
		Положення про приймальну комісію ХНУ імені В. Н. Каразіна.	Наказ ректора № 0110-1/537 від

			26.12.2017
9	Організація освітнього процесу	Положення про організацію освітнього процесу ХНУ імені В. Н. Каразіна	Наказ ректора № 0202-1/155 від 21.04.2017 (№0211-1/342 від 10.07.2018)
10		Положення про порядок реалізації учасниками освітнього процесу ХНУ імені В. Н. Каразіна права на академічну мобільність	Наказ ректора № 0901-1/519 від 28.12.2015
11		Положення про проведення практики студентів Харківського національного університету імені В.Н. Каразіна	Наказ ректора № 0202-1/145 від 04.04.2018
12		Положення про організацію позаосвітньої діяльності зі студентами ХНУ імені В. Н. Каразіна	Наказ ректора №0211-1/373 від 02.04.2017 (№0211-1/373 від 02.10.2017)
13	Організація наукової діяльності	Положення про систему запобігання та виявлення академічного плагіату у наукових та навчальних працях працівників і здобувачів вищої освіти ХНУ імені В. Н. Каразіна	Наказ ректора № 0201-1/146 від 18.04.2017
14		Положення про організацію наукової та науково-технічної діяльності у ХНУ імені В.Н. Каразіна	Наказ ректора № 0304-1/101 від 28.03.2017
15	Аналіз ступеня відповідності випускників ОПП та вимогам роботодавців, Управління послугами невідповідної якості	Положення про порядок створення та організацію роботи Екзаменаційної комісії для атестації здобувачів вищої освіти, які отримують ступінь бакалавра, магістра ХНУ імені В. Н. Каразіна	Наказ ректора № 0202-1/215 від 03.06.2015 (№0204-1/263 від 18.05.2018)
16		Порядок проведення перевірки наукових праць, навчальних видань та дипломних робіт (проектів працівників та здобувачів вищої освіти на наявність запозичень з інших документів	Наказ ректора №0201-1/145 від 18.04.2017 (№0204-1/263 від 18.05.2018)
17	Здійснення кадрового забезпечення	Положення про порядок обрання та прийняття на роботу науково-педагогічних працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0101-1/497 від 04.12.2017 (№0114-1/517 від 02.11.2018)
18		Положення про планування роботи, звітування науково-педагогічних працівників ХНУ імені В. Н. Каразіна	Наказ ректора №0202-1/334 від 02.07.2018
19		Положення про оцінювання педагогічних працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0501-1/424 від 09.11.2015
20		Положення про оцінювання наукових працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0301-1/508 від 21.12.2015
21		Порядок визначення рейтингів науково-педагогічних працівників ХНУ імені В. Н. Каразіна	Наказ ректора № 0501-1/341 від 10.07.2018
22		Положення про визначення рейтингу	Наказ ректора

		кафедр ХНУ імені В. Н. Каразіна	№ 0201-1/281 від 06.06.2016
23	Забезпечення інфраструктури та робочого середовища	Положення про систему управління охороною праці в ХНУ імені В. Н. Каразіна	Наказ ректора № 0108-1/164 від 07.11.2008
24		Положення про порядок проведення навчання та перевірку знань з питань охорони праці ХНУ імені В. Н. Каразіна	Наказ ректора № 0108-1/126 від 04.08.2005
25		Порядок супроводу (надання допомоги) осіб з інвалідністю та інших маломобільних груп населення у ХНУ імені В. Н. Каразіна	Наказ ректора №0211- 1/290 від 31.05.2018
26	Інформаційно- бібліотечне забезпечення	Положення про формування фондів ЦНБ ХНУ імені В. Н. Каразіна	Наказ ректора № 0305-1/050 від 12.03.2012
27		Положення про електронний архів рідкісних видань і рукописів для науки та освіти (ескрипторіум)	Наказ ректора № 0305-1/72 від 10.04.2012
28		Положення про електронний архів (інституційний репозитарій)	Наказ ректора № 0305-1/572 від 02.12.2016
29		Правил користування ЦНБ	Наказ ректора № 0305-1/124 від 10.05.2015
30		Положенням про порядок підготовки матеріалів призначених для відкритого опублікування ХНУ імені В. Н. Каразіна	Наказ ректора № 0402-1/215 від 24.12.2009
31	Видання наукової, навчальної, навчально- методичної літератури	Положенням про порядок підготовки та тиражування навчальних і наукових видань	Наказ ректора №0208- 1/115 від 03.04.2017
32	Інформаційне- технічне забезпечення	Положенням про інформаційний супровід веб-ресурсів ХНУ імені В. Н. Каразіна	Наказ ректора № 0124-1/123 від 11.06.2012
33		Положенням про корпоративну електронну пошту ХНУ імені В. Н. Каразіна	Наказ ректора № 0124-1/037 від 12.02.2013

3. У Харківському національному університеті імені В.Н. Каразіна відсутні виявлені раніше порушення Ліцензійних умов провадження освітньої діяльності закладів освіти.

4. Наявність єдиного інформаційного середовища **Харківського національного університету імені В. Н. Каразіна**, в якому відбувається забезпечення автоматизації основних процесів діяльності.

Єдине інформаційне середовище Харківського національного університету імені В. Н. Каразіна забезпечує автоматизацію основних процесів управлінської, освітньої, наукової та фінансово-господарчої діяльності.

4.1. Для забезпечення управління освітнім процесом використовують програмний комплекс «Єдина Державна Електронна База з питань освіти» (ЄДЕБО), за допомогою якого здійснюються облік абітурієнтів і супровід вступної кампанії, облік контингенту здобувачів вищої освіти та науково-педагогічних працівників, формування документів про освіту, ліцензій на провадження освітньої діяльності.

Окремо використовують: online-систему звітування науково-педагогічних та наукових працівників; електронну форму реєстрації студентів на вибіркові міжфакультетські дисципліни.

У ХНУ імені В. Н. Каразіна електронне дистанційне навчання організовано на базі LMS Moodle. Система управління навчанням (LMS – Learning Management System) дозволяє виконувати такі функції:

- доставка інформації – електронний підручник, презентації, тематики форумів, контрольних та курсових робіт, календарний план вивчення дисципліни, критерії оцінок виконаних завдань, список літератури, оголошення, посилання, в тому числі і на відкриті освітні ресурси;
- комунікації – через форум, електронну пошту, чат;
- організація групової (форум, вікі-сторінки) й індивідуальної (обмін файлами) роботи студентів;
- контроль знань за допомогою тестування (тест-самоперевірка, тест-іспит).

На сьогодні Центр електронного навчання Інституту післядипломної освіти та заочного (дистанційного) навчання має Банк web-ресурсів, який складається з 1 167 дистанційних курсів, які використано на заочній та денній формах навчання, здійснює навчання викладачів роботі з LMS Moodle. На базі LMS Moodle версії 2.8 реалізується система забезпечення моніторингу якості освіти, запуск програми «Ректорський контроль знань на базі платформи MOODLe Каразінського університету».

Центр електронного навчання відкрив та працює на каналі на YouTube Karazin Universarium, на якому розміщені презентаційні відеолекції провідних викладачів Університету, а також власний канал Інституту ELearningOpenKarazin.

4.2. В університеті впроваджено систему запобігання та виявлення академічного плагіату в наукових та навчальних працях співробітників і здобувачів вищої освіти. Для перевірки дипломних і дисертаційних робіт використовують антиплагіатну інтернет-систему Strikeplagiarism.com (власність компанії Plagiat.pl).

4.3. З метою інформаційно-бібліотечного забезпечення навчальної та наукової роботи у Центральній науковій бібліотеці впроваджено сучасну АІБС Absotheque Unicode на необмежену кількість робочих місць із модулем електронного замовлення AbsOPAC, що дало змогу створити потужну систему автоматизованого обслуговування. Розвивається Електронна бібліотека, до складу якої входять: електронний каталог із посиланнями до повнотекстових документів; електронний архів (репозитарій) публікацій учених університету – eKhNUIR; електронний архів eScriptorium із повнотекстовими ресурсами рідкісних і цінних видань; світові БД в online-доступі з усіх комп'ютерів університету: наукометричні – Scopus, Web of Science та повнотекстові бази даних іноземних та вітчизняних видавництв: CUL Online, EBSCO, Cambridge University Press, Institute of Physics Publishing, Royal Society Publ., Oxford University Press, SpringerNature; web-сайт бібліотеки (<http://www-library.univer.kharkov.ua/ukr/>); колекція на CD і DVD-дисках.

Електронний каталог (понад 1 400 000 прим.) (<http://library.univer.kharkov.ua/OpacUnicode/index.php?lang=ua>) з електронним замовленням документів, функціонує з цілодобовим доступом через мережу Інтернет. Щорічно поповнюється більше ніж на 60 000 записів. ЦНБ забезпечує супровід двох великих баз даних – електронного архіву праць учених (репозитарій) університету eKhNUIR (<http://dspace.univer.kharkov.ua/?locale=uk>) та електронного архіву рідкісних видань і рукописів для науки та освіти eScriptorium (<http://escriptorium.univer.kharkov.ua/?locale=uk>), створює Архів оцифрованих періодичних

видань із фондів ЦНБ Karazin.Back2News з можливістю пошуку за текстами (<http://karazin.back2news.org/>).

Електронні бази даних, доступ до яких надавався ЦНБ у режимі онлайн

Назва	Зміст
SCOPUS	Найбільша в світі наукометрична бібліографічна та реферативна база даних та інструмент для відстеження цитуєності статей, опублікованих у наукових виданнях.
Web of Science	Одна з найбільших реферативних баз даних, яка пропонує науковцям, викладачам й студентам швидкий доступ до якісної міждисциплінарної релевантної інформації. Охоплює понад 50 мільйонів записів з 12,5 тис. найбільш впливових журналів зі всього світу та 120 тис. матеріалів конференцій у галузі природничих, суспільних, гуманітарних наук та мистецтва.
EBSCO host	12 тематичних баз, що включають повні тексти з понад 10000 назв англomовних журналів з усіх галузей знань.
База даних компанії East View «Издания по общественным и гуманитарным наукам»	20 провідних періодичних публікацій видавництва «Наука» з історії, соціології, філології, філософії, економіки тощо.
Журнали Королівського хімічного товариства (Royal Society of Chemistry)	Понад 40 назв журналів одного з найвідоміших видавців літератури з хімії.
Журнали Американського фізичного товариства (American Physical Society)	Провідні наукові журнали з фізики з високим рівнем цитування.
CUL Online	Онлайн бібліотека навчальної літератури – понад 760 україномовних навчальних посібників та підручників, рекомендованих МОН України, з економічних, гуманітарних та природничих наук.
Журнали Cambridge University Press	384 журнали з прикладних наук, бізнесу, менеджменту, геонаук, гуманітарних наук, медицини, фізичних наук, математики, соціальних наук.
Журнали Royal Society Publishing	11 наукових видань з природничих наук і математики, серед яких всесвітньо відомі Philosophical Transactions A&B, що видаються з 1665 року.
Журнали Institute of Physics Publishing	114 журналів - атомна, молекулярна, оптична, математична фізика, біофізика, напівпровідники, надпровідність, експериментальне обладнання тощо.
Журнали SpringerNature	Мультидисциплінарна колекція з 2211 наукових журналів міжнародного видавництва Springer.
Журнали Oxford University Press	Одна з найбільших й поважних колекцій академічних журналів з різних галузей знань – публікації Оксфордського університетського видавництва. Понад 300 журналів мають високий рейтинг у світовій науці та охоплюють природничі науки, математику, гуманітарні та соціальні науки, економіку та фінанси, юриспруденцію, особливо цінні в колекції видання з

	біології та медицини.
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Віртуальні бази даних бібліотеки Міжнародної інформаційної служби Департаменту США «eLibrary USA» - 9 баз (у Центрі «Вікно в Америку»)	
Academic OneFile	Доступ до повнотекстових статей з майже 8 000 наукових журналів
JSTOR	Повнотекстові статті з соціальних наук, економіки та історії з 850 академічних журналів
ProQuest Dissertations & Theses Database	База даних вміщує понад 1,5 млн. дисертацій та рефератів з 700 університетів
Research in Context	Статті за темою дослідження з більш ніж 1200 журналів і газет
PressReader	Понад 400 американських та міжнародних газет і журналів
Flipster	17 цифрових журналів про поточні події, культуру США та зовнішню політику
Digital Literacy	Пов'язані з інтернетом теми щодо соціальних мереж, кіберзалякування, конфіденційність, дослідницькі навички та інструменти а також ігри
Opposing Viewpoints in Context	Статті з понад 1700 газет і журналів
American History In Video	Колекція з понад 600 відео та документів з історії США з видавництва Alexander Street Press
Тестовий доступ	
POLPRED.com	Моніторинг промисловості та послуг за кордоном, огляд преси та повні тексти повідомлень провідних інформаційних агенцій тощо
Ebrary: Academic Complete Collection	Багатопрофільна база даних, яка містить понад 44 тис. назв цифрових книг
Бази даних EastView	Повнотекстові та реферативні бази даних компанії EastView
Бази даних Китаю	Наукові ресурси від компанії EastView
Annual Reviews Science Collection	Наукові щорічники з біомедицина, науки про життя, фізичні та суспільні науки
Ovid	Ресурси з медицини від компанії Ovid
Euromonitor	БД з аналізу світового ринку
ProQuest	Дисертації та автореферати з різних галузей знань, БД з біології та охорони здоров'я
EBSCO eBooks	Електронні книги з різних галузей знань
World eBook Library	Найбільша в світі колекція електронних книжок та документів, яка пропонує понад 2 мільйони назв та 23 тис. аудіо книжок
Market Research Monitor	Он-лайн-колекція з 10000 звітів про ринкові дослідження спеціалістів Euromonitor International
Електронно-бібліотечна система IPRbooks	Комплексний ресурс, що містить більш ніж 5 000 видань освітнього та наукового характеру з права, економіки, гуманітарних наук
Електронна бібліотека видавничого дому "Гребенников"	25 спеціалізованих журналів з маркетингу, реклами, менеджменту, фінансів, управління персоналом тощо
MathSciNet	База даних оглядів, рефератів та бібліографічної інформації Американського математичного товариства
Multi-Science	29 журналів, що заповнюють пробіли в науковій літературі та відповідають викликам технологічного розвитку на межі

	виникнення нових дисциплін
Програма TurnItIn	Функції антиплагіату для викладачів та студентів
Oxford Scholarship Online	Бібліотека, яка пропонує майже 7000 електронних академічних монографій і популярних книг у 18 різних колекціях з різних галузей знань
Encyclopaedia Britannica	Визнаний дослідницький ресурс для студентів, викладачів та наукових співробітників
"БиблиоРоссика"	Електронна бібліотека наукової, навчальної та художньої літератури, що включає майже 2500 книг переважно гуманітарного профілю
<u>Mary Ann Liebert Publishing</u>	Інтегрована база даних, що містить матеріали з медицини, біології, науки про довкілля
ACM Digital Library	Архів Асоціації обчислювальної техніки (США), який містить повнотекстову та бібліографічну наукову інформацію з обчислювальної техніки, інженерної справи, математики та комп'ютерних наук
Behavioral Science journals	Журнали з психології, біології тощо
SciFinder	Ресурс від CAS (Chemical Abstracts Service), підрозділу Американського хімічного товариства, найпотужніша світова база даних інформації з хімії
Проект «Access to Research for Development (ARDI)»	Наукові журнали та монографій від провідних видавництв світу: American Institute of Physics; Elsevier; Institute of Physics; John Wiley & Sons; Oxford University Press; Nature Publishing Group; Sage; Springer; Cambridge UP, Taylor & Francis
BioOne	Журнали з біології, екології та питань охорони навколишнього середовища
McGraw-Hill eBook Library	База електронних книжок, об'єднаних в тематичні колекції: бізнес, медицина, інженерні та комп'ютерні науки, відкрита університетська преса, посібники для студентів
Електронний ресурс Access Medicine від видавництва McGraw-Hill	Спеціалізовані медичні ресурси (Anesthesiology, Surgery, Pediatrics, Pharmacy, Emergency Medicine, Physiotherapy). База даних включає більше 70 кращих підручників з медицини, а також містить більш ніж 50 тис. зображень, відео-матеріалів, інформацію про інструменти діагностики та лікувальні засоби
New England Journal of Medicine	Щотижневий журнал, який публікує як нові результати медичних досліджень, оглядові статті, звіти, так і редакційну думку з широкого кола питань, важливих для біомедичної науки та клінічної практики
IMF eLibrary	Онлайн-доступ до повної колекції авторитетного світового економічного контенту опублікованого Міжнародним валютним фондом (МВФ)
Pediatric Neurology Briefs	Провідний щомісячний журнал з питань дитячої неврології
Електронний ресурс Access Medicine від видавництва McGraw-Hill	Спеціалізовані медичні ресурси (Anesthesiology, Surgery, Pediatrics, Pharmacy, Emergency Medicine, Physiotherapy). База даних включає більше 70 кращих підручників з медицини, а також містить більш ніж 50 тис. зображень, відео-матеріалів, інформацію про інструменти діагностики та лікувальні засоби
<u>ProQuest Dissertations & Theses Global</u>	Найповніша повнотекстова колекція докторських (PhD) і магістерських дисертацій у світі. У PQDT відображено 3.5 млн.

(PQDT)	дисертацій, понад 1.5 млн
JSTOR	Цифрова бібліотека провідних наукових журналів (понад 2500 назв). Доступні міждисциплінарні і профільовані колекції: економіка, екологія, історія, психологія, політологія, соціологія, біологія, охорона здоров'я, математика та статистика, освіта, право, суспільна політика та управління, філософія тощо
Royal Society Publishing	Доступ до міжнародних повнотекстових наукових журналів видавництва Лондонського Королівського товариства: Royal Society Open Science, Open Biology, Biology Letters, Journal of the Royal Society Interface, Interface Focus, Proceedings A, Proceedings B Philosophical Transactions A and Philosophical Transactions B, Notes and Records
Hein Online	Правнична база даних, що надає доступ до документів з історії права. Вона містить повнотекстовий доступ до більше ніж 2000 назв наукових юридичних журналів, а також повне зібрання стенограм засідань Конгресу США
SpringerLink від Springer Science+Business Media	Повнотекстовий доступ до більше ніж 2200 рецензованих наукових журналів із STM (Science, Technology, Medicine), бізнесу та менеджменту, соціальних наук, наук про життя
Wiley Online Library	Wiley - одна з найбільших світових видавничих компаній, що публікує 1500 рецензованих журналів. Тематично база охоплює 104 категорії, серед яких бізнес, економіка, фінанси та бухгалтерський облік, інформатика та інформаційні технології, гуманітарні науки, право та кримінологія, математика і статистика, медицина, соціальні науки та ін
PressReader	Ресурс містить цифрові копії понад 5000 найменувань газет та журналів. На ресурсі представлена преса зі 100 країн світу 60 мовами
SAGE	Провідне міжнародне видавництво, що видає понад 650 журналів і 800 книг в галузях: науки про здоров'я, медико-біологічні науки та науки про життя, матеріалознавство та інжиніринг, суспільні та гуманітарні науки
Bibliotech	Підручники з хімії для внз на платформі OUP
OECD iLibrary	Електронна бібліотека Організації економічного співробітництва та розвитку (ОЕСР). Понад 10 000 електронних книг, 46 530 розділів, майже 120 000 таблиць і графіків, 5 000 статей, 5 мільйонів одиниць даних із 42 баз даних, що сягають 1960-х років та охоплюють понад 80 країн
De Gruyter	Колекція електронних книжок німецького наукового видавництва DE GRUYTER - близько 1600 назв наукових видань з 28 предметних галузей.

4.4. У ХНУ імені В. Н. Каразіна впроваджено автоматизований облік працівників та аналіз руху персоналу, підготовку і реєстрацію кадрових наказів, розробку штатного розпису з використанням комп'ютерної системи «Інформаційна Аналітична Система Управління Фінансовими Ресурсами Міністерства освіти і науки України» (ІАСУ ФР МОНУ).

4.5. Система автоматизації управління фінансово-господарчою діяльністю університету використовує мережевий програмний комплекс АРМ «Базис», який складається з таких підсистем:

1. «Монітор управління»;
2. «Баланс»;
3. «Банк»;
4. «Каса»;
5. «Підзвітні особи»;
6. «Дебітори-кредитори»;
7. «Заробітна плата»;
8. «Стипендія»;
9. «Основні засоби»;
10. «Матеріали»;
11. «Облік податкових накладних»;
12. «Оренда»;
13. «Оплата гуртожитку».

До системи автоматизації управління адміністративно-господарчою діяльністю університету також входять такі програмні продукти:

- web-портал «ДП Інформаційно-обчислювальний центр Міністерства соціалістики України» (веб-технологія);
- web-портал «е-звітність» (веб-технологія) – система подання електронної звітності клієнтами ДКСУ;
- «М.Е.Дос» (мережева версія) – система формування та подання до органів державної податкової служби засобами телекомунікаційного зв'язку податкової звітності та інших документів;
- «ЛІГА:ЗАКОН ЕЛІТ» (мережева версія, клієнт-сервер) – нормативна база для бухгалтерів, економістів, юристів, кадровиків;
- ПЗ «Автоматизована система звітності бюджетних установ» або «Форма 7» – автоматизована система звітності бюджетних установ (форма 7, 7.1);
- ІОС ДКСУ «Мережа установ, підприємств та організацій, які отримують кошти з Державного бюджету України» (локальна версія 9.02) – Інформація про мережу підприємств та організацій, які одержують кошти з Державного бюджету України»;
- «Формування зведеного кошторису доходів і видатків у розрізі підвідомчих установ, підприємств та організацій по територіях» – формування зведеного кошторису доходів і видатків у розрізі підвідомчих установ, підприємств та організацій по територіях.

5) У 2018 році університет мав понад 100 сайтів, що репрезентують його діяльність та забезпечують інформаційну підтримку залучення абітурієнтів, освітнього, виховного та наукового процесів.

Серед них – веб-сайти університету, Вченої ради, вступної кампанії, наукової періодики, онлайн-енциклопедії, Центральної наукової бібліотеки, факультетів, кафедр, науково-дослідних інститутів, інших підрозділів і різноманітних проектів.

Веб-сайт Каразінського університету існує в мережі Інтернет з 2008 року. Ресурс пройшов низку етапів розбудови. На сьогодні веб-сайт є повноцінним інформаційним ресурсом, що висвітлює історичні віхи та сучасність університету.

На офіційному веб-сайті університету розміщується вся необхідна обов'язкова інформація, передбачена законодавством. Інформаційне наповнення веб-ресурсів університету здійснюється відповідно до положень закону «Про вищу освіту». Репрезентовано матеріали, присвячені освітній та науковій роботам, фінансовій (кошторис, звіт про використання та надходження коштів, інформація щодо проведення тендерних процедур), адміністративно-господарчій діяльності та кадровим питанням (штатний розпис, вакантні посади) тощо. Окрім цього, систематичним є проведення моніторингу виконання встановлених вимог у контексті відкритості діяльності університету.

Веб-сайт функціонує у трьох мовних версіях: українська, англійська, російська та відповідає комунікаційній і PR стратегії університету, що створює комплексний позитивний імідж Каразінського, підвищує впізнаваність та лояльність представників внутрішньої та зовнішньої громадськості до бренду університету, забезпечує розвиток академічних обмінів і партнерства та популяризацію університету шляхом представлення його академічного потенціалу у веб-середовищі.

За 2018 рік на веб-сайті оприлюднено майже 2 600 анонсів і новин, підготовлено та розміщено 208 фоторепортажів та 75 відеорепортажів щодо ключових подій у житті університету.

Згідно з даними веб-аналітичних систем, у 2018 році веб-сайт університету відвідали понад 427 тис. користувачів, здійснивши майже 2,6 млн переглядів.

Згідно з останніми результатами рейтингу Webometrics Ranking of World Universities Харківський національний університет імені В. Н. Каразіна посідає п'яте місце серед більш ніж 300 українських вищих навчальних закладів та 2 278 місце – з-поміж майже 22 тисяч університетів світу.

Для інформаційного супроводу вступної кампанії в інтернет-середовищі функціонує спеціалізований веб-сайт «Абітурієнт Каразінського» (start.karazin.ua), який відвідали за 2018 рік понад 135 000 користувачів, здійснивши майже 2 млн переглядів. На веб-сайті розміщено всю необхідну для вступу інформацію: Правила прийому з усіма додатками, анотації освітніх програм за всіма освітніми рівнями підготовки з переліком вступних випробувань та предметів зовнішнього незалежного оцінювання тощо. Працює веб-сайт «International Applicants» (start.karazin.ua/international), де розміщено необхідну для вступу інформацію для іноземних громадян та осіб без громадянства.

На веб-сайті Вченої ради університету представлено інформацію щодо основних документів, які ухвалюються Вченою радою та регламентують діяльність університету, а також матеріали про постійні комісії Вченої ради, склад Вченої ради, почесних докторів та заслужених працівників університету, перелік ключових подій у рамках діяльності Вченої ради.

Результати наукової роботи університету репрезентовано в інтернет-просторі, зокрема за допомогою веб-сайту «Наукова періодика Каразінського університету». На поточний момент на веб-сайті репрезентовано 46 періодичних видань, що містять 538 випусків та майже 10 300 статей.

У 2018 році запроваджено видавничу платформу Open Journal System 3 (використовується веб-сайтом «Наукова періодика Каразінського університету»), що містить вдосконалення та нові функції, розроблені на основі відгуків, різноманітних тестувань зручності використання та нових можливостей програмного забезпечення.

Таблиця 1. Оприлюднення інформації на офіційному веб-сайті Харківського національного університету імені В.Н. Каразіна

Назва документа або вид інформації	Нормативний акт, який передбачає оприлюднення документа або інформації	Посилання на документ або інформацію на офіційному веб-сайті закладу вищої освіти
Статут (інші установчі документи)	ч. 3 ст. 79 Закону України «Про вищу освіту», ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/docs/statute/uk-statut2018.pdf
Документи закладу вищої освіти, якими регулюється порядок здійснення освітнього процесу	ч. 3 ст. 79 Закону України «Про вищу освіту»	http://www.univer.kharkov.ua/ua/general/docs/quality http://www.univer.kharkov.ua/ua/study/study_organization
Інформація про	ч. 3 ст. 79 Закону України	http://www.univer.kharkov.ua/ua/general

структуру та склад керівних органів	«Про вищу освіту», ч. 2 ст. 30 Закону України «Про освіту»	ral/rectorat_c http://www.univer.kharkov.ua/ua/general/structure
Кошторис закладу вищої освіти та всі зміни до нього	ч. 4 ст. 79 Закону України «Про вищу освіту»	http://www.univer.kharkov.ua/ua/general/docs/budget
Звіт про використання та надходження коштів	ч. 4 ст. 79 Закону України «Про вищу освіту»	http://www.univer.kharkov.ua/docs/work/balance-zvit-2019.pdf
Інформацію щодо проведення тендерних процедур	ч. 4 ст. 79 Закону України «Про вищу освіту»	http://www.univer.kharkov.ua/docs/work/doporog-zakupivli-org.pdf http://www.univer.kharkov.ua/docs/work/plan_zakupki2019-7.pdf http://www.univer.kharkov.ua/ua/general/docs/state_purchase
Штатний розпис	ч. 4 ст. 79 Закону України «Про вищу освіту»	http://www.univer.kharkov.ua/docs/work/staffingtable20180901.pdf
Ліцензія на провадження освітньої діяльності	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/docs/work/license-edbo13112018-7.pdf
Сертифікати про акредитацію освітніх програм, сертифікат про інституційну акредитацію (за наявності)	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/general/docs/certificates
Освітні програми, що реалізуються в закладі освіти, та перелік освітніх компонентів, що передбачені відповідною освітньою програмою	ч. 2 ст. 30 Закону України «Про освіту», п. 2 наказу МОН України від 30 жовтня 2017 р. № 1432, зареєстрованого у Міністерстві юстиції України 21 листопада 2017 р. за № 1423/31291.	http://start.karazin.ua/programs/5 http://start.karazin.ua/programs/7 http://start.karazin.ua/programs/8
Ліцензований обсяг та фактична кількість осіб, які навчаються у закладі освіти	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/docs/work/license-edbo13112018-7.pdf http://www.univer.kharkov.ua/docs/work/zvit_rektora_2018.pdf сторінка 29
Мова (мови) освітнього процесу	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/docs/work/zastosuvannya-derzh-movy-0501-1-333.pdf
Наявність вакантних посад, порядок і умови проведення конкурсу на їх заміщення (у разі його проведення)	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/general/vakantni-posady/vsi-posady
Матеріально-технічне	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/general/docs/mat-teh-zabezpechennya

забезпечення закладу освіти (згідно з ліцензійними умовами)		
Напрями наукової та/або мистецької діяльності (для закладів вищої освіти)	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/research
Наявність гуртожитків та вільних місць у них, розмір плати за проживання	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/student/studhostel http://www.univer.kharkov.ua/docs/work/campus-price2017.pdf http://profkom.ua/perelik-dokumentiv-neobhidnyh-dlya-poselennya-ta-reyestratsiyi-v-gurtozhytkah-hnu-imeni-v-n-karazina/
Результати моніторингу якості освіти	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/study/activity/monitoring
Річний звіт про діяльність закладу освіти	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/general/docs/files_analitics
Правила прийому до закладу освіти у відповідному році	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/images/pravyla-2019-2.pdf
Умови доступності закладу освіти для навчання осіб з особливими освітніми потребами	ч. 2 ст. 30 Закону України «Про освіту»	http://start.karazin.ua/page/osobam-z-osoblyvymy-potrebamy http://www.univer.kharkov.ua/docs/work/dostupnist-dlya-osib-z-osoblyvymy-potrebamy.pdf
Розмір плати за навчання, підготовку, перепідготовку, підвищення кваліфікації здобувачів освіти	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/images/price-ua2019.pdf http://www.univer.kharkov.ua/images/price-fl2019.pdf
Перелік додаткових освітніх та інших послуг, їх вартість, порядок надання та оплати	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/docs/work/nadannya-platnyh-poslug.pdf

II. Звіт про значення показників порівняльних критеріїв надання та підтвердження статусу національного закладу вищої освіти

Таблиця 2. Здобувачі вищої освіти

Ступінь (ОКР)	Код та спеціальність		Кількість	Проходили стажування в іноземних ЗВО	Здобули призові місця	Іноземних громадян	Громадян з країн членів ОЕСР
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
бакалавр	014.14	Середня освіта (Здоров'я людини)	26		0	1	
бакалавр	032	Історія та археологія	286		1	2	
бакалавр	033	Філософія	59		1		
бакалавр	034	Культурологія	56		0	1	
бакалавр	035.01	Філологія (українська мова та література)	151		5		
бакалавр	035.03	Філологія (слов'янські мови та літератури (переклад включно))	95		3	4	1
бакалавр	035.04	Філологія (германські мови та літератури (переклад включно))	621		7	45	2
бакалавр	035.05	Філологія (романські мови та літератури (переклад включно))	98	20	5		
бакалавр	035.06	Філологія (східні мови та літератури (переклад включно))	132	9	0		
бакалавр	035.08	Філологія (класичні мови та літератури (переклад включно))	22		2		
бакалавр	035.10	Філологія (прикладна лінгвістика)	67		0		
бакалавр	051	Економіка	284		0	16	1
бакалавр	052	Політологія	43		1	1	
бакалавр	053	Психологія	251		12	3	
бакалавр	054	Соціологія	257	3	10		
бакалавр	061	Журналістика	225		0		
бакалавр	071	Облік і оподаткування	82		1	1	
бакалавр	072	Фінанси, банківська справа та страхування	142		1	17	
бакалавр	073	Менеджмент	290		3	9	
бакалавр	075	Маркетинг	157		3	1	
бакалавр	076	Підприємництво, торгівля та біржова діяльність	113		2		
бакалавр	081	Право	340		12	63	16
бакалавр	091	Біологія	270		16	15	
бакалавр	101	Екологія	117		7	1	
бакалавр	102	Хімія	204	10	10		
бакалавр	103	Науки про Землю	117		2	9	
бакалавр	104	Фізика та астрономія	134	4	7	4	
бакалавр	105	Прикладна фізика та наноматеріали	351	4	49	2	
бакалавр	106	Географія	125		2	11	
бакалавр	111	Математика	92		5		
бакалавр	113	Прикладна математика	71		7		
бакалавр	122	Комп'ютерні науки	372		7	2	1
бакалавр	123	Комп'ютерна інженерія	46		1		
бакалавр	125	Кібербезпека	179		1		

бакалавр	151	Автоматизація та комп'ютерно-інтегровані технології	94		0		
бакалавр	153	Мікро- та наносистемна техніка	42	10	0	1	
бакалавр	162	Біотехнології та біоінженерія	57		0		
бакалавр	231	Соціальна робота	41		6		
бакалавр	241	Готельно-ресторанна справа	117		2		
бакалавр	242	Туризм	159	10	3	7	
бакалавр	263	Цивільна безпека	12		1		
бакалавр	281	Публічне управління та адміністрування	59		0		
бакалавр	291	Міжнародні відносини, суспільні комунікації та регіональні студії	375		5		
бакалавр	292	Міжнародні економічні відносини	309	10	5	21	
бакалавр	293	Міжнародне право	137		5	20	8
спеціаліст	222	Медицина	3358	2	15	2856	441
магістр	014.14	Середня освіта (Здоров'я людини)	9		0		
магістр	032	Історія та археологія	80		4		
магістр	033	Філософія	21		1		
магістр	034	Культурологія	17		0		
магістр	035.01	Філологія (українська мова та література)	42		0		
магістр	035.03	Філологія (слов'янські мови та літератури (переклад включно))	13		0	3	
магістр	035.04	Філологія (германські мови та літератури (переклад включно))	124		7	3	
магістр	035.05	Філологія (романські мови та літератури (переклад включно))	25		4		
магістр	035.06	Філологія (східні мови та літератури (переклад включно))	26		0		
магістр	035.08	Філологія (класичні мови та літератури (переклад включно))	8		0		
магістр	035.10	Філологія (прикладна лінгвістика)	25		0		
магістр	051	Економіка	93		0	2	
магістр	052	Політологія	19		1		
магістр	053	Психологія	59		2	1	1
магістр	054	Соціологія	67		2		
магістр	061	Журналістика	76		7		
магістр	071	Облік і оподаткування	24		0	1	
магістр	072	Фінанси, банківська справа та страхування	38		0	2	
магістр	073	Менеджмент	162		2	23	
магістр	075	Маркетинг	27		3		
магістр	076	Підприємництво, торгівля та біржова діяльність	17	8	3		
магістр	081	Право	94	2	0	14	
магістр	091	Біологія	117		2	2	
магістр	101	Екологія	51		7	1	

магістр	102	Хімія	83		4		
магістр	103	Науки про Землю	58	5	0	6	
магістр	104	Фізика та астрономія	92		0		
магістр	105	Прикладна фізика та наноматеріали	214		7	5	
магістр	106	Географія	68		1	2	
магістр	111	Математика	25	9	0		
магістр	113	Прикладна математика	43		0		
магістр	122	Комп'ютерні науки	94		1	2	
магістр	125	Кібербезпека	48		0		
магістр	151	Автоматизація та комп'ютерно-інтегровані технології	22		0		
магістр	153	Мікро- та наносистемна техніка	28		0		
магістр	222	Медицина	923		0	771	252
магістр	242	Туризм	43		0	2	
магістр	291	Міжнародні відносини, суспільні комунікації та регіональні студії	43		0		
магістр	292	Міжнародні економічні відносини	95	10	1	6	
магістр	293	Міжнародне право	33	10	0	1	
аспіранти та докторанти	032	Історія та археологія	9				
аспіранти та докторанти	033	Філософія	12			2	
аспіранти та докторанти	035	Філологія	14			1	
аспіранти та докторанти	051	Економіка	6				
аспіранти та докторанти	052	Політологія	6				
аспіранти та докторанти	053	Психологія	5				
аспіранти та докторанти	054	Соціологія	12				
аспіранти та докторанти	061	Журналістика	5				
аспіранти та докторанти	072	Фінанси, банківська справа та страхування	1				
аспіранти та докторанти	073	Менеджмент	6				
аспіранти та докторанти	081	Право	5			2	
аспіранти та докторанти	091	Біологія	14			2	
аспіранти та докторанти	102	Хімія	11				
аспіранти та докторанти	103	Науки про Землю	10			1	
аспіранти та докторанти	104	Фізика та астрономія	5				
аспіранти та докторанти	105	Прикладна фізика та наноматеріали	18				
аспіранти та докторанти	111	Математика	1				
аспіранти та докторанти	113	Прикладна математика	1	10			
аспіранти та докторанти	122	Комп'ютерні науки	8			1	

аспіранти та докторанти	125	Кібербезпека	5				
аспіранти та докторанти	222	Медицина	1				
аспіранти та докторанти	292	Міжнародні економічні відносини	5			1	
аспіранти та докторанти	01.04.07	Фізика твердого тіла	1				
аспіранти та докторанти	03.00.04	Біохімія	1				
аспіранти та докторанти	07.00.02	Всесвітня історія	1				
аспіранти та докторанти	08.00.01	Економічна теорія та історія економічної думки	1				
аспіранти та докторанти	08.00.02	Світове господарство і міжнародні економічні відносини	1				
аспіранти та докторанти	09.00.04	Філософська антропологія, філософія культури	1				
аспіранти та докторанти	10.02.01	Українська мова	1				
аспіранти та докторанти	10.02.04	Германські мови	1				
аспіранти та докторанти	14.01.02	Внутрішні хвороби	1				
аспіранти та докторанти	19.00.09	Загальна психологія, історія психології	1				
РАЗОМ:			13951	136	284	3970	723

Таблиця 3. Наукові, науково-педагогічні працівники

Факультет (Інститут)	Кафедра, відділ тощо	Кількість	Проходили стажування в іноземних ЗВО	Здійснювали наукове керівництво (консультування) не менше п'ятих здобувачів наукових ступенів, які захистилися в Україні	Науково-педагогічні працівники, науковий ступінь та/або вчене звання	Науково-педагогічні працівники, доктори наук та/або професори
Біологічний	Біохімії	15		1	12	2
	Ботаніки та екології рослин	9			8	1
	Генетики та цитології	10			9	3
	Зоології та екології тварин	12			9	3
	Мікології та фітоімунологи	5			3	1
	Фізіології людини та тварин	16		1	8	1
	Фізіології і біохімії рослин та мікроорганізмів	8			5	1
	Молекулярної біології та біотехнології	5			3	1
Факультет геології, географії, рекреації і туризму	Геології	6			5	1
	Гідрогеології	9			8	33
	Мінералогії, петрографії та корисних копалин	5			2	1
	Соціально-економічної географії та регіоналістики	11		2	10	3
	Фізичної географії та картографії	16		2	13	2

Екологічний	Екології та неоекології	6			3	0
	Екологічної безпеки та екологічної освіти	7			6	4
	Моніторингу довкілля та природокористування	5		1	2	1
Економічний	Економіки та менеджменту	14			13	1
	Економічної кібернетики та прикладної економіки	15			9	3
	Економічної теорії та економічних методів управління	15		4	13	4
	Маркетингу, менеджменту та підприємництва	18			16	1
	Математичних методів в економіці	16			6	1
	Міжнародної економіки та світового господарства	12			9	1
	Статистики, обліку та аудиту	16			15	1
	Фінансів, банківської справи та страхування	15		1	13	3
Іноземних мов	Англійської мови	39	1		15	-
	Англійської філології	33	1	1	18	4
	Ділової іноземної мови та перекладу	25		1	11	1
	Методики та практики викладання іноземної мови	30			14	1
	Німецької та французької мов	23			8	-
	Німецької філології та перекладу	24		2	14	2
	Романської філології і перекладу	32			11	1
	Перекладознавства імені Миколи Лукаша	15		3	10	4
	Східних мов та міжнародної комунікації	14			2	-
Історичний	Історії Східної Європи	5		1	5	33
	Історії стародавнього світу та середніх віків	7			7	2
	Історії України	8		1	8	3
	Історіографії, джерелознавства та археології	10		1	10	4
	Нової та новітньої історії	8	1		8	2
Комп'ютерних наук	Безпеки інформаційних систем і технологій	18		4	15	9
	Електроніки й управляючих систем	8		3	5	2
	Моделювання систем і технологій	14		2	9	2
	Теоретичної та прикладної системотехніки	15		4	11	6
	Штучного інтелекту та програмного забезпечення	11			9	1
Медичний	Акушерства та гінекології	12		1	9	3
	Внутрішньої медицини	28		2	7	1
	Гігієни та соціальної медицини	24		1	10	1
	Загальної практики - сімейної медицини	28			19	1

Медичний	Загальної і клінічної імунології та алергології	22		1	8	1
	Загальної та клінічної патології	16			10	1
	Пропедевтики внутрішньої медицини та фізичної реабілітації	21			5	-
	Клінічної неврології, психіатрії та наркології	4		2	4	3
	Педіатрії 1	15			11	1
	Педіатрії 2	9			8	2
	Психіатрії, наркології, неврології та медичної психології	16			13	3
	Хірургічних хвороб	21		1	10	3
	Хірургічних хвороб, оперативної хірургії та топографічної анатомії	33			14	1
	Анатомії людини	11			5	1
Математики і інформатики	Вищої математики та інформатики	5			3	-
	Фундаментальної математики	23			20	5
	Прикладної математики	15			15	4
	Теоретичної та прикладної інформатики	14			11	3
Міжнародних економічних відносин та туристичного бізнесу	Міжнародного бізнесу та економічної теорії	14			9	5
	Міжнародної електронної комерції та готельно-ресторанної справи	7			6	1
	Міжнародних економічних відносин	28		1	20	4
	Міжнародних відносин, міжнародної інформації та безпеки	11			7	-
	Туристичного бізнесу	21			16	-
Психології	Загальної психології	9			9	2
	Педагогіки	7			5	-
	Прикладної психології	16			13	2
	Психологічного консультування і психотерапії	5		1	3	1
Радіофізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	4		1	4	3
	Космічної радіофізики	5			5	2
	Молекулярної і медичної біофізики	7		1	7	-
	Прикладної електродинаміки	8		2	7	1
	Теоретичної радіофізики	5		2	5	3
	Фізики надвисоких частот	6		1	6	2
	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	7		1	6	2
Соціологічний	Медіа-комунікацій	7			1	1
	Методів соціологічних досліджень	8			4	-
	Політичної соціології	8		2	6	-
	Прикладної соціології та соціальних комунікацій	14			11	2
	Соціології	12			11	3

Соціологічний	Соціології управління та соціальної роботи	10			9	1
Фізико-енергетичний	Охорони праці та безпеки життєдіяльності	1			1	-
	Інформаційних технологій у фізико-енергетичних системах	10			6	1
	Теплофізики та молекулярної фізики	5			5	1
	Фізики нетрадиційних енерготехнологій та екології	3			3	-
Фізико-технічний	Матеріалів реакторобудування та фізичних технологій	11		2	10	5
	Прикладної фізики та фізики плазми	11	1	1	10	3
	Теоретичної ядерної фізики та вищої математики імені О. І. Ахієзера	6		1	5	2
	Ядерної та медичної фізики	8		1	8	3
Фізичний	Астрономії та космічної інформатики	6		1	5	2
	Вищої математики	8			7	2
	Експериментальної фізики	10			8	2
	Загальної фізики	8			6	2
	Теоретичної фізики імені академіка І. М. Ліфшиця	4			4	1
	Фізики кристалів	5			5	1
	Фізики низьких температур	6		1	6	1
	Фізики твердого тіла	6			6	2
Філологічний	Фізичної оптики	4		2	3	-
	Журналістики	16			12	2
	Загального та прикладного мовознавства	9			4	-
	Історії зарубіжної літератури і класичної філології	21		1	10	2
	Історії російської літератури	10		2	10	2
	Історії української літератури	16		3	15	5
	Російської мови	11			8	1
Філософський	Української мови	19		6	15	1
	Валеології	13			10	1
	Політології	20	1	1	18	5
	Теоретичної і практичної філософії	21			21	8
	Теорії культури і філософії науки	17			16	8
Хімічний	Українознавства	20			17	5
	Неорганічної хімії	8		2	6	2
	Органічної хімії	7		5	7	3
	Прикладної хімії	7		1	5	1
	Фізичної хімії	8		1	8	2
	Хімічного матеріалознавства	6		1	6	2
Юридичний	Хімічної метрології	8			7	1
	Державно-правових дисциплін	26		4	22	6
	Конституційного, муніципального права	7		1	6	1
	Кримінально-правових дисциплін	11		3	11	4
Юридичний	Міжнародного і європейського права	8		1	6	2

Юридичний	Цивільно-правових дисциплін	16		3	13	4
Навчально-науковий інститут міжнародної освіти		90			35	1
Навчально-науковий інститут «Каразінська школа бізнесу»		18		1	17	5
Інститут післядипломної освіти та заочного (дистанційного) навчання		14			1	-
Кафедра фізичного виховання та спорту		30			3	-
Наукові працівники (штатні працівники НДЧ), усього		188			100	18
РАЗОМ:		1898	5	100	1249	339

Таблиця 4. Наукометричні показники

Факультет (Інститут)	Кафедра, відділ тощо	Прізвище, ім'я, по батькові наукового, науково-педагогічного працівника	ID Scopus (за наявності)	Індекс Гірша Scopus	ID Web of Science	Індекс Гірша Web of Science
Біологічний	Кафедра мікології і фітоімунології	Акулов Олександр Юрійович	56557989600	6	–	6
Біологічний	Кафедра зоології і екології тварин	Атемасов Андрій Анатолійович	36016038200	2	–	–
Біологічний	Кафедра генетики і цитології	Атраментова Любов Олексіївна	7004037223	9	–	7
Біологічний	Кафедра зоології і екології тварин	Бірюк Ольга Вікторівна	57188821679	1	–	–
Біологічний	Кафедра зоології і екології тварин	Владимирська (Коваленко) Марина Вікторівна	55351599400	2	–	–
Біологічний	Кафедра зоології і екології тварин	Вязовська Ольга Володимирівна	55933540700	2	–	–
Біологічний	Кафедра фізіології людини та тварин	Гарькавенко Володимир Володимирович	57019029900	2	–	–
Біологічний	Кафедра ботаніки та екології рослин	Горбулін Олег Станіславович	14015500400	2	–	–
Біологічний	Кафедра ботаніки та екології рослин	Громакова Алла Борисівна	57195775681	1	–	–
Біологічний	Кафедра зоології і екології тварин	Зіненко Олександр Іванович	36017989300	7	N-4867-2015 orcid.org/0000-0001-5228-9940	8
Біологічний	Кафедра фізіології і біохімії рослин та мікроорганізмів	Колупаєв Юрій Євгенійович	8370565200	8	–	6
Біологічний	Кафедра зоології і екології тварин	Коршунов Олексій Владиславович	26532860800	1	–	–
Біологічний	Кафедра фізіології людини та тварин	Наглов Олександр Володимирович	57190679687	1	–	–
Біологічний	Кафедра біохімії	Охрименко Світлана Миколаївна	12764935200	1	–	–
Біологічний	Кафедра зоології і екології тварин	Полчанінова Ніна Юріївна	55850688600	4	–	1
Біологічний	Кафедра зоології і екології тварин	Ронкін Володимир Ісакович	8714467700	3	–	–
Біологічний	Кафедра зоології і екології тварин	Савченко Галина Олександрівна	7003417388	3	–	–

Біологічний	Кафедра зоології і екології тварин	Токарський Віктор Арсенійович	37091574500	1	–	–
Біологічний	Кафедра генетики і цитології	Утевська Ольга Михайлівна	35390340700	9	–	9
Біологічний	Кафедра зоології і екології тварин	Утевській Андрій Юрійович	16204749800	3	–	–
Біологічний	Кафедра зоології і екології тварин	Утевській Сергій Юрійович	56067435400	9	–	10
Біологічний	Кафедра зоології і екології тварин	Шабанов Дмитро Андрійович	26533348800	4	J-5370-2014 orcid.org/0000-0003-3247-6882	5
Біологічний	Кафедра мікології і фітоімунології	Шамрай Сергій Миколайович	36890924800	3	–	–
Біологічний	Кафедра мікології і фітоімунології	Шкорбатов Юрій Григорович	6602567111	8	–	4
Біологічний	Кафедра мікології і фітоімунології	Яцок Ірина Ігорівна	57200826013	1	–	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Гусева Наталія Володимирівна	56785509500	1	E-9540-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Кобилін Павло Олексійович	56677677700	1	E-9284-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Костріков Сергій Васильович	57192712694	1	–	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Немець Людмила Миколаївна	56786611400	1	E-8259-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Немець Костянтин Аркадійович	56770120900	1	E-9376-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Сегіда Катерина Юрійівна	57192715750	1	E-8347-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіоназнавства	Телебенева Євгенія Юрійівна	57204938923	1	–	–
Екологічний	Моніторингу довкілля та природокористування	Клещ Анастасія Анатоліївна	-	-	I-3165-2018	1
Екологічний	Моніторингу довкілля та природокористування	Максименко Надія Василівна	-	-	I-3796-2018	1
Екологічний	Кафедра екологічної безпеки і екологічної освіти	Некос Алла Наумівна	56437731700	1	I-3606-2018	0
Екологічний	Кафедра екологічної безпеки і екологічної освіти	Пеліхатий Микола Михайлович	-	-	-	1
Економічний	Кафедра економічної кібернетики та прикладної економіки	Біткова Тетяна Вікторівна	57191883783	1	-	-
Економічний	Кафедра фінансів, банківської справи та страхування	Глушенко Ольга Вікторівна	57191747826	0	D-2329-2019	1
Економічний	Кафедра економічної кібернетики та прикладної економіки	Ковпак Ельвіра Олександрівна	57203395831	1	-	-
Економічний	Кафедра економічної кібернетики та прикладної економіки	Кононова Катерина Вікторівна	55344746700	1	-	-
Економічний	Кафедра економічної кібернетики та	Меркулова Тамара Вікторівна	57190256768	1	-	-

	прикладної економіки					
Іноземних мов	Кафедра англійської мови	Скриль Оксана Іванівна	57190008315	1	–	–
Комп'ютерних наук	Кафедра моделювання систем і технологій	Гамзасв Рустам Олександрович	56667733200	1	–	1
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Горбенко Іван Дмитрович	6603317716	5	–	2
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Гущин Іван Валерійович	36622355800	1	–	1
Комп'ютерних наук	Кафедра теоретичної та прикладної системотехніки	Доля Григорій Миколайович	8590318100	1	–	1
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Єсін Віталій Іванович	57202338524	2	–	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Єсіна Марина Віталіївна	57194034127	1	–	0
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Замула Олександр Андрійович	57194561322	1	–	0
Комп'ютерних наук	Кафедра моделювання систем і технологій	Зінов'єв Дмитро Володимирович	6701379344	1	–	-
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Ісірова Катерина Володимирівна	57194778171	1	–	0
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Карась Ірина Вячеславовна	6602434293	3	–	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Колованова Євгенія Павлівна	57194029246	2	–	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кошман Сергій Олександрович	56430931600	2	–	1
Комп'ютерних наук	Кафедра електроніки і управляючих систем	Краснобаєв Віктор Анатолійович	51461515000	2	–	1
Комп'ютерних наук	Кафедра електроніки і управляючих систем	Кропотов Олександр Юрійович	6701861714	1	–	1
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кузнецов Олександр Олександрович	55428957200	8	–	4
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Куклін Володимир Михайлович	7005807989	2	–	2
Комп'ютерних наук	Кафедра теоретичної та прикладної системотехніки	Кучук Ніна Георгіївна	57196006131	1	–	-
Комп'ютерних наук	Кафедра моделювання систем і технологій	Лазурик Валентин Тимофійович	6701689921	5	–	1
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Лазурик Валентина Михайлівна	6701689920	3	–	1
Комп'ютерних наук	Кафедра моделювання систем і технологій	Мартінкус Ірина Олегівна	57195071539	2	–	-
Комп'ютерних наук	Кафедра моделювання систем і технологій	Нагорний Костянтин Анатолійович	56667757400	1	–	1

Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Нарежний Олексій Павлович	57201777102	1	–	0
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Олешко Олег Іванович	36104523400	1	–	–
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Олійников Роман Васильович.)	36104503000	4	–	3
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Поклонський Євген Васильович	6602646288	2	–	1
Комп'ютерних наук	Кафедра моделювання систем і технологій	Попов Геннадій Федорович	7103133764-	3	–	1
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Приймак Олексій Вікторович	56826151900	2	–	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Рассомахін Сергій Геннадійович	6602387161	2	–	2
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Родінко Марія Юріївна	57194032767	2	–	2
Комп'ютерних наук	Кафедра моделювання систем і технологій	Рудичев Дмитро Володимирович	6504488714	1	–	-
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Сватовський Ігор Іванович	6506147517	1	–	1
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Севидов Сергій Михайлович	-	-	–	1
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Споров Олександр Євгенович	6505934301	4	–	1
Комп'ютерних наук	Кафедра моделювання систем і технологій	Ткачук Микола Вячеславович	56712118300	2	–	1
Комп'ютерних наук	Кафедра теоретичної та прикладної системотехніки	Угрюмов Михайло Леонідович	55819006000	1	–	1
Математики і інформатики	Кафедра прикладної математики	Ігнатович Світлана Юріївна	6603696965	6	У-8438-2018	6
Математики і інформатики	Кафедра вищої математики і інформатики	Анощенко Ольга Олексіївна	6505939758	2	–	2
Математики і інформатики	Кафедра фундаментальної математики	Вишнякова Ганна Марківна	6508012873	3	–	3
Математики і інформатики	Кафедра фундаментальної математики	Гефтер Сергій Леонідович	6506698897	3	–	2
Математики і інформатики	Кафедра фундаментальної математики	Горdevський Вячеслав Дмитрович	6506402636	5	–	3
Математики і інформатики	Кафедра фундаментальної математики	Дубовий Володимир Кирилович	8722805000	2	–	3
Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Жолткевич Григорій Миколайович	55557328000	4	Е-2058-2011	2
Математики і інформатики	Кафедра вищої математики і інформатики	Загороднюк Сергій Михайлович	12807507000	4	–	3

Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Зарецька Ірина Тимофіївна	55557172700	2	–	-
Математики і інформатики	Кафедра фундаментальної математики	Кадець Володимир Михайлович	8327107100	13	–	12
Математики і інформатики	Кафедра фундаментальної математики	Каролінський Євген Олександрович	6506226804	4	–	3
Математики і інформатики	Кафедра прикладної математики	Кізілова Наталія Миколаївна	6602955242	6	–	5
Математики і інформатики	Кафедра прикладної математики	Коробов Валерій Іванович	57197682599	6	–	3
Математики і інформатики	Кафедра вищої математики і інформатики	Кудінцева Ірина Георгіївна	6506783974	7	–	5
Математики і інформатики	Кафедра вищої математики і інформатики	Лисиця Віктор Тимофійович	36792914900	1	–	1
Математики і інформатики	Кафедра прикладної математики	Несвіт Катерина Віталіївна	54389906300	2	–	0
Математики і інформатики	Кафедра прикладної математики	Пацегон Микола Федорович	6603250978	2	–	2
Математики і інформатики	Кафедра прикладної математики	Півень Олексій Леонідович	57195721270	1	–	-
Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Полякова Людмила Юріївна	23028761300	1	–	1
Математики і інформатики	Кафедра прикладної математики	Пославський Сергій Олександрович	36125411600	2	–	2
Математики і інформатики	Кафедра прикладної математики	Ревіна Тетяна Володимирівна	56458385400	1	–	1
Математики і інформатики	Кафедра вищої математики і інформатики	Резуненко Вячеслав Олексійович	24341733300	3	–	1
Математики і інформатики	Кафедра фундаментальної математики	Резуненко Олександр Вячеславович	6602980787	11	–	12
Математики і інформатики	Кафедра фундаментальної математики	Фаворов Сергій Юрійович	6603446713	5	–	4
Математики і інформатики	Кафедра фундаментальної математики	Фастовська Тамара Борисівна	16303962900	3	–	3
Математики і інформатики	Кафедра фундаментальної математики	Шугайло Олена Олексіївна	55850416800	1	–	1
Математики і інформатики	Кафедра фундаментальної математики	Щербина Олексій Сергійович	13202992700	2	–	3
Математики і інформатики	Кафедра фундаментальної математики	Ямпольський Олександр Леонідович	6507412115	3	–	3
Медичний	Кафедра загальної та клінічної патології медичного факультету	Айдарова Вікторія Сергіївна	5719067901	1	–	–
Медичний	Кафедра внутрішньої медицини	Аль-Травнех Олена Володимирівна	57201614148	1	–	-
Медичний	Кафедра внутрішньої медицини	Бутова Тетяна Сергіївна	55864484300	4	–	-
Медичний	Кафедра гігієни та соціальної медицини	В'язовська Ольга Василівна	55933540700	2	–	-
Медичний	Кафедра гігієни та соціальної медицини	Воробйов Сергій Миколайович	56262738500	3	–	-

Медичний	Кафедра загальної та клінічної патології медичного факультету	Козлова Тетяна Владиславівна	5598765440	1	–	–
Медичний	Кафедра гігієни та соціальної медицини	Мартиненко Олександр Віталійович	16203353000	1	–	-
Медичний	Кафедра клінічної неврології, психіатрії та наркології	Міщенко Тамара Сергіївна	57188827806 57191874933	1 2	–	-
Медичний	Кафедра загальної та клінічної патології медичного факультету	Падалко Володимир Ілліч	55968793000 7003677805	3 3	K-7265-2016	3
Медичний	Кафедра загальної та клінічної патології медичного факультету	Проценко Олена Сергіївна	57204074998	1	–	–
Медичний	Кафедра загальної та клінічної патології медичного факультету	Ремньова Наталія Олексіївна	56737017200	1	E-9261-2019	1
Медичний	Кафедра загальної та клінічної патології медичного факультету	Чумак Любов Ігорівна	56539828200	1	–	–
Медичний	Кафедра загальної та клінічної патології медичного факультету	Шатровський Олександр Георгійович	57195557196	1	–	1
Міжнародних економічних відносин та туристичного бізнесу	Кафедр міжнародної електронної комерції та готельно-ресторанної справи	Бабенко Віталіна Олексіївна	56658371300	4	E-6521-2018	7
Міжнародних економічних відносин та туристичного бізнесу	Кафедр міжнародних економічних відносин	Матюшенко Ігор Володимирович	6508128709	-	E-1648-2018	1
Міжнародних економічних відносин та туристичного бізнесу	Кафедр міжнародних відносин, міжнародної інформації та безпеки	Червяцова Аліна Олегівна	55834998400	1	–	–
НДІ астрономії		Ахметов Володимир Сабірджанович	26021682900	6	E-8461-2019	6
НДІ астрономії		Бельська Ірина Миколаївна	6603008943	24	A-7312-2013	20
НДІ астрономії		Величко Ганна Борисівна	36142485000	4	-	1
НДІ астрономії		Величко Сергій Федорович	14831813300	5	F-2999-2019	5
НДІ астрономії		Голубаєв Олександр	15019553300	2	F-3149-2019	2
НДІ астрономії		Громакіна Тетяна Андріївна	57194008382	1	F-3191-2019	1
НДІ астрономії		Довгопол Анатолій Миколайович	6602481876	3	F-3119-2019	2
НДІ астрономії		Железняк Олександр Петрович	7004029309	7	F-3112-2019	7
НДІ астрономії		Кайдаш Вадим Григорович	6508209235	16	E-6065-2019	16
НДІ астрономії		Корохін Віктор Валентинович	6508015051	11	-	10
НДІ астрономії		Кочетов Олексій Євгенович	7006026157	3	-	-
НДІ астрономії		Круглий Юрій Миколайович	6602552729	21	O-7164-2018	17

НДІ астрономії		Лупішко Дмитро Федорович	9133138500	12	F-4643-2019	8
НДІ астрономії		Марченко Геннадій Петрович	8522953400	2	F-3112-2019	2
НДІ астрономії		Опанасенко Миколай Вікторович	9038793500	12	-	11
НДІ астрономії		Слюсарев Іван Григорович	35070421300	6	-	6
НДІ астрономії		Станкевич Дмитро Геннадійович	6604014398	16	-	16
НДІ астрономії		Федоров Петро Миколайович	26021753800	6	-	10
НДІ астрономії		Чорний Василь Григорович	6507331414	13	F-4963-2019	10
НДІ астрономії		Шевченко Василь Григорович	7401566756	21	-	17
НДІ астрономії		Шкуратов Юрій Григорович	7003941622	37	-	35
НДІ біології		Божков Анатолій Іванович	7004208964	5	-	-
НДІ біології		Голтвянський Анатолій Володимирович	42461374200	1	-	-
НДІ біології		Ковальова Марина Костянтинівна	50761266900	1	-	-
НДІ біології		Кузнецова Юлія Олександрівна	15760146500	2	-	-
НДІ біології		Сидоров Вадим Іванович	36345102000	1	-	-
НДІ хімії	Радіохімії і радіоекології	Єфімова Наталія Віталіївна	24074357200	1	-	1
НДІ хімії	Радіохімії і радіоекології	Краснопьорова Алла Петрівна	6507856156	2	-	1
НДІ хімії	Фізичної хімії і електрохімії розчинів	Ларін Василь Іванович	7101612548	4	-	3
НДІ хімії	Фізичної хімії і електрохімії розчинів	Самойлов Євген Олексійович	9043634600	1	-	1
НДІ хімії	Фізичної хімії і електрохімії розчинів	Цурко Олена Миколаївна	6602160504	6	-	6
НДІ хімії	Фізичної хімії і електрохімії розчинів	Шаповалов Сергій Андрійович	7006531777	8	-	6
НДІ хімії	Радіохімії і радіоекології	Юхно Галина Дмитрівна	24074985600	1	-	1
ННІ «Каразінська школа бізнесу»	Кафедра управління та адміністрування	Третяк Вікторія Павлівна	36069662200	1	-	-
Соціологічний	Кафедра методів соціологічних досліджень	Кізілова Ксенія Олександрівна	55249949100	5	-	-
Соціологічний	Кафедра методів соціологічних досліджень	Коритнікова Надія Володимирівна	36241779700	1	-	-
Соціологічний	Кафедра соціології	Ніколаєвський Валерій Миколайович	57205396083	1	-	-
Соціологічний	Кафедра соціології	Філіппова Ольга Аркадіївна	7004663298	3	-	-
Факультет психології	Кафедра прикладної психології	Кряж Ірина Володимирівна	15058989600	1	E-9588-2019	1
Факультет психології	Кафедра прикладної психології	Луценко Олена Львівна	56113074300	1	M-3160-2018	-
Факультет психології	Кафедра прикладної психології	Павленко Валентина Миколаївна	7102811365	2	-	-

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Антоненко Євген Олександрович	35217523400	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Антюфєєва Марія Станіславівна	56061228900	5	–	4
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Аркуша Юрій Васильович	6603759223	3	–	4
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Ахмедов Ролан Джавадович	56414594400	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Багацька Ольга Вячеславівна	6601960216	1	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Баскаков Олег Ігоревич	6701818356	10	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Батраков Дмитро Олегович	8299693500	8	–	5
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Белошенко Костянтин Сергійович	24474020000	2	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Бердник Сергій Леонідович	8342564200	7	I-1142-2015	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Биков Віктор Миколайович	57200744151	3	–	2

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Блінова Наталія Костянтинівна	7003941013	3	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Боцула Олег Вікторович	9433943700	4	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Булгакова Ганна Олексіївна	8379855500	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Бутрим Олександр Юрійович	6505895155	7	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Гармаш Костянтин Петрович	6506285674	2	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Горобець Микола Миколайович	7003374031	5	–	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Горобець Олексій Миколайович	56366972700	1	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра молекулярної і медичної біофізики	Горобченко Ольга Олександрівна	13608385700	3	D-9571-2016	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Гурін Олег Валентинович	6603930915	4	–	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Дегтярьов Андрій Вікторович	7007137133	4	–	–

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Думін Олександр Миколайович	8356089400	7	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Дюбко Станислав Пилипович	6701504938	13	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Слисєєва Надія Петрівна	6507075476	5	–	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Карпов Анатолій Іванович	57197027186	1	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Катрич Віктор Олександрович	6602560537	9	Е-8510-2019	5
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Катрич Геннадій Сергійович	6701434656	4	–	5
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Кійко Віктор Іванович	23108967300	4	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Кожешкурт Валентин Олександрович	57192199074	1	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Колчигін Микола Миколайович	6603108722	5	–	3
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Лазоренко Олег Валерійович	8221324700	5	–	3

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Левченко Олександр Миколайович	8586634700	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Легенький Максим Миколайович	24341144000	5	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Ляховський Анатолій Федорович	8280077000	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізики НВЧ	Майборода Дмитро Володимирович	8275326600	4	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Мартиненко Сергій Ігорович	55893383500	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Маслов Вячеслав Олександрович	7202893705	4	I-8314-2014	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Медведєв Микола Володимирович	45561590800	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Мустицев Микола Петрович	6506788314	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Набока Анатолій Михайлович	6507680027	1	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Нестеренко Михайло Васильович	7003825175	8	–	4

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра молекулярної і медичної біофізики	Ніколов Олег Тимофійович	57191222627	5	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Овсяннікова Олена Євгеніївна	24342024400	2	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра молекулярної і медичної біофізики	Овсяннікова Тетяна Миколаївна	16646352200	1	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Плахтій Вадим Анатолійович	56784201500	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Полянський Микола Єгорович	8362852000	1	–	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Приходько Кирило Геннадійович	57206855930	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Пушин Володимир Федорович	8968071000	2	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Пшенична Світлана Вікторівна	24376916200	3	–	-
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Рибін Олег Миколайович	24341654900	7	–	6
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Розуменко Віктор Тимофійович	6603578904	3	–	4

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Рябих Валерій Миколайович	6506555856	2	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Селютин Андрій Вікторович	55975903800	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Сенюта Владислав Станіславович	53986495200	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Тирнов Олег Федорович	6602956108	5	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Тігар Володимир Петрович	8633977600	6	–	4
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Тішко Дмитро Миколайович	8633977700	4	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Федоренко Юрій Петрович	14024064700	2	-	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Хардіков Вячеслав Володимирович	14024424900	8	–	8
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Цимбал Анатолій Михайлович	6701714450	1	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра космічної радіофізики	Чорногор Леонід Феоктистович	6603410837	12	–	12

Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Шепілко Євген Володимирович	6507241970	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізики НВЧ	Шматько Олександр Олександрович	6701472182	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Шпаченко Ольга Володимирівна	8302600700	1	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра теоретичної радіофізики	Шульга Сергій Миколайович	57201193415	4	–	2
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Віхтинська Тетяна Геннадіївна	57190213505	1	–	1
Фізико-енергетичний	Кафедра фізики нетрадиційних енерготехнологій та екології	Кудрявцев Ігор Миколайович	16448071800	1	–	2
Фізико-енергетичний	Кафедра фізики нетрадиційних енерготехнологій та екології	Марущенко Ілля Миколайович	13607827100	3	F-2732-2019	3
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Нємченко Костянтин Едуардович	7004032935	12	J-2751-2015	11
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Рогова Світлана Юрївна	54999541600	2	–	2
Фізико-енергетичний	Кафедра фізики нетрадиційних енерготехнологій та екології	Семененко Володимир Єгорович	16424619300	1	–	2
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Сухов Руслан Володимирович	35782334600	5	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Азаренков Микола Олексійович	7005703838	16	–	17
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Афанасьєва Інна Олексіївна	35725250200	2	M545-2018	1
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Бабенко Євгенія Віталіївна	57192714204 36700952500	4	–	1
Фізико-технічний	Кафедра ядерної та медичної фізики	Бараннік Євген Олександрович	6701545027	4	–	5
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Бережної Юрій Анатолійович	6701511921	7	–	7

Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Береснев В'ячеслав Мартинович	26530793400	20	–	18
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Бізюков Олександр Анатолійович	6603345699	5	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Бобков Валентин Васильович	35357828100	5	–	5
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Богатиренко Сергій Іванович	6506339023	8	–	7
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Бурмака Геннадій Павлович	55542025400	2	–	2
Фізико-технічний	Кафедра ядерної та медичної фізики	Вус Катерина Олександрівна	55081964400	4	J-8502-2014 F-6003-2017	4
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Галайдич Віктор Кімович	15768592400	1	G-3119-2018	1
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Гамаюнова Любов Олександрівна	36821043800	2	–	1
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Гапон Олександр Вікторович	6602921948	4	–	4
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Гах Андрій Геннадійович	9336098500	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Гірка Ігор Олександрович	7004125956	7	–	8
Фізико-технічний	Кафедра ядерної та медичної фізики	Гірник Сергій Арнольдович	7801629390	3	N-7398-2018	3
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Голубов Олексій Андрійович	55232904100	4	N-6397-2018	4
Фізико-технічний	Кафедра ядерної та медичної фізики	Горбенко Галина Петрівна	7003786313	15	–	16
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Гречко Ярослав Олегович	56449199100	2	–	1
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Грицина Валентина Валентинівна	7006219981	6	–	5
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Грицина Василь Тимофійович	35585090300	18	–	14
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Дахов Олександр	55542209400	1	–	1
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Денисенко Ігор Борисович	6602888962	19	–	18
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Дудін Станіслав Валентинович	6701806106	8	–	6
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Журенко Віталій Павлович	6602495819	4	–	3
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Заславський Олег Борисович	7004014451	21	–	18
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Зиков Олександр Володимирович	7006841387	5	–	5

Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Івко Сергій Вікторович	36622085100	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Калантарян Оганес Ваганович	6506609074	3	–	2
Фізико-технічний	Кафедра ядерної та медичної фізики	Кізім Павло Семенович	6506749758	2	–	–
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Кобяков Володимир Аркадійович	7006814110	5	–	5
Фізико-технічний	Кафедра ядерної та медичної фізики	Ковтун Володимир Євгенович	7006098715	7	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Ковтуненко Юрій Іванович	6506730707	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Кононенко Сергій Ігнатович	7003500101	5	–	5
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Коппе Валерій Тимофійович	6507889891	2	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Литвинов Віктор Олексійович	7201710147	2	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Литовченко Сергій Володимирович	56962782700	5	–	3
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Лісовський Валерій Олександрович	6601959031	17	–	13
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Логачев Юрій Євгенійович	7003790973	2	–	2
Фізико-технічний	Кафедра ядерної та медичної фізики	Малихіна Тетяна Василівна	6508299844	3	–	3
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Мисюра Ілля Миколайович	47061681100	2	–	1
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Міненков Олексій Олександрович	54401461700	6	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Оксенюк Іван Іванович	56312477000	1	–	1
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Олефір Володимир Петрович	56061617100	4	–	5
Фізико-технічний	Кафедра ядерної та медичної фізики	Онищенко Генадій Михайлович	16020888800	6	–	2
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Павленко Іван Вікторович	7005718813	7	–	7
Фізико-технічний	Кафедра ядерної та медичної фізики	Раткевич Сергій Станіславович	6603634096	9	–	7
Фізико-технічний	Кафедра ядерної та медичної фізики	Рижова Ольга Анатоліївна	57041035100	5	–	4
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Ромашенко Олена Володимирівна	35068397700	3	–	3
Фізико-технічний	Кафедра ядерної та медичної фізики	Рудичев Володимир Григорович	6603259786	3	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Рябчиков Дмитро Львович	6603602791	4	–	4
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Середа Ігор Миколайович	6602970374	4	–	4

Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Середа Костянтин Миколайович	6505849231	4	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Сребнюк Павло Анатолійович	55651386400	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Старовойтов Роман Іванович	6504325779	3	–	0
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Танатаров Ігор Володимирович	8668015800	6	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Тищенко Людмила Павлівна	7006831960	2	–	3
Фізико-технічний	Кафедра ядерної та медичної фізики	Трусова Валерія Михайлівна	36897689800	12	–	9
Фізико-технічний	Кафедра ядерної та медичної фізики	Федорець Іван Дмитрович	6602360459	3	–	3
Фізико-технічний	Кафедра ядерної та медичної фізики	Хлапова Ніна Петрівна	6508190521	2	–	2
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Ходусов Валерій Дмитрович	6507396903	2	–	3
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Целуйко Олександр Федорович	25642173400	4	–	4
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Чишкала Володимир Олексійович	56807017100	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Чібісов Олександр Дмитрович	35067904500	2	–	2
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Чунадра Анатолій Григорович	6503954847	2	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Шевченко Дмитро Іванович	7004662579	5	–	5
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Шишкін Олег Олександрович	6503976394	4	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Юнаков Микола Миколайович	6602518444	4	–	2
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Яковін Станіслав Дмитрович	6508256906	6	–	5
Фізичний	Кафедра фізичної оптики	Агєєв Леонід Опанасович	7003644469	8	–	–
Фізичний	Кафедр фізики твердого тіла	Бадіян Євген Юхимович	16498615800 24576303600	2	N-3171-2018	–
Фізичний	Кафедра фізики низьких температур	Білецький Володимир Іванович	7004105262 7006348966	5	–	–
Фізичний	Кафедр фізики кристалів	Богданов Валерій Віталійович	7102093161	7	-	-
Фізичний	Кафедр фізики кристалів	Бойко Юрій Іванович	7006614894 5546630400	8	-	-
Фізичний	Кафедра загальної фізики	Ванькевич Олександр Вікторович	6505975972	2	-	-
Фізичний	Кафедра фізики низьких температур	Вовк Руслан Володимирович	6602898343	32	–	–
Фізичний	Кафедра фізичної оптики	Галунов Микола Захарович	6701917877	10	S-2524-2018	10

Фізичний	Кафедр фізики твердого тіла	Гончаренко Антон Володимирович	37018248000	3	-	-
Фізичний	Кафедра фізики низьких температур	Гриб Олександр Миколайович	7004101290	9	-	-
Фізичний	Кафедр експериментальної фізики	Дукаров Сергій Валентинович	6507246857	11	Е-8562-2019	8
Фізичний	Кафедр вищої математики	Дюкарев Юрій Михайлович	6504359121	5	-	-
Фізичний	Кафедра експериментальної фізики	Сгоренков Володимир Дмитрович	6602475391	14	-	-
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Єзерська Олена Володимирівна	6602585206	3	Е-8585-2019	3
Фізичний	Кафедр астрономії та космічної інформатики	Захожай Володимир Анатолійович	18635588900	2	-	-
Фізичний	Кафедра експериментальної фізики	Зетова Тетяна Расімовна	54685596300	1	-	-
Фізичний	Кафедр фізики твердого тіла	Зиман Золтан Золтанович	6601953970	15	-	-
Фізичний	Кафедра фізики низьких температур	Кислиця Максим Валерійович	57190441092	2	-	-
Фізичний	Кафедр фізики кристалів	Коршак Віра Федосійовна	710838713	5	-	-
Фізичний	Кафедра загальної фізики	Кунцевич Станіслав Петрович	6602255715	4	-	-
Фізичний	Кафедра експериментальної фізики	Лебедєв Сергій Вікторович	57194783510	3	-	-
Фізичний	Кафедра фізичної оптики	Лимар Валентин Іванович	6507493322	3	Е-9468-2019	3
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Любімов Олег Іванович	6602215576	2	-	6
Фізичний	Кафедра фізичної оптики	Макаровський Микола Олександрович	8847007000	1	-	-
Фізичний	Кафедра фізичної оптики	Маковецький Євген Дмитрович	6506974198	4	S-6264-2018	3
Фізичний	Кафедра загальної фізики	Мозуль Костянтин Олександрович	54385723000	2	-	-
Фізичний	Кафедр фізики кристалів	Нацик Василь Дмитрович	7005545153	14	-	-
Фізичний	Кафедра фізичної оптики	Овчаренко Олександр Петрович	35853130700	1	-	-
Фізичний	Кафедр експериментальної фізики	Петрушенко Сергій Іванович	56029290300	8	Е-8542-2019	6
Фізичний	Кафедра експериментальної фізики	Пойда Володимир Павлович	6505912521	4	Н-1224-2017	4
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Лівшиця	Рашба Георгій Ілліч	13005750500	5	-	4
Фізичний	Кафедр фізики твердого тіла	Рохмістров Дмитро Володимирович	14033413500	6	-	-
Фізичний	Кафедра загальної фізики	Савченко Олена Максимівна	8369618100	1	-	-
Фізичний	Кафедр експериментальної фізики	Самсонік Олександр Лукич	6603659584	4	Е-9245-2019	4
Фізичний	Кафедр експериментальної фізики	Сухов Володимир Миколайович	7005223244	10	Е-9219-2019	8
Фізичний	Кафедра загальної фізики	Таранова Інна Анатоліївна	6506863145	1	-	-

Фізичний	Кафедр фізики твердого тіла	Ткаченко Микола Васильович	23768425900	5	–	–
Фізичний	Кафедр фізики твердого тіла	Тонкопряд Алла Григорівна	6506622391	2	–	–
Фізичний	Кафедра фізики низьких температур	Хаджай Георгій Ярославович	6506908246	10	–	–
Фізичний	Кафедр вищої математики	Чибісов Дмитро Васильович	6507921519	5	-	-
Фізичний	Кафедр експериментальної фізики	Чурілов Ігор Георгійович	54960972400	3	E-9266-2019	2
Фізичний	Кафедра експериментальної фізики	Шеховцов Олег Валерійович	7801581442	3	–	–
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Шкловський Валерій Олександрович	7003889157	17	-	15
Фізичний	Кафедр фізики твердого тіла	Шуринов Роман Володимирович	24577883200	2	–	–
Фізичний	Кафедра експериментальної фізики	Шуринова Олена Володимирівна	6505938495	3	–	–
Фізичний	Кафедра фізичної оптики	Юнакова Ольга Миколаївна	6602773575	6	E-9198-2019	6
Філософський	Кафедр теоретичної і практичної філософії	Перепелиця Олег Миколайович	57194519241	1	–	–
Хімічний	Кафедра фізичної хімії	Бондарев Микола Васильович	7005107580	5	–	–
Хімічний	Кафедра неорганічної хімії	В'юник Іван Миколайович	6603161378	2	–	–
Хімічний	Кафедра прикладної хімії	Вітушкіна Світлана Василівна	6507331488	4	–	–
Хімічний	Кафедра фізичної хімії	Водолазька Наталія Олександрівна	8041569600	15	–	14
Хімічний	Кафедра фізичної хімії	Гога Сергій Тарасович	8731865000	3	–	–
Хімічний	Кафедра органічної хімії	Дорошенко Андрій Олегович	7005978594	18	A-1569-2017	18
Хімічний	Кафедра фізичної хімії	Сльцов Сергій Віталійович	24824081900	2	–	–
Хімічний	Кафедра хімічного матеріалознавства	Захаров Антон Борисович	53864282200	3	R-5532-2016	3
Хімічний	Кафедра хімічного матеріалознавства	Іванов Володимир Венедиктович	55647112600	11	–	12
Хімічний	Кафедра неорганічної хімії	Калугін Олег Миколайович	6603782503	15	–	16
Хімічний	Кафедра фізичної хімії	Камнева Ніка Миколаївна	56373379200	6	–	5
Хімічний	Кафедра органічної хімії	Кириченко Олександр Васильович	6603879776	24	F-1286-2011	22
Хімічний	Кафедра неорганічної хімії	Кійко Сергій Михайлович	6507638844	2	–	–
Хімічний	Кафедра органічної хімії	Коваленко Сергій Миколайович	7101988068	13	–	12
Хімічний	Кафедра неорганічної хімії	Колесник Ярослав Валентинович	7003798656	4	–	–
Хімічний	Кафедра органічної хімії	Колос Надія Миколаївна	56063456900	9	–	9
Хімічний	Кафедра органічної хімії	Колосов Максим Олександрович	23035045800	7	F-3601-2019	6
Хімічний	Кафедра хімічної метрології	Коновалова Ольга Юрївна	24773554100	2	–	–
Хімічний	Кафедра хімічного матеріалознавства	Коробов Олександр Ісаакович	57190867919	8	–	7

Хімічний	Кафедра неорганічної хімії	Корсун Олександр Миколайович	56040039000	4	В-9572-2019	4
Хімічний	Кафедра хімічного матеріалознавства	Котляр Володимир Миколайович	36144098500	1	–	–
Хімічний	Кафедра прикладної хімії	Кравченко Андрій Васильович	9335679700	9	–	9
Хімічний	Кафедра прикладної хімії	Кравченко Олексій Андрійович	37050770000	1	–	–
Хімічний	Кафедра прикладної хімії	Красноперова Алла Петрівна	6701719047	2	–	–
Хімічний	Кафедра фізичної хімії	Лагута Анна Миколаївна	56461333900	2	–	–
Хімічний	Кафедра фізичної хімії	Лебідь Олександр Валентинович	14525033900	5	–	–
Хімічний	Кафедра фізичної хімії	Мчедлов-Петросян Микола Отарович	6602888346	23	–	–
Хімічний	Кафедра хімічної метрології	Нікітіна Наталія Олександрівна	7101860119	4	–	–
Хімічний	Кафедра хімічного матеріалознавства	Пантелеймонов Антон Віталійович	7801330387	5	Ж-8893-2014	–
Хімічний	Кафедра неорганічної хімії	Панченко Валентина Григорівна	57189287790	2	У-4367-2017	2
Хімічний	Кафедра хімічної метрології	Решетняк Олена Олександрівна	6603383572	4	–	–
Хімічний	Кафедра хімічного матеріалознавства	Рошаль Олександр Давидович	6603678520	12	Н-2067-2016	10
Хімічний	Кафедра неорганічної хімії	Рябчунова Анастасія Валеріївна	55749894400	1	–	–
Хімічний	Кафедра органічної хімії	Сидоренко Дмитро Юрійович	36923110700	3	Р-9069-2016	–
Хімічний	Кафедра прикладної хімії	Ткаченко Володимир Володимирович	55777396100	3	–	–
Хімічний	Кафедра хімічного матеріалознавства	Ткаченко Олег Сергійович	55809109100	2	–	–
Хімічний	Кафедра фізичної хімії	Фарафонов Володимир Сергійович	56717430500	5	–	–
Хімічний	Кафедра фізичної хімії	Харченко Анастасія Юрївна	56374059600	3	–	–
Хімічний	Кафедра хімічного матеріалознавства	Хрістенко Інна Василівна	7004063527	4	–	–
Хімічний	Кафедра фізичної хімії	Чейпеш Тетяна Олександрівна	55217731100	4	–	–
Хімічний	Кафедра органічної хімії	Чепелева Людмила Володимирівна	6506932412	7	–	6
Хімічний	Кафедра прикладної хімії	Черановський Владислав Олегович	56058438500	7	–	6
Хімічний	Кафедра фізичної хімії	Шеховцов Сергій Вікторович	36776651800	6	–	–
Хімічний	Кафедра хімічної метрології	Юрченко Олег Іванович	7003279390	2	–	–
РАЗОМ						
				1787		1125

Таблиця 5. Наукові, науково – педагогічні працівники, які мають не менше п'яти публікацій у періодичних виданнях, які на час публікації було включено до наукометричних баз Scopus або Web of Science

Факультет (Інститут)	Кафедра, відділ тощо	Прізвище, ім'я, по батькові, науково- педагогічно го працівника	Кіл- ть публі кацій Scopus	Назва та реквізити публікацій Scopus (прирівняні відзнаки)	Кіл-сть публіка цій Web of Science	Назва та реквізити публікацій Web of Science (прирівняні відзнаки)
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Азаренков Микола Олександрович	74	<ol style="list-style-type: none"> 1. Self-Sustained Plasma-Beam Discharge at High Energy Density, 2018, IEEE Transactions on Plasma Science,46,10,8356202,3541. 2. Effect of electron irradiation on the scattering of carriers in YBa₂Cu₃O_{7-δ} single crystals, 2018, Low Temperature Physics,44,8,860. 3. Effect of electron irradiation on the scattering of carriers in YBa₂Cu₃O_{7-δ} single crystals, 2018, Fizika Nizkikh Temperatur,44,8,1100. 4. The efficiency of the pulsed power input in the limited plasma diode, 2018, IEEE International Pulsed Power Conference,2017-June,8291229. 5. Anomalous diffusion of plasma in the lower hybrid cavities observed in the terrestrial ionosphere, 2018, Problems of Atomic Science and Technology,118,6,117. 6. Cyclotron resonance conditions in current-carrying plasmas, 2018, Problems of Atomic Science and Technology,118,6,94. 7. Electromagnetic model of gas discharge in long tube of slightly varying radius, 2018, Problems of Atomic Science and Technology,118,6,113. 8. The application of metal hydride based on ZR-V alloy in hydrogen plasma, 2018, "Hydrides: Types, Bonds and Applications",149 9. Modelling of the electromagnetic surface waves propagation on the interface between the left-handed metamaterial and the dissipative dielectric, 2018,Problems of Atomic Science and Technology,118,6,109. 10. Electron energy probability function and dust charge in the temporal afterglow of a plasma with large dust density, 2018, Problems of Atomic Science and Technology,118,6,202. 11. Efficiency of the dose rate calculation by monte-carlo method and point kernel method when handling radioactive waste, 2018, Problems of Atomic Science and Technology,114,2,63 12. "The influence of boron on the kinetics of phase formation, the dislocation structure, and the diffusion parameters of nickel", 2018, Problems of Atomic Science and Technology,113,1,18. 13. Electron energy probability function in the temporal afterglow of a dusty plasma, 2018, Physics of Plasmas,25,1,13703. 14. Effect of electron irradiation on excess conductivity of single Y1Ba2Cu3O7-δ crystals, 2018, Functional Materials,25,2,234. 15. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, 2018, Problems of Atomic Science and Technology,118,6,198. 16. Electrodes dimensions effect on the self-sustained plasma-beam discharge 	76	<ol style="list-style-type: none"> 1. A Cm-Scale Self-Powered Intelligent And Secure Iot Edge Mote Featuring An Ultra-Low-Power Soc In 14nm Tri-Gate Cmos,2018 Ieee International Solid-State Circuits Conference - (Isscc), 2018,46, 2. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, 2018,4,156,159, 3. Electron Energy Probability Function In The Temporal Afterglow Of A Dusty Plasma,Physics Of Plasmas, 2018,25,1,13703 4. Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieee Transactions On Plasma Science, 2018,46,10,3541,3546, 5. Effect Of Electron Irradiation On The Scattering Of Carriers In Yba2cu3o7-Delta Single Crystals,Low Temperature Physics, 2018,44,8,860,862, 6. Cyclotron Resonance Conditions In Current-Carrying Plasmas,Problems Of Atomic Science And Technology, 2018,6,94,97, 7. Modelling Of The Electromagnetic Surface Waves Propagation On The Interface Between The Left-Handed Metamaterial And The Dissipative Dielectric,Problems Of Atomic Science And Technology, 2018,6,109,112, 8. Electromagnetic Model Of Gas Discharge In Long Tube Of Slightly Varying Radius,Problems Of Atomic Science And Technology, 2018,6,113,116, 9. Anomalous Diffusion Of Plasma In The Lower Hybrid Cavities Observed In The Terrestrial Ionosphere,Problems Of Atomic Science And Technology, 2018,6,117,120, 10. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, 2018,6,198,201, 11. Electron Energy Probability Function And Dust Charge In The Temporal Afterglow Of A Plasma With Large Dust Density,Problems Of Atomic Science And Technology, 2018,6,202,205, 12. "The Influence Of Boron On The Kinetics Of Phase Formation, The Dislocation Structure, And The Diffusion Parameters Of Nickel",Problems Of Atomic Science And Technology, 2018,1,18,23, 13. Effect Of Electron Irradiation On Excess Conductivity Of Single Y1ba2cu3o7-Delta Crystals,Functional Materials, 2018,25,2,234,240, 14. Mykola Fedorovych Shul'ga(70the Anniversary Of Birth),East European Journal Of Physics, 2018,5,1,102,103,

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Electromagnetic wave propagation through magnetoactive plasma layers, 2017, Problems of Atomic Science and Technology,107,1,84.</p> <p>23. Heuristic solution of Langmuir problem in arbitrary domain, 2017, Ukrainian Journal of Physics,62,1,33</p> <p>24. Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain, 2017, Problems of Atomic Science and Technology,107,1,96.</p> <p>25. The capacitive component of double layer current in plasma, 2017, Problems of Atomic Science and Technology,107,1,219.</p> <p>26. Instability of field-Aligned electron-cyclotron waves in a magnetic mirror plasma with anisotropic temperature, 2016, Journal of Plasma Physics,82,4,905820402.</p> <p>27. "Electron energy distribution function, effective electron temperature, and dust charge in the temporal afterglow of a plasma", 2016, Physics of Plasmas,23,5,53704.</p> <p>28. 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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Гірка Ігор Олександрович	38	<p>1. Higher radial modes of azimuthal surface waves in magnetoactive cylindrical plasma waveguides, 2018, Journal of Plasma Physics,84,6,905840603,</p> <p>2. Two mechanisms of resonance overlapping in excitation of azimuthal surface waves by rotating relativistic electron beams, 2018, Physics of Plasmas,25,5,52111,</p> <p>3. Excitation of higher radial modes of azimuthal surface waves in the electron cyclotron frequency range by rotating relativistic flow of electrons in cylindrical waveguides partially filled by plasmas, 2018, Physics of Plasmas,25,5,52109,</p> <p>4. Discretized collision operator for simulations of fusion non-maxwellian plasma relaxation, 2018, Problems of Atomic Science and Technology,118,6,101</p> <p>5. Charging of a macroparticle in cathodic arc sheath, 2018, Problems of Atomic Science and Technology,116,4,176</p> <p>6. Efficiency of the dose rate calculation by monte-carlo method and point kernel method when handling radioactive waste, 2018, Problems of Atomic Science and Technology,114,2,63</p> <p>7. Electromagnetic surface wave excitation and energy transport along a plane plasma boundary, 2018, Problems of Atomic Science and</p>	33	<p>1. Excitation Of Higher Radial Modes Of Azimuthal Surface Waves In The Electron Cyclotron Frequency Range By Rotating Relativistic Flow Of Electrons In Cylindrical Waveguides Partially Filled By Plasmas,Physics Of Plasmas, 2018,25,5,52109</p> <p>2. Higher Radial Modes Of Azimuthal Surface Waves In Magnetoactive Cylindrical Plasma Waveguides,Journal Of Plasma Physics, 2018,84,6,905840603</p> <p>3. Two Mechanisms Of Resonance Overlapping In Excitation Of Azimuthal Surface Waves By Rotating Relativistic Electron Beams,Physics Of Plasmas, 2018,25,5,52111</p> <p>4. Discretized Collision Operator For Simulations Of Fusion Non-Maxwellian Plasma Relaxation,Problems Of Atomic Science And Technology, 2018,6,101,</p> <p>5. Electromagnetic Surface Wave Excitation And Energy Transport Along A Plane Plasma Boundary,Problems Of Atomic Science And Technology, 2018,6,105,</p> <p>6. Charging Of A Macroparticle In Cathodic Arc Sheath,Problems Of Atomic Science And Technology, 2018,4,176,</p> <p>7. Mykola Fedorovych Shul'ga(70th Anniversary Of Birth),East European Journal Of Physics, 2018,5,1,102,</p>

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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Грицина Василь Тимофійович	12	<p>1. On the possibility of using magnesium oxide for selective detection of fast neutrons, 2018, Radiation Effects and Defects in Solids,173,03.amp,223</p> <p>2. Growth and characterization of titanium doped spinel crystals, 2018, Acta Physica Polonica A,133,4,774</p> <p>3. Spectroscopic studies of defects in gamma- and neutron-irradiated magnesium aluminates spinel ceramics, 2017, Problems of Atomic Science and Technology,111,5,8</p> <p>4. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, 2016, Journal of Surface Investigation,10,6,1239</p> <p>5. Changes in the composition and optical properties of Cu and Cu2O nanofilms deposited on SiO2substrates after annealing and bombardment by argon and hydrogen ions, 2014, Journal of Surface Investigation,8,6,1339</p> <p>6. Ion-photon emission under ion bombardment of garnet structures of different composition, 2014, Vacuum,105,91</p> <p>7. Infrared spectroscopy studies of magnesium aluminates spinel crystals, 2013, Solid State Phenomena,200,209</p>	8	<p>1. Growth And Characterization Of Titanium Doped Spinel Crystals,"Gritsyna, V. T.; Kazarinov, Yu. G.; Kobayakov, V. A.; Lytvynov, L. A.",Acta Physica Polonica A, 2018, 133,4,774</p> <p>2. On The Possibility Of Using Magnesium Oxide For Selective Detection Of Fast Neutrons,"Kvatchadze, V. G.; Gritsyna, V. T.; Abramishvili, M. G.; Dekanozishvili, G. G.; Galustashvili, M. V.; Tavkhelidze, V. M.",Radiation Effects And Defects In Solids, 2018, 173,03.Amp,223</p> <p>3. Spectroscopic Studies Of Defects In Gamma- And Neutron-Irradiated Magnesium Aluminates Spinel Ceramics,"Kazarinov, Yu.; Kvatchadze, V.; Gritsyna, V.; Abramishvili, M.; Akhvlediani, Z.; Galustashvili, M.; Dekanozishvili, G.; Kalabegishvili, T.; Tavkhelidze, V.",Problems Of Atomic Science And Technology, 2017, ,5,8</p> <p>4. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,"Bobkov, V. V.; Gritsyna, V. T.; Gritsyna, V. T.; Afanasieva, I. A.; Shevchenko, D. I.",Journal Of Surface Investigation, 2016, 10,6,1239</p> <p>5. Ion-Photon Emission Under Ion Bombardment Of Garnet Structures Of</p>

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Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Лісовський Валерій Олександрович	32	<ol style="list-style-type: none"> 1. Investigation of DC glow discharge in CO2 using optical emission spectroscopy, 2018, Problems of Atomic Science and Technology,118,6,206 2. Cathode design effect on gas breakdown and modes of burning of the glow discharge in nitrogen, 2018, Problems of Atomic Science and Technology,116,4,150 3. Structure and modes of dc glow discharge in nitrogen with hollow cathode or anode, 2018, Problems of Atomic Science and Technology,118,6,210 4. Current gain of a pulsed DC discharge in low-pressure gases, 2017, Vacuum,145,194 5. Electric field non-uniformity effect on dc low pressure gas breakdown between flat electrodes, 2017, Vacuum,145,19 6. Influence of the inter-electrode gap on the cathode sheath characteristics (voltage drop across it and its thickness), 2017, Physics of Plasmas,24,5,53501, 7. Positive column contraction of the glow discharge in nitrogen, 2017, Problems of Atomic Science and Technology,107,1,144 8. Child-langmuir law for cathode sheath of glow discharge in CO2, 2017, Problems of Atomic Science and Technology,107,1,140 9. Child-Langmuir law applicability for a cathode sheath description of glow discharge in hydrogen, 2016, Physica Scripta,91,8,85601, 10. "Normal mode of DC discharge in argon, hydrogen and oxygen", 2016, Problems of Atomic Science and Technology,106,6,223 11. Forming a unipolar pulsed discharge in nitrogen, 2016, Problems of Atomic Science and Technology,106,6,227 12. Reduced electric field in the positive column of the glow discharge in argon, 2015, Vacuum,122,6795,75 13. DC breakdown in low-pressure CF4, 2015, Journal of Physics D: Applied Physics,48,47,475201, 14. Inter-electrode distance effect on dc discharge characteristics in nitrogen, 2015, Problems of Atomic Science and Technology,98,4,202 15. Does electric field nonuniformity affect gas breakdown?, 2015, Problems of Atomic Science and Technology,98,4,211 	33	<ol style="list-style-type: none"> 1. Investigation Of Dc Glow Discharge In Co2 Using Optical Emission Spectroscopy,Problems Of Atomic Science And Technology, 2018,6,206, 2. Structure And Modes Of Dc Glow Discharge In Nitrogen With Hollow Cathode Or Anode,Problems Of Atomic Science And Technology, 2018,6,210, 3. Cathode Design Effect On Gas Breakdown And Modes Of Burning Of The Glow Discharge In Nitrogen,Problems Of Atomic Science And Technology, 2018,4,150, 4. Electric Field Non-Uniformity Effect On Dc Low Pressure Gas Breakdown Between Flat Electrodes,Vacuum, 2017,145,19, 5. Influence Of The Inter-Electrode Gap On The Cathode Sheath Characteristics (Voltage Drop Across It And Its Thickness),Physics Of Plasmas, 2017,24,5,53501 6. Child-Langmuir Law For Cathode Sheath Of Glow Discharge In Co2,Problems Of Atomic Science And Technology, 2017,1,140, 7. Positive Column Contraction Of The Glow Discharge In Nitrogen,Problems Of Atomic Science And Technology, 2017,1,144, 8. Current Gain Of A Pulsed Dc Discharge In Low-Pressure Gases,Vacuum, 2017,145,194, 9. Current Gain In Unipolar Pulsed Discharge In Low-Pressure Carbon Dioxide,East European Journal Of Physics, 2017,4,4,71, 10. Child-Langmuir Law Applicability For A Cathode Sheath Description Of Glow Discharge In Hydrogen,Physica Scripta, 2016,91,8,85601 11. "Normal Mode Of Dc Discharge In Argon, Hydrogen And Oxygen",Problems Of Atomic Science And Technology, 2016,6,223, 12. Forming A Unipolar Pulsed Discharge In Nitrogen,Problems Of Atomic Science And Technology, 2016,6,227, 13. Reduced Electric Field In The Positive Column Of The Glow Discharge In Argon,Vacuum, 2015,122,75, 14. Calculating Reduced Electric Field In Diffusion Regime Of Dc Discharge Positive Column,Problems Of Atomic Science And Technology, 2015,1,205, 15. Dc Breakdown In Low-Pressure Cf4,Journal Of Physics D-Applied

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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Денисенко Ігор Борисович	15	<ol style="list-style-type: none"> 1. Electron energy probability function and dust charge in the temporal afterglow of a plasma with large dust density, 2018, Problems of Atomic Science and Technology,118,6,202 2. Electron energy probability function in the temporal afterglow of a dusty plasma, 2018, Physics of Plasmas,25,1,13703, 3. Electromagnetic wave propagation through magnetoactive plasma layers, 2017, Problems of Atomic Science and Technology,107,1,84 4. "Electron energy distribution function, effective electron temperature, and 	15	<ol style="list-style-type: none"> 1. Electron Energy Probability Function And Dust Charge In The Temporal Afterglow Of A Plasma With Large Dust Density, 2018, Problems Of Atomic Science And Technology,118,6,202 2. Electron Energy Probability Function In The Temporal Afterglow Of A Dusty Plasma, 2018, Physics Of Plasmas,25,1,13703, 3. Electromagnetic Wave Propagation Through Magnetoactive Plasma Layers, 2017, Problems Of Atomic Science And Technology,107,1,84 4. "Electron Energy Distribution Function, Effective Electron Temperature,

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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Бізуков Олександр Анатолійович	29	<ol style="list-style-type: none"> 1. Ion induced millimetre-scale structures growth on metal surfaces, 2018, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",420,46 2. Charging of a macroparticle in cathodic arc sheath, 2018, Problems of Atomic Science and Technology,116,4,176 3. Aluminium surface morphology behaviour under high-flux helium ion bombardment, 2017, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",405,31 4. Decay of liquid metallic macroparticles in plasmabeam systems due to rayleigh instability, 2017, Problems of Atomic Science and Technology,107,1,163 5. The size effect and X-RAY fluorescenc spectra of metallic nanoparticles, 2017, Problems of Atomic Science and Technology,107,1,179 6. Transport of a macroparticle in vacuum arc sheath, 2016, IEEE Transactions on Plasma Science,44,7,7486120,1050 7. Vaporization of metallic macroparticles in the high temperature technology 	30	<ol style="list-style-type: none"> 1. Ion Induced Millimetre-Scale Structures Growth On Metal Surfaces,"Girka, O.; Bizyukov, O.; Balkova, Y.; Myroshnyk, M.; Bizyukov, I.; Bogatyrenko, S.",Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2018, 420,,46,49, 2. Charging Of A Macroparticle In Cathodic Arc Sheath,"Romashchenko, E., V; Bizyukov, A. A.; Girka, I. O.",Problems Of Atomic Science And Technology, 2018, ,4,176,180, 3. Aluminium Surface Morphology Behaviour Under High-Flux Helium Ion Bombardment,"Girka, O.; Bizyukov, O.; Bogatyrenko, S.; Bizyukov, I.",Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2017, 405,,31,35, 4. Phase States Of Macroparticles In Plasma With Hot Electrons At Presence Of Ion Beam,"Bizyukov, O. A.; Chibisov, O. D.; Kutenko, O. I.",East European Journal Of Physics, 2017, 4,3,48,53, 5. Decay Of Liquid Metallic Macroparticles In Plasma-Beam Systems Due To

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Фізико-технічний	Кафедра теоретично і ядерної фізики та вищої математики імені О.І. Ахієзера	Павленко Іван Вікторович	17	<ol style="list-style-type: none"> 1. Two mechanisms of resonance overlapping in excitation of azimuthal surface waves by rotating relativistic electron beams, 2018, Physics of Plasmas,25,5,52111, 2. Excitation of higher radial modes of azimuthal surface waves in the electron cyclotron frequency range by rotating relativistic flow of electrons in cylindrical waveguides partially filled by plasmas, 2018, Physics of Plasmas,25,5,52109, 3. Electromagnetic surface wave excitation and energy transport along a plane plasma boundary, 2018, Problems of Atomic Science and Technology,118,6,105 4. Buildup of plasma oscillations during modeling the electromagnetic wave propagation, 2016, Problems of Atomic Science and Technology,106,6,40 5. Drift resonance and particle removal from helical plasma, 2015, Problems of Atomic Science and Technology,95,1,12 6. Excitation of the surface flute waves in electron cyclotron frequency range by internal rotating electron beam in a coaxial waveguide, 2014, Physica Scripta,89,12,125605, 7. "3-D discrete dispersion relation, numerical stability, and accuracy of the hybrid FDTD model for cold magnetized toroidal plasma", 2014, IEEE Transactions on Antennas and Propagation,62,12,6918408,6307 8. Precision of a fdttd method to simulate cold magnetized plasmas, 2014, Problems of Atomic Science and Technology,94,6,37 9. Excitation of the azimuthal surface waves in electron cyclotron frequency range by rotating electron beam in a coaxial waveguide, 2014, IEEE Transactions on Plasma Science,42,3,6727518,735 10. Excitation of azimuthal surface waves in toroidal waveguide by rotating electron beam at the range of electron cyclotron resonance, 2014, Progress In Electromagnetics Research B,57,267 11. Excitation of high-frequency azimuthal surface waves by an annular electron beam in a waveguide with a noncircular interface of the plasma column, 2013, Plasma Physics Reports,39,5,399 12. Effect of the minority ions on the icrf heating of fusion plasmas, 2012, Problems of Atomic Science and Technology,6,43 13. Effect of plasma rotation on the resonance magnetic perturbations at the edge of tokamak plasmas, 2012, Problems of Atomic Science and Technology,6,61 14. Coupled azimuthal modes propagating in current-carrying plasma waveguides, 2012, Journal of Plasma Physics,78,2,105 15. Possibility of excitation of azimuthal surface waves in a magnetized plasma by annular ion beams, 2012, Technical Physics Letters,38,2,178 16. Influence of the shape of the cross section of a plasma-dielectric interface on the dispersion properties of high-frequency azimuthal surface modes, 2012, Plasma Physics Reports,38,2,126 17. Influence of the plasma column cross-section non-circularity on the excitation of the azimuthal surface waves in electron cyclotron frequency range by annular electron beam, 2012, Progress In Electromagnetics Research M,26,39 	11	<ol style="list-style-type: none"> 1. Current Methods For The Assessment Of Oxygen Status And Biotissue Microcirculation Condition: Diffuse Optical Spectroscopy (Review),Sovremennye Tehnologii V Medicine, 2018,10,4,183, 2. Hydrodynamic Features Of Gas-Liquid Flow Movement In A Separation Device Plane Channel With An Oscillating Wall,Problemele Energeticii Regionale, 2018,3,62, 3. Hypoxic Preconditioning Of The Skin Graft Donor Area: Clinical And Morphological Assessment,Sovremennye Tehnologii V Medicine, 2018,10,3,110, 4. Dynamic Analysis Of Centrifugal Machines Rotors Supported On Ball Bearings By Combined Application Of 3d And Beam Finite Element Models,"Xv International Scientific And Engineering Conference Hermetic Sealing, Vibration Reliability And Ecological Safety Of Pump And Compressor Machinery (Hervicon+Pumps-2017)", 2017,233,Unsp 012053 5. Buildup Of Plasma Oscillations During Modeling The Electromagnetic Wave Propagation,Problems Of Atomic Science And Technology, 2016,6,40, 6. Precision Of A Fdttd Method To Simulate Cold Magnetized Plasmas,Problems Of Atomic Science And Technology, 2014,6,37, 7. Excitation Of High-Frequency Azimuthal Surface Waves By An Annular Electron Beam In A Waveguide With A Noncircular Interface Of The Plasma Column,Plasma Physics Reports, 2013,39,5,399, 8. Influence Of The Shape Of The Cross Section Of A Plasma-Dielectric Interface On The Dispersion Properties Of High-Frequency Azimuthal Surface Modes,Plasma Physics Reports, 2012,38,2,126, 9. Possibility Of Excitation Of Azimuthal Surface Waves In A Magnetized Plasma By Annular Ion Beams,Technical Physics Letters, 2012,38,2,178, 10. Effect Of The Minority Ions On The Icrf Heating Of Fusion Plasmas,Problems Of Atomic Science And Technology, 2012,6,43, 11. Effect Of Plasma Rotation On The Resonance Magnetic Perturbations At The Edge Of Tokamak Plasmas,Problems Of Atomic Science And Technology, 2012,6,61,
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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Олефір Володимир Петрович	11	<ol style="list-style-type: none"> 1. Personality resources as a mediator of the relationship between antecedents of stress and pre-competitive anxiety, 2018, Journal of Physical Education and Sport,18,4,335,2230 2. Fast and accurate algorithm of 3D magnetic surfaces reconstruction in stellarators, 2018, Problems of Atomic Science and Technology,118,6,27 3. Electromagnetic model of gas discharge in long tube of slightly varying radius, 2018, Problems of Atomic Science and Technology,118,6,113 4. Modelling of the electromagnetic surface waves propagation on the interface between the left-handed metamaterial and the dissipative dielectric, 2018, Problems of Atomic Science and Technology,118,6,109 5. Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field, 2017, Contributions to Plasma Physics,57,5,196 6. Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain, 2017, Problems of Atomic Science and Technology,107,1,96 7. Slow and fast surface electromagnetic waves in planar structures contained left-handed material, 2015, Problems of Atomic Science and Technology,98,4,306 8. Eigen dipolar electromagnetic waves of coaxial non-uniform plasma-metall waveguide with external azimuth magnetic field, 2015, Problems of Atomic Science and Technology,95,1,77 9. Surface electromagnetic waves in left-handed material slab embedded in plasmalike media, 2014, Problems of Atomic Science and Technology,94,6,112 10. Eigen dipolar electromagnetic waves of coaxial plasma-metall waveguide structure with azimuth magnetic field, 2013, Problems of Atomic Science and Technology,1,93 11. Phase and group velocities of electromagnetic eigen waves of left-hand material slab, 2012, Problems of Atomic Science and Technology,6,87 	10	<ol style="list-style-type: none"> 1. Fast And Accurate Algorithm Of 3d Magnetic Surfaces Reconstruction In Stellarators,Problems Of Atomic Science And Technology, 2018,6,27 2. Modelling Of The Electromagnetic Surface Waves Propagation On The Interface Between The Left-Handed Metamaterial And The Dissipative Dielectric,Problems Of Atomic Science And Technology, 2018,6,109 3. Electromagnetic Model Of Gas Discharge In Long Tube Of Slightly Varying Radius,Problems Of Atomic Science And Technology, 2018,6,113 4. Surface Electromagnetic Waves On Boundary Between Lossy Dielectric And Left-Handed Material With Gain,Problems Of Atomic Science And Technology, 2017,1,96 5. Eigen Electromagnetic Waves Of A Coaxial Waveguiding Structure Filled By A Non-Uniform Dissipative Plasma With Azimuthal Magnetic Field,Contributions To Plasma Physics, 2017,57,5,196 6. Eigen Dipolar Electromagnetic Waves Of Coaxial Non-Uniform Plasma-Metall Waveguide With External Azimuth Magnetic Field,Problems Of Atomic Science And Technology, 2015,1,77 7. Slow And Fast Surface Electromagnetic Waves In Planar Structures Contained Left-Handed Material,Problems Of Atomic Science And Technology, 2015,4,306 8. Surface Electromagnetic Waves In Left-Handed Material Slab Embedded In Plasmalike Media,Problems Of Atomic Science And Technology, 2014,6,112 9. Eigen Dipolar Electromagnetic Waves Of Coaxial Plasma-Metall Waveguide Structure With Azimuth Magnetic Field,Problems Of Atomic Science And Technology, 2013,1,93 10. Phase And Group Velocities Of Electromagnetic Eigen Waves Of Left-Hand Material Slab,Problems Of Atomic Science And Technology, 2012,6,87
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Грицина Валентина Валентинівна	9	<ol style="list-style-type: none"> 1. On excited particle formation in crossed E×H fields, 2018, Vacuum,149,124 2. Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions, 2017, Journal of Surface Investigation,11,1,146 3. Effect of annealing on the secondary particles emission from the zirconium alloy surface, 2017, Problems of Atomic Science and Technology,110,4,39 4. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, 2016, Journal of Surface Investigation,10,6,1239 5. On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet, 2016, Vacuum,129,148 6. Ion-photon emission under ion bombardment of garnet structures of different composition, 2014, Vacuum,105,91 7. Effect of modification sapphire surface under ion irradiation on the excited particles yield, 2013, Problems of Atomic Science and Technology,87,5,33 	9	<ol style="list-style-type: none"> 1. On Excited Particle Formation In Crossed Exh Fields,Vacuum, 2018,149,124 2. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, 2017,4,39 3. Comparison Of The Main Parameters Of The Ion-Photon Emission Of Titanium Atoms And Singly Charged Ions,Journal Of Surface Investigation, 2017,11,1,146 4. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,Journal Of Surface Investigation, 2016,10,6,1239 5. On The Mechanisms Of Formation Of Excited Yttrium Atoms Under Ion Bombardment Of Yttrium And Yttrium-Aluminum Garnet,Vacuum, 2016,129,148 6. Ion-Photon Emission Under Ion Bombardment Of Garnet Structures Of Different Composition,Vacuum, 2014,105,91 7. Effect Of Modification Sapphire Surface Under Ion Irradiation On The

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Фізико-технічний	Кафедра ядерної та медичної фізики	Федорець Іван Дмитрович	16	1. Photonuclear production of F-18, 2018 , Problems of Atomic Science and Technology,115,3,146 2. The content of natural radioactive isotopes in soil of Kharkov region, 2017 , Problems of Atomic Science and Technology,109,3,55 3. Photonuclear production of Yb-175, 2017 , Problems of Atomic Science and Technology,112,6,130 4. Ion exchange in photoactivated inorganic matters, 2017 , Problems of Atomic Science and Technology,109,3,40 5. The effect of gamma radiation on structure of struvite-K, 2017 , Problems of Atomic Science and Technology,112,6,122	17	1. Photonuclear Production Of F-18,Problems Of Atomic Science And Technology, 2018 ,3,146 2. The Effect Of Gamma Radiation On Structure Of Struvite-K,Problems Of Atomic Science And Technology, 2017 ,6,122 3. Ion Exchange In Photoactivated Inorganic Matters,Problems Of Atomic Science And Technology, 2017 ,3,40 4. Photonuclear Production Of Yb-175,Problems Of Atomic Science And Technology, 2017 ,6,130 5. The Content Of Natural Radioactive Isotopes In Soil Of Kharkov Region,Problems Of Atomic Science And Technology, 2017 ,3,55

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Фізико-технічний	Кафедра матеріалів реактору дування та фізичних технологій	Целуйко Олександр Федорович	24	<ol style="list-style-type: none"> 1. Self-Sustained Plasma-Beam Discharge at High Energy Density, 2018, IEEE Transactions on Plasma Science,46,10,8356202,3541 2. The efficiency of the pulsed power input in the limited plasma diode, 2018, IEEE International Pulsed Power Conference,2017-June,8291229, 3. The application of metal hydride based on ZR-V alloy in hydrogen plasma, 2018, "Hydrides: Types, Bonds and Applications",149 4. Hydrogen injector based on penning discharge with metal hydride cathode, 2018, Problems of Atomic Science and Technology,118,6,222 5. Electromagnetic filter for h- separation from pig with metal hydride cathode, 2018, Problems of Atomic Science and Technology,116,4,282 	23	<ol style="list-style-type: none"> 1. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, 2018,4,156, 2. Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieeec Transactions On Plasma Science, 2018,46,10,3541, 3. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, 2018,6,198, 4. Hydrogen Injector Based On Penning Discharge With Metal Hydride Cathode,Problems Of Atomic Science And Technology, 2018,6,222,

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Фізико-технічний	Кафедра ядерної та медичної фізики	Бараннік Євген Олександрович	8	<ol style="list-style-type: none"> 1. Influence of He+ long-time irradiation on silica luminescence spectrum, 2017, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",407,5 2. The effect of blood acceleration on the ultrasound power Doppler spectrum, 2017 ,Acoustical Physics,63,5,596 3. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment, 2016, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",366,90 4. Characterization of blood-mimicking fluid flow turbulence with pulsed-wave Doppler ultrasound, 2015, YSF 2015 - International Young Scientists Forum on Applied Physics,7333126, 5. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory, 2015, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",362,182 6. Spectral characteristics of muscular contractions: Simulation and experiment, 2014, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika),73,7,639 7. Displacement spectra under isometric muscle contraction spectral doppler study and theoretical models of ultrasound response and muscle contraction, 2012, Journal of Ultrasound in Medicine,31,12,1959 8. Correlation functions and power spectra of Doppler response signals in ultrasonic medical applications, 2012, Ultrasonics,52,5,676 	10	<ol style="list-style-type: none"> 1. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum,Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2017,407,5 2. The Effect Of Blood Acceleration On The Ultrasound Power Doppler Spectrum,Acoustical Physics, 2017,63,5,596 3. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Experiment,Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2016,366,90 4. The Influence Of The Dynamic Change Of Ultrasound System Sensitivity Function On The Spectra Of Doppler Response Signals,East European Journal Of Physics, 2016,3,2,61 5. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Theory,Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2015,362,182 6. Correlation Function And The Power Spectrum Of The Doppler Ultrasound Response Signal Of Uniformly Accelerated Scatterers In Fluid Flow,East European Journal Of Physics, 2015,2,1,36 7. Characterization Of Blood-Mimicking Fluid Flow Turbulence With Pulsed-Wave Doppler Ultrasound,2015 International Young Scientists Forum On Applied Physics (Ysf), 2015, 8. Correlation Functions And Power Spectra Of Doppler Response Signals In Ultrasonic Medical Applications,Ultrasonics, 2012,52,5,676 9. Displacement Spectra Under Isometric Muscle Contraction Spectral Doppler Study And Theoretical Models Of Ultrasonic Response And Muscle Contraction,Journal Of Ultrasound In Medicine, 2012,31,12,1959 10. Methods Of Automated Analysis Of Vendor Specific Implementation Of Stateful-Filtration,Proceedings Of The Fifth International Conference On Security Of Information And Networks, 2012,158
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Литовченко Сергій Володимирович	28	<ol style="list-style-type: none"> 1. Microstructure and Physical–Mechanical Properties of (TiAlSiY)N Nanostructured Coatings Under Different Energy Conditions, 2018, Metals and Materials International,24,5,1024 2. Structure and Mechanical Properties of TiAlSiY Vacuum-Arc Coatings Deposited in Nitrogen Atmosphere, 2018, Inorganic Materials: Applied Research,9,3,410 3. Formation of Superhard State of the TiZrHfNbTaYN Vacuum–Arc High-Entropy Coating, 2018, Journal of Superhard Materials,40,2,102 4. "The influence of boron on the kinetics of phase formation, the dislocation structure, and the diffusion parameters of nickel", 2018, Problems of Atomic Science and Technology,113,1,18 5. Influence of bias potential on the tribological behavior and physical-mechanical properties of TiAlSiY-based nanostructured coatings, 2018, Proceedings of SPIE - The International Society for Optical Engineering,10977, 109771M, 6. "Investigation of the effect of the composition of residual gases on the hardness, adhesion properties and the composition of SiC-AIN coatings deposited by the magnetron sputtering", 2018, Journal of Nano- and Electronic Physics,10,3,3028, 	19	<ol style="list-style-type: none"> 1. Dynamics Of The Plasma Electrolytic Polishing Process Of Austenitic Steel Aisi 304 In A Solution Of Ammonium Sulfate,Problems Of Atomic Science And Technology, 2018,5,126, 2. "The Influence Of Boron On The Kinetics Of Phase Formation, The Dislocation Structure, And The Diffusion Parameters Of Nickel",Problems Of Atomic Science And Technology, 2018,1,18, 3. Structure And Properties Of Vacuum Arc Single-Layer And Multiperiod Two-Layer Nitride Coatings Based On Ti(Al):Si Layers,Journal Of Nano- And Electronic Physics, 2017,9,1,1033 4. Peculiarities Of Obtaining Diamond-(Fe-Cu-Ni-Sn) Composite Materials By Hot Pressing,Functional Materials, 2017,24,1,31, 5. "Effect Of Deposition Process Parameters And High-Temperature Annealing On The Structure And Properties Of (Ti,Si)N/Mon Vacuum Arc Coatings",Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application & Properties (Nap), 2017,Unsp 01fnc21 6. "Single Layer And Multilayer Vacuum-Arc Coatings Based On The Nitride Tialsyn: Composition, Structure, Properties",Problems Of Atomic Science And Technology, 2017,4,88, 7. Structure And Mechanical Properties Of Nitride Multi-Layer Systems On

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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Середа Ігор Миколайович	21	<ol style="list-style-type: none"> 1. Self-Sustained Plasma-Beam Discharge at High Energy Density, 2018, IEEE Transactions on Plasma Science,46,10,8356202,3541 2. The efficiency of the pulsed power input in the limited plasma diode, 2018, IEEE International Pulsed Power Conference,2017-June,8291229, 3. The application of metal hydride based on ZR-V alloy in hydrogen plasma, 2018, "Hydrides: Types, Bonds and Applications",149 4. Hydrogen injector based on penning discharge with metal hydride cathode, 2018, Problems of Atomic Science and Technology,118,6,222 5. Electromagnetic filter for h- separation from pig with metal hydride cathode, 2018, Problems of Atomic Science and Technology,116,4,282 6. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, 2018, Problems of Atomic Science and Technology,118,6,198 7. Electrodes dimensions effect on the self-sustained plasma-beam discharge power, 2018, Problems of Atomic Science and Technology,116,4,156 8. Effect of metal-hydride hydrogen activation on longitudinal yield of negative ions from PIG, 2017, International Journal of Hydrogen Energy,42,34,21866 9. Longitudinal extraction of H- Ions from penning discharge with metal-hydride cathode, 2017, Problems of Atomic Science and Technology,107,1,183 10. The capacitive component of double layer current in plasma, 2017, Problems of Atomic Science and Technology,107,1,219 11. Separation of negative hydrogen ions from penning discharge with metal-hydride cathode, 2016, Problems of Atomic Science and Technology,106,6,241 12. Features of active power definition in high-current pulsed discharge, 2016, Problems of Atomic Science and Technology,106,6,48 13. Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply, 2015, Problems of Atomic Science and Technology,98,4,342 14. Dynamics of euv-radiation from the partially contracted plasma diode, 2015, Problems of Atomic Science and Technology,95,1,190 15. Optimization of the collecting mirror location in the plasma source of 	20	<ol style="list-style-type: none"> 1. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, 2018,4,156, 2. Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieee Transactions On Plasma Science, 2018,46,10,3541, 3. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, 2018,6,198, 4. Hydrogen Injector Based On Penning Discharge With Metal Hydride Cathode,Problems Of Atomic Science And Technology, 2018,6,222, 5. Electromagnetic Filter For H-Separation From Pig With Metal Hydride Cathode,Problems Of Atomic Science And Technology, 2018,4,282, 6. Effect Of Metal-Hydride Hydrogen Activation On Longitudinal Yield Of Negative Ions From Pig,International Journal Of Hydrogen Energy, 2017,42,34,21866, 7. Longitudinal Extraction Of H- Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, 2017,1,183, 8. The Efficiency Of The Pulsed Power Input In The Limited Plasma Diode,2017 Ieee 21st International Conference On Pulsed Power (Ppc), 2017, 9. The Capacitive Component Of Double Layer Current In Plasma,Problems Of Atomic Science And Technology, 2017,1,219, 10. Features Of Active Power Definition In High-Current Pulsed Discharge,Problems Of Atomic Science And Technology, 2016,6,48, 11. Separation Of Negative Hydrogen Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, 2016,6,241, 12. Optimization Of The Collecting Mirror Location In The Plasma Source Of Extreme Ultraviolet Radiation,Problems Of Atomic Science And Technology, 2015,1,174, 13. Plasma Parameters In Pig With Metal-Hydride Cathode Under Different Ways Of Hydrogen Supply,Problems Of Atomic Science And Technology, 2015,4,342,

				<p>extreme ultraviolet radiation, 2015, Problems of Atomic Science and Technology,95,1,174</p> <p>16. PIG charged particle source with hydrogen supply from a metal-hydride cathode, 2014, Journal of Physics: Conference Series,514,1,12051,</p> <p>17. Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode, 2014, Problems of Atomic Science and Technology,94,6,201</p> <p>18. Features of electron beam evaporation under surface electron beam formation, 2014, Problems of Atomic Science and Technology,94,6,149</p> <p>19. PIG with metal-hydride cathode under ion-stimulated desorption of hydrogen, 2013, Problems of Atomic Science and Technology,4,301</p> <p>20. Dynamical accelerating structures of thermoionic plasma, 2013, Problems of Atomic Science and Technology,4,61</p> <p>21. Experimental simulation of metal-hydride cathode working in penning discharge, 2013, Problems of Atomic Science and Technology,1,228</p>		<p>14. Dynamics Of Euv-Radiation From The Partially Contracted Plasma Diode,Problems Of Atomic Science And Technology, 2015,1,190,</p> <p>15. Pig Charged Particle Source With Hydrogen Supply From A Metal-Hydride Cathode,"18th International Summer School On Vacuum, Electron And Ion Technologies (Veit2013)", 2014,514,12051</p> <p>16. Influence Of Hydrogen Supply On Emissive Characteristics Of Pig With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, 2014,6,201,</p> <p>17. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation,Problems Of Atomic Science And Technology, 2014,6,149,</p> <p>18. Pig With Metal-Hydride Cathode Under Ion-Stimulated Desorption Of Hydrogen,Problems Of Atomic Science And Technology, 2013,4,301,</p> <p>19. Experimental Simulation Of Metal-Hydride Cathode Working In Penning Discharge,Problems Of Atomic Science And Technology, 2013,1,228,</p> <p>20. Dynamical Accelerating Structures Of Thermoionic Plasma,Problems Of Atomic Science And Technology, 2013,4,61,</p>
Фізико-технічний	Кафедра теоретичної і ядерної фізики та вищої математики імені О.І. Ахієзера	Танатаров Ігор Володимирович	6	<p>1. Collisional super-Penrose process and Wald inequalities, 2017, General Relativity and Gravitation,49,9,119,</p> <p>2. Bañados-Silk-West effect with nongeodesic particles: Nonextremal horizons, 2014, "Physical Review D - Particles, Fields, Gravitation and Cosmology",90,6,67502,</p> <p>3. "What happens to Petrov classification, on horizons of axisymmetric dirty black holes", 2014, Journal of Mathematical Physics,55,2,22502,</p> <p>4. Bañados-Silk-West effect with nongeodesic particles: Extremal horizons, 2013, "Physical Review D - Particles, Fields, Gravitation and Cosmology",88,6,64036,</p> <p>5. Dirty rotating black holes: Regularity conditions on stationary horizons, 2012, "Physical Review D - Particles, Fields, Gravitation and Cosmology",86,4,44019,</p> <p>6. "Phonons, rotons and riplons at interfaces", 2012, Problems of Atomic Science and Technology,1,260</p>	6	<p>1. Collisional Super-Penrose Process And Wald Inequalities,General Relativity And Gravitation, 2017,49,9,119</p> <p>2. Banados-Silk-West Effect With Nongeodesic Particles: Nonextremal Horizons,Physical Review D, 2014,90,6,67502</p> <p>3. "What Happens To Petrov Classification, On Horizons Of Axisymmetric Dirty Black Holes",Journal Of Mathematical Physics, 2014,55,2,22502</p> <p>4. Banados-Silk-West Effect With Nongeodesic Particles: Extremal Horizons,Physical Review D, 2013,88,6,64036</p> <p>5. Dirty Rotating Black Holes: Regularity Conditions On Stationary Horizons,Physical Review D, 2012,86,4,44019</p> <p>6. "Phonons, Rotons And Ripplons At Interfaces",Problems Of Atomic Science And Technology, 2012,1,260,</p>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Шевченко Дмитро Іванович	14	<p>1. SIMS Study of Hydrogen Interaction with the LaNi5 Alloy Surface, 2018, Journal of Surface Investigation,12,3,576</p> <p>2. On excited particle formation in crossed E×H fields, 2018, Vacuum,149,124</p> <p>3. SIMS study of the surface of lanthanum-based alloys, 2017, Ukrainian Journal of Physics,62,10,845</p> <p>4. Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions, 2017, Journal of Surface Investigation,11,1,146</p> <p>5. Sims study of the surface of TiFe hydride forming alloy, 2017, Ukrainian Journal of Physics,62,3,195</p> <p>6. Effect of annealing on the secondary particles emission from the zirconium alloy surface, 2017, Problems of Atomic Science and Technology,110,4,39</p> <p>7. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, 2016, Journal of Surface Investigation,10,6,1239</p> <p>8. On the mechanisms of formation of excited yttrium atoms under ion</p>	13	<p>1. On Excited Particle Formation In Crossed Exh Fields,Vacuum, 2018,149,124</p> <p>2. Sims Study Of Hydrogen Interaction With The Lani5 Alloy Surface,Journal Of Surface Investigation, 2018,12,3,576</p> <p>3. Sims Study Of The Surface Of Lanthanum-Based Alloys,Ukrainian Journal Of Physics, 2017,62,10,845</p> <p>4. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, 2017,4,39</p> <p>5. Sims Study Of The Surface Of Tife Hydride Forming Alloy,Ukrainian Journal Of Physics, 2017,62,3,195</p> <p>6. Comparison Of The Main Parameters Of The Ion-Photon Emission Of Titanium Atoms And Singly Charged Ions,Journal Of Surface Investigation, 2017,11,1,146</p> <p>7. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,Journal Of Surface Investigation, 2016,10,6,1239</p>

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Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Рябчиков Дмитро Львович	21	<p>1. The efficiency of the pulsed power input in the limited plasma diode, 2018, IEEE International Pulsed Power Conference,2017-June,8291229,</p> <p>2. Hydrogen injector based on penning discharge with metal hydride cathode, 2018, Problems of Atomic Science and Technology,118,6,222</p> <p>3. Electromagnetic filter for h- separation from pig with metal hydride cathode, 2018, Problems of Atomic Science and Technology,116,4,282</p> <p>4. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, 2018, Problems of Atomic Science and Technology,118,6,198</p> <p>5. Electrodes dimensions effect on the self-sustained plasma-beam discharge power, 2018, Problems of Atomic Science and Technology,116,4,156</p>	20	<p>1. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, 2018,4,156,</p> <p>2. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, 2018,6,198,</p> <p>3. Hydrogen Injector Based On Penning Discharge With Metal Hydride Cathode,Problems Of Atomic Science And Technology, 2018,6,222,</p> <p>4. Electromagnetic Filter For H-Separation From Pig With Metal Hydride Cathode,Problems Of Atomic Science And Technology, 2018,4,282,</p> <p>5. Effect Of Metal-Hydride Hydrogen Activation On Longitudinal Yield Of</p>

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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Калантар'ян Оганес Ваганович	12	<ol style="list-style-type: none"> 1. α-Particle induced forward-backward electron emission from titanium nitride, 2018, Problems of Atomic Science and Technology,116,4,293 2. Application of radioluminescence technique for zirconia powder and nanoceramics, 2017, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351, 3. Influence of He+ long-time irradiation on silica luminescence spectrum, 2017, "Nuclear Instruments and Methods in Physics Research, Section B: 	10	<ol style="list-style-type: none"> 1. Alpha-Particle Induced Forward-Backward Electron Emission From Titanium Nitride,Problems Of Atomic Science And Technology, 2018,4,293, 2. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum,Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2017,407,5, 3. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation,Journal Of Luminescence, 2017,188,319,

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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Шишкін Олег Олександрович	12	<ol style="list-style-type: none"> 1. Discretized collision operator for simulations of fusion non-maxwellian plasma relaxation, 2018, Problems of Atomic Science and Technology,118,6,101 2. Effect of a superconducting coil as a fault current limiter on current density distribution in BSCCO tape after an over-current pulse, 2017, Journal of Physics: Conference Series, 871, 1, 12035, 3. Observation of self-magnetic field relaxations in Bi2223 and Y123 HTS tapes after over-current pulse and DC current operation, 2016, Cryogenics, 77, ., 53 4. Inverse Problem Solution Algorithms for Current Density Distribution Calculation in Different HTS Tape Configurations Basing on Minimum Self-Magnetic Field Measurements, 2016, IEEE Transactions on Applied Superconductivity, 26, 3, 7390036, 5. Current Density Profiles of BSCCO Tapes in the Stacked Conductor under Different Current Feeding Modes, 2016, IEEE Transactions on Applied Superconductivity, 26, 3, 7423726, 6. Study of 2D residual current density profiles of BSCCO and YBCO HTS tapes by means of 3D hall probe system, 2016, IEEE Transactions on Applied Superconductivity, 26, 3, 7420618, 7. Dependence of DC HTS Cable Critical Current on the Temperature Distribution along the Cable, 2016, Physics Procedia, 81, , , 191 8. Residual Magnetic Field Measurement of BSCCO and YBCO Tapes by a Hall Probe, 2015, IEEE Transactions on Applied Superconductivity, 25, 3, 6963279, 9. Residual magnetic field profiles and their current density profiles of coated conductors for fast and slow cut-off current operations, 2015, Progress in 	11	<ol style="list-style-type: none"> 1. Discretized Collision Operator For Simulations Of Fusion Non-Maxwellian Plasma Relaxation,Problems Of Atomic Science And Technology, 2018,6,101, 2. Effect Of A Superconducting Coil As A Fault Current Limiter On Current Density Distribution In Bscoco Tape After An Over-Current Pulse,29th International Symposium On Superconductivity, 2017,871,Unsp 012035 3. Inverse Problem Solution Algorithms For Current Density Distribution Calculation In Different Hts Tape Configurations Basing On Minimum Self-Magnetic Field Measurements,Ieee Transactions On Applied Superconductivity, 2016,26,3,9000404 4. Observation Of Self-Magnetic Field Relaxations In Bi2223 And Y123 Hts Tapes After Over-Current Pulse And Dc Current Operation,Cryogenics, 2016,77,53, 5. Current Density Profiles Of Bscoco Tapes In The Stacked Conductor Under Different Current Feeding Modes,Ieee Transactions On Applied Superconductivity, 2016,26,3,8001004 6. Dependence Of Dc Hts Cable Critical Current On The Temperature Distribution Along The Cable,Proceedings Of The 28th International Symposium On Superconductivity (Iss 2015), 2016,81,191, 7. Residual Magnetic Field Measurement Of Bscoco And Ybco Tapes By A Hall Probe,Ieee Transactions On Applied Superconductivity, 2015,25,3,8000704 8. Residual Magnetic Field Profiles And Their Current Density Profiles Of Coated Conductors For Fast And Slow Cut-Off Current Operations,Progress In Superconductivity And Cryogenics, 2015,17,1,17, 9. The Effect Of Externally Applied Resonant Magnetic Perturbations On

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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Журенко Віталій Павлович	12	<p>1. α-Particle induced forward-backward electron emission from titanium nitride, 2018, Problems of Atomic Science and Technology,116,4,293</p> <p>2. Application of radioluminescence technique for zirconia powder and nanoceramics, 2017, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351,</p> <p>3. Influence of He+ long-time irradiation on silica luminescence spectrum, 2017, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",407,5</p> <p>4. Ukrainian amber luminescence induced by X-rays and ultraviolet radiation, 2017, Journal of Luminescence,188,319</p> <p>5. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Experiment, 2016, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",366,90</p> <p>6. Photo- and radioluminescence of poleskiy amber, 2016, Functional Materials,23,4,582</p> <p>7. Time dependence of silica optical properties during the implantation of fast hydrogen ions: Theory, 2015, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",362,182</p> <p>8. Change of silica luminescence due to fast hydrogen ion bombardment, 2015, Nukleonika,60,2,289</p> <p>9. Forward and backward electron emission in binary cell of radioisotope current source, 2015, Problems of Atomic Science and Technology,98,4,331</p> <p>10. Fast ion induced luminescence of silica implanted by molecular hydrogen, 2014, Functional Materials,21,1,26</p> <p>11. Forward and backward electron emission induced by protons from copper foil, 2013, Problems of Atomic Science and Technology,4,320</p> <p>12. Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions, 2013, Functional Materials,20,4,462</p>	10	<p>1. Alpha-Particle Induced Forward-Backward Electron Emission From Titanium Nitride,Problems Of Atomic Science And Technology, 2018,4,293,</p> <p>2. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum,Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2017,407,5,</p> <p>3. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation,Journal Of Luminescence, 2017,188,319,</p> <p>4. Application Of Radioluminescence Technique For Zirconia Powder And Nanoceramics,Proceedings Of The 2017 Ieee 7th International Conference Nanomaterials: Application & Properties (Nap), 2017,Unsp 02man06</p> <p>5. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Experiment,Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2016,366,90,</p> <p>6. Photo- And Radioluminescence Of Poleskiy,Functional Materials, 2016,23,4,582,</p> <p>7. Time Dependence Of Silica Optical Properties During The Implantation Of Fast Hydrogen Ions: Theory,Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2015,362,182,</p> <p>8. Change Of Silica Luminescence Due To Fast Hydrogen Ion Bombardment,Nukleonika, 2015,60,2,289,</p> <p>9. Forward And Backward Electron Emission In Binary Cell Of Radioisotope Current Source,Problems Of Atomic Science And Technology, 2015,4,331,</p> <p>10. Forward And Backward Electron Emission Induced By Protons From Copper Foil,Problems Of Atomic Science And Technology, 2013,4,320,</p>
Фізико-технічний	Кафедра ядерної та медичної фізики	Рудичев Володимир Григорович	8	<p>1. Optimization of ^{99m}Tc isotope production system using coupled Monte Carlo and fluid dynamics methods, 2018, "13th International Topical Meeting on Nuclear Applications of Accelerators 2017. AccApp 2017: The Expanding Universe of Accelerator Applications",492</p> <p>2. Efficiency of the dose rate calculation by monte-carlo method and point kernel method when handling radioactive waste, 2018, Problems of Atomic Science and Technology,114,2,63</p> <p>3. Contribution of radionuclides to heat release in the process of SNF dry</p>	8	<p>1. Efficiency Of The Dose Rate Calculation By Monte-Carlo Method And Point Kernel Method When Handling Radioactive Waste,Problems Of Atomic Science And Technology, 2018,2,63</p> <p>2. Contribution Of Radionuclides To Heat Release In The Process Of Snf Dry Storage,Problems Of Atomic Science And Technology, 2017,2,91</p> <p>3. Irradiation Dose Minimization By Optimizing The Arrangement Of Radiation Sources Of Different Intensity,Atomic Energy, 2016,119,4,285</p> <p>4. Bremsstrahlung Formation In The Dual Energy Method For Radiography</p>

				<p>storage, 2017, Problems of Atomic Science and Technology,108,2,91</p> <ol style="list-style-type: none"> 4. Irradiation Dose Minimization by Optimizing the Arrangement of Radiation Sources of Different Intensity, 2016, Atomic Energy,119,4,285 5. Influence of certain radionuclides on outer radiation of spent nuclear fuel at dry storage, 2016, Problems of Atomic Science and Technology,105,5,48 6. Change of radioactive waste characteristics at their processing and storage at nuclear power plants, 2015, Problems of Atomic Science and Technology,97,3,83 7. Optimization of the Detection System for 16 registration along with coolant leaks in the wwer-1000 steam generator, 2013, Problems of Atomic Science and Technology,3,259 8. Protective structures for storing spent nuclear fuel from the zaporozhye npp, 2012, Atomic Energy,112,4,261 		<p>Of The Unauthorized Embedding,East European Journal Of Physics, 2016,3,2,32</p> <ol style="list-style-type: none"> 5. Influence Of Certain Radionuclides On Outer Radiation Of Spent Nuclear Fuel At Dry Storage,Problems Of Atomic Science And Technology, 2016,5,48 6. Change Of Radioactive Waste Characteristics At Their Processing And Storage At Nuclear Power Plants,Problems Of Atomic Science And Technology, 2015,3,83 7. Optimization Of The Detection System For N-16 Registration Along With Coolant Leaks In The Wwer-1000 Steam Generator,Problems Of Atomic Science And Technology, 2013,3,259 8. Protective Structures For Storing Spent Nuclear Fuel From The Zaporozhye Npp,Atomic Energy, 2012,112,4,261
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Ромашенко Олена Володимирівна	13	<ol style="list-style-type: none"> 1. Charging of a macroparticle in cathodic arc sheath, 2018, Problems of Atomic Science and Technology,116,4,176 2. Decay of liquid metallic macroparticles in plasmabeam systems due to rayleigh instability, 2017, Problems of Atomic Science and Technology,107,1,163 3. Transport of a macroparticle in vacuum arc sheath, 2016, IEEE Transactions on Plasma Science,44,7,7486120,1050 4. Vaporization of metallic macroparticles in the high temperature technology plasma, 2016, Problems of Atomic Science and Technology,106,6,268 5. Macroparticles in beam-plasma systems, 2016, Problems of Atomic Science and Technology,106,6,187 6. Charging of macroparticles in a high-voltage vacuum ARC sheath, 2015, Problems of Atomic Science and Technology,95,1,246 7. Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources, 2015, Problems of Atomic Science and Technology,98,4,298 8. Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam, 2014, Problems of Atomic Science and Technology,94,6,164 9. Charging processes and phase states of macroparticles in low-pressure arc discharge, 2013, Problems of Atomic Science and Technology,4,176 10. Particle charging in beam-plasma systems, 2013, Problems of Atomic Science and Technology,1,183 11. Self-compensation of the focused ion beam space charge, 2013, Problems of Atomic Science and Technology,1,204 12. Effect of the parameters of a gas-discharge plasma on the equilibrium temperature and floating potential of macroparticle, 2012, Problems of Atomic Science and Technology,6,175 13. Longitudinal ion source with the current self-compensation of the focused ion beam, 2012, Plasma Physics Reports,38,13,1032 	14	<ol style="list-style-type: none"> 1. Charging Of A Macroparticle In Cathodic Arc Sheath,Problems Of Atomic Science And Technology, 2018,4,176 2. Decay Of Liquid Metallic Macroparticles In Plasma-Beam Systems Due To Rayleigh Instability,Problems Of Atomic Science And Technology, 2017,1,163 3. Transport Of A Macroparticle In Vacuum Arc Sheath,Ieee Transactions On Plasma Science, 2016,44,7,1050 4. Macroparticles In Beam-Plasma Systems,Problems Of Atomic Science And Technology, 2016,6,187 5. Vaporization Of Metallic Macroparticles In The High Temperature Technology Plasma,Problems Of Atomic Science And Technology, 2016,6,268 6. Dynamics Of Macroparticles In A Magnetic Filter For A Vacuum Arc Plasma Sources,Problems Of Atomic Science And Technology, 2015,4,298 7. Charging Of Macroparticles In A High-Voltage Vacuum Arc Sheath,Problems Of Atomic Science And Technology, 2015,1,246 8. Age-Related Features Of Cytoflavin Effectiveness During Experimental Myocardial Ischemia,Bulletin Of Experimental Biology And Medicine, 2014,156,6,785 9. Capture And Transport Of Macroparticles In Curved Plasma Duct At Low Magnetic Field In The Presence Of An Electron Beam,Problems Of Atomic Science And Technology, 2014,6,164 10. Self-Compensation Of The Focused Ion Beam Space Charge,Problems Of Atomic Science And Technology, 2013,1,204 11. Charging Processes And Phase States Of Macroparticles In Low-Pressure Arc Discharge,Problems Of Atomic Science And Technology, 2013,4,176 12. Particle Charging In Beam-Plasma Systems,Problems Of Atomic Science And Technology, 2013,1,183 13. Effect Of The Parameters Of A Gas-Discharge Plasma On The Equilibrium Temperature And Floating Potential Of Macroparticle,Problems Of Atomic Science And Technology, 2012,6,175 14. Longitudinal Ion Source With The Current Self-Compensation Of The Focused Ion Beam,Plasma Physics Reports, 2012,38,13,1032

Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Афанасьєва Інна Олексіївна	9	<ol style="list-style-type: none"> 1. On excited particle formation in crossed E×H fields, 2018, Vacuum,149,124 2. Comparison of the main parameters of the ion-photon emission of titanium atoms and singly charged ions, 2017, Journal of Surface Investigation,11,1,146 3. Effect of annealing on the secondary particles emission from the zirconium alloy surface, 2017, Problems of Atomic Science and Technology,110,4,39 4. Influence of type of bonds in compounds on the mechanism of the sputtered excited particles formation under ion bombardment, 2016, Journal of Surface Investigation,10,6,1239 5. On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet, 2016, Vacuum,129,148 6. Ion-photon emission under ion bombardment of garnet structures of different composition, 2014, Vacuum,105,91 7. Effect of modification sapphire surface under ion irradiation on the excited particles yield, 2013, Problems of Atomic Science and Technology,87,5,33 8. Ion-photon emission of metal-containing organic dyes, 2012, Journal of Surface Investigation,6,4,664 9. Characteristic features of ion-photon emission from yttrium-iron garnets, 2012, Vacuum,86,10,1624 	4	<ol style="list-style-type: none"> 1. On Excited Particle Formation In Crossed Exh Fields,Vacuum, 2018,149,124 2. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface.Problems Of Atomic Science And Technology, 2017,4,39 3. Comparison Of The Main Parameters Of The Ion-Photon Emission Of Titanium Atoms And Singly Charged Ions,Journal Of Surface Investigation, 2017,11,1,146 4. Influence Of Type Of Bonds In Compounds On The Mechanism Of The Sputtered Excited Particles Formation Under Ion Bombardment,Journal Of Surface Investigation, 2016,10,6,1239
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Літвинов Віктор Олексійович	7	<ol style="list-style-type: none"> 1. SIMS Study of Hydrogen Interaction with the LaNi5 Alloy Surface, 2018, Journal of Surface Investigation,12,3,576 2. SIMS study of the surface of lanthanum-based alloys, 2017, Ukrainian Journal of Physics,62,10,845 3. Sims study of the surface of TiFe hydride forming alloy, 2017, Ukrainian Journal of Physics,62,3,195 4. Effect of annealing on the secondary particles emission from the zirconium alloy surface, 2017, Problems of Atomic Science and Technology,110,4,39 5. The study of surface of alloys for hydrogen storage by SIMS, 2015, YSF 2015 - International Young Scientists Forum on Applied Physics,7333250, 6. SIMS investigation of the processes of gas release from zirconium-based getter alloy, 2014, Bulletin of the Russian Academy of Sciences: Physics,78,6,526 7. SIMS investigations of hydrogen interaction with a zirconium getter alloy surface, 2012, Bulletin of the Russian Academy of Sciences: Physics,76,5,553 	6	<ol style="list-style-type: none"> 1. Sims Study Of Hydrogen Interaction With The Lani5 Alloy Surface,Journal Of Surface Investigation, 2018,12,3,576, 2. Sims Study Of The Surface Of Lanthanum-Based Alloys,Ukrainian Journal Of Physics, 2017,62,10,845, 3. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface.Problems Of Atomic Science And Technology, 2017,4,39, 4. Sims Study Of The Surface Of Tife Hydride Forming Alloy,Ukrainian Journal Of Physics, 2017,62,3,195, 5. The Study Of Surface Of Alloys For Hydrogen Storage By Sims,2015 International Young Scientists Forum On Applied Physics (Ysf), 2015, 6. About Using Of Secondary Ion Mass Spectrometry Method For Research Of Bioorganic Objects,East European Journal Of Physics, 2015,2,4,58,
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Чібісов Олександр Дмитрович	7	<ol style="list-style-type: none"> 1. Decay of liquid metallic macroparticles in plasmabeam systems due to rayleigh instability, 2017, Problems of Atomic Science and Technology,107,1,163 2. Vaporization of metallic macroparticles in the high temperature technology plasma, 2016, Problems of Atomic Science and Technology,106,6,268 3. Charging of macroparticles in a high-voltage vacuum ARC sheath, 2015, Problems of Atomic Science and Technology,95,1,246 4. Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources, 2015, Problems of Atomic Science and Technology,98,4,298 5. Capture and transport of macroparticles in curved plasma duct at low magnetic field in the presence of an electron beam, 2014, Problems of 	7	<ol style="list-style-type: none"> 1. Decay Of Liquid Metallic Macroparticles In Plasma-Beam Systems Due To Rayleigh Instability,Problems Of Atomic Science And Technology, 2017,1,163 2. Vaporization Of Metallic Macroparticles In The High Temperature Technology Plasma,Problems Of Atomic Science And Technology, 2016,6,268 3. Dynamics Of Macroparticles In A Magnetic Filter For A Vacuum Arc Plasma Sources,Problems Of Atomic Science And Technology, 2015,4,298 4. Charging Of Macroparticles In A High-Voltage Vacuum Arc Sheath,Problems Of Atomic Science And Technology, 2015,1,246 5. Capture And Transport Of Macroparticles In Curved Plasma Duct At Low

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Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Голубов Олексій Андрійович	14	<p>1. The local rotation curve of the Milky Way based on SEGUE and RAVE data, 2018, Astronomy and Astrophysics,614, A63,</p> <p>2. A New Equilibrium State for Singly Synchronous Binary Asteroids, 2018, Astrophysical Journal Letters,857,1, L5,</p> <p>3. Analytic model for tangential YORP, 2017, Astronomical Journal,154,6,238,</p> <p>4. EQUILIBRIUM ROTATION STATES of DOUBLY SYNCHRONOUS BINARY ASTEROIDS, 2016, Astrophysical Journal Letters,833,2, L23,</p> <p>5. Obliquity dependence of the tangential YORP, 2016, Astronomy and Astrophysics,592, A115,</p> <p>6. Physical models for the normal YORP and diurnal Yarkovsky effects, 2016, Monthly Notices of the Royal Astronomical Society,458,4,3977</p> <p>7. A three-dimensional model of tangential yorp, 2014, Astrophysical Journal,794,1, 22 (9pp),</p> <p>8. "The asymmetric drift, the local standard of rest, and implications from RAVE data", 2013, Astronomy and Astrophysics,557, A92,</p> <p>9. A detailed self-consistent vertical Milky Way disc model, 2012, EPJ Web of Conferences,19,10007,</p> <p>10. Rotation curve of the Milky Way, 2012, EPJ Web of Conferences,19,1006,</p> <p>11. The rotation curve and the density model of the Milky Way, 2012, Proceedings of the International Astronomical Union,8,S295,231</p> <p>12. The density model of the Milky Way from the tangent-point measurements of the rotation curve, 2012, Proceedings of the International Astronomical Union,8,S292,101</p> <p>13. Tangential component of the YORP effect, 2012, Astrophysical Journal Letters,752,1, L11,</p> <p>14. Influence of thermal models on the YORP effect, 2012, Proceedings of the International Astronomical Union,10,H16,173</p>	10	<p>1. The Local Rotation Curve Of The Milky Way Based On Segue And Rave Data,Astronomy & Astrophysics, 2018,614,A63</p> <p>2. A New Equilibrium State For Singly Synchronous Binary Asteroids,Astrophysical Journal Letters, 2018,857,1,L5</p> <p>3. "Physical Models For The Normal Yorp And Diurnal Yarkovsky Effects (Vol 458, Pg 3977, 2016)".Monthly Notices Of The Royal Astronomical Society, 2018,473,2,1784,</p> <p>4. Analytic Model For Tangential Yorp,Astronomical Journal, 2017,154,6,238</p> <p>5. Physical Models For The Normal Yorp And Diurnal Yarkovsky Effects,Monthly Notices Of The Royal Astronomical Society, 2016,458,4,3977,</p> <p>6. Equilibrium Rotation States Of Doubly Synchronous Binary Asteroids,Astrophysical Journal Letters, 2016,833,2,L23</p> <p>7. Obliquity Dependence Of The Tangential Yorp,Astronomy & Astrophysics, 2016,592,A115</p> <p>8. A Three-Dimensional Model Of Tangential Yorp,Astrophysical Journal, 2014,794,1,22</p> <p>9. "The Asymmetric Drift, The Local Standard Of Rest, And Implications From Rave Data".Astronomy & Astrophysics, 2013,557,A92</p> <p>10. Tangential Component Of The Yorp Effect,Astrophysical Journal Letters, 2012,752,1,L11</p>
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Коппе Валерій Тимофійович	5	<p>1. Sims study of the surface of TiFe hydride forming alloy, 2017, Ukrainian Journal of Physics,62,3,195</p> <p>2. Effect of annealing on the secondary particles emission from the zirconium alloy surface, 2017, Problems of Atomic Science and Technology,110,4,39</p> <p>3. The study of surface of alloys for hydrogen storage by SIMS, 2015, YSF 2015 - International Young Scientists Forum on Applied Physics,7333250,</p> <p>4. SIMS investigation of the processes of gas release from zirconium-based getter alloy, 2014, Bulletin of the Russian Academy of Sciences: Physics,78,6,526</p> <p>5. SIMS investigations of hydrogen interaction with a zirconium getter alloy surface, 2012, Bulletin of the Russian Academy of Sciences: Physics,76,5,553</p>	4	<p>1. Effect Of Annealing On The Secondary Particles Emission From The Zirconium Alloy Surface,Problems Of Atomic Science And Technology, 2017,4,39,</p> <p>2. Sims Study Of The Surface Of Tife Hydride Forming Alloy,Ukrainian Journal Of Physics, 2017,62,3,195,</p> <p>3. The Study Of Surface Of Alloys For Hydrogen Storage By Sims,2015 International Young Scientists Forum On Applied Physics (Ysf), 2015,</p> <p>4. About Using Of Secondary Ion Mass Spectrometry Method For Research Of Bioorganic Objects,East European Journal Of Physics, 2015,2,4,58,</p>

Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Юнаков Микола Миколайович	9	<ol style="list-style-type: none"> 1. The exciton absorption spectrum of thin films of ternary compounds in the AgBr-PbBr₂ system, 2018, Low Temperature Physics,44,8,856 2. The exciton absorption spectrum of thin films of ternary compounds in the AgBr-PbBr₂ system, 2018, Fizika Nizkikh Temperatur,44,8,1095 3. Effect of iodine impurity on the absorption spectrum and phase transitions in CsPbCl₃ thin films, 2018, Functional Materials,25,2,218 4. Absorption spectrum of thin films of K₂Pb₂(Cl_{1-x}Br_x)₅ solid solutions, 2017, Low Temperature Physics,43,10,1222 5. Absorption spectrum of thin films of K₂Pb₂(Cl_{1-x}Br_x)₅ solid solutions, 2017, Fizika Nizkikh Temperatur,43,10,1532 6. The exciton absorption spectrum of thin CuPb₃Br₇ superionic conductor films, 2016, Low Temperature Physics,42,9,768 7. The exciton absorption spectrum of thin films of superionic conductor CuPb₃Br₇, 2016, Fizika Nizkikh Temperatur,42,9,981 8. Exciton absorption spectra of K₂Pb₂Br₅ thin films, 2016, Functional Materials,23,4,570 9. Self-compensation of the focused ion beam space charge, 2013, Problems of Atomic Science and Technology,1,204 	6	<ol style="list-style-type: none"> 1. The Exciton Absorption Spectrum Of Thin Films Of Ternary Compounds In The Agbr-Pbbr2 System,Low Temperature Physics, 2018,44,8,856 2. Effect Of Iodine Impurity On The Absorption Spectrum And Phase Transitions In Cspbcl3 Thin Films.,Functional Materials, 2018,25,2,218 3. Absorption Spectrum Of Thin Films Of Kpb2(Cl1-Xbrx)(5) Solid Solutions,Low Temperature Physics, 2017,43,10,1222 4. Exciton Absorption Spectra Of Kpb2br5 Thin Films,Functional Materials, 2016,23,4,570 5. The Exciton Absorption Spectrum Of Thin Cupb3br7 Superionic Conductor Films,Low Temperature Physics, 2016,42,9,768 6. Self-Compensation Of The Focused Ion Beam Space Charge,Problems Of Atomic Science And Technology, 2013,1,204
Фізико-технічний	Кафедра ядерної та медичної фізики	Малихіна Тетяна Василівна	7	<ol style="list-style-type: none"> 1. Computer simulation and experimental investigation of Mo-99 yield in thick targets as a Tc-99m generator, 2017, "Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms",406,334 2. Computer simulation and experimental results of ⁷Be photoproduction on ¹²C and ¹⁴N nuclei, 2016, Springer Proceedings in Physics,182,211 3. "Experimental results on cross sections for ⁷Be photoproduction on ¹²C, ¹⁴N, and ¹⁶O nuclei in the energy range of 40–90 MeV", 2014, Physics of Atomic Nuclei,77,7,805 4. "Experimental cross-section evaluation data for ⁷be photoproduction by ¹²C, ¹⁴N, ¹⁶O nuclei in the energy range between 40...90 MeV", 2013, Problems of Atomic Science and Technology,88,6,192 5. "An increase of ⁹⁹Mo yield under mixed γ, n-irradiation of target from natural molybdenum", 2012, Problems of Atomic Science and Technology,4,151 6. Photonuclear production of cosmogenic beryllium-7 in the terrestrial atmosphere, 2012, Physical Review C - Nuclear Physics,86,2,24609, 7. Photonuclear channel of ⁷Be production in the Earth's atmosphere, 2012, Physics of Atomic Nuclei,75,4,393 	7	<ol style="list-style-type: none"> 1. Computer Simulation And Experimental Investigation Of Mo-99 Yield In Thick Targets As A Tc-99m Generator,Nuclear Instruments & Methods In Physics Research Section B-Beam Interactions With Materials And Atoms, 2017,406,334, 2. Computer Simulation And Experimental Results Of Be-7 Photoproduction On C-12 And N-14 Nuclei,"Basic Concepts In Nuclear Physics: Theory, Experiments And Applications", 2016,182,211, 3. "Experimental Results On Cross Sections For Be-7 Photoproduction On C-12, N-14, And O-16 Nuclei In The Energy Range Of 40-90 Mev",Physics Of Atomic Nuclei, 2014,77,7,805, 4. "Experimental Cross-Section Evaluation Data For Be-7 Photoproduction By C-12, N-14, O-16 Nuclei In The Energy Range Between 40 ... 90 Mev",Problems Of Atomic Science And Technology, 2013,6,192, 5. Photonuclear Production Of Cosmogenic Beryllium-7 In The Terrestrial Atmosphere,Physical Review C, 2012,86,2,24609 6. Photonuclear Channel Of Be-7 Production In The Earth's Atmosphere,Physics Of Atomic Nuclei, 2012,75,4,393, 7. "An Increase Of Mo-99 Yield Under Mixed Gamma, N-Irradiation Of Target From Natural Molybdenum",Problems Of Atomic Science And Technology, 2012,4,151,
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Гречко Ярослав Олегович	16	<ol style="list-style-type: none"> 1. Self-Sustained Plasma-Beam Discharge at High Energy Density, 2018, IEEE Transactions on Plasma Science,46,10,8356202,3541 2. The efficiency of the pulsed power input in the limited plasma diode, 2018, IEEE International Pulsed Power Conference,2017-June,8291229, 3. Hydrogen injector based on penning discharge with metal hydride cathode, 2018, Problems of Atomic Science and Technology,118,6,222 4. Electromagnetic filter for h⁻ separation from pig with metal hydride cathode, 2018, Problems of Atomic Science and Technology,116,4,282 5. Effect of the external magnetic field on the dynamics and power of the self-sustained plasma-beam discharge, 2018, Problems of Atomic Science and 	16	<ol style="list-style-type: none"> 1. Electrodes Dimensions Effect On The Self-Sustained Plasma-Beam Discharge Power,Problems Of Atomic Science And Technology, 2018,4,156 2. Self-Sustained Plasma-Beam Discharge At High Energy Density,Ieee Transactions On Plasma Science, 2018,46,10,3541 3. Effect Of The External Magnetic Field On The Dynamics And Power Of The Self-Sustained Plasma-Beam Discharge,Problems Of Atomic Science And Technology, 2018,6,198 4. Hydrogen Injector Based On Penning Discharge With Metal Hydride Cathode,Problems Of Atomic Science And Technology, 2018,6,222

				<p>Technology,118,6,198</p> <ol style="list-style-type: none"> 6. Electrodes dimensions effect on the self-sustained plasma-beam discharge power, 2018, Problems of Atomic Science and Technology,116,4,156 7. Effect of metal-hydride hydrogen activation on longitudinal yield of negative ions from PIG, 2017, International Journal of Hydrogen Energy,42,34,21866 8. Longitudinal extraction of H- Ions from penning discharge with metal-hydride cathode, 2017, Problems of Atomic Science and Technology,107,1,183 9. The capacitive component of double layer current in plasma, 2017, Problems of Atomic Science and Technology,107,1,219 10. Separation of negative hydrogen ions from penning discharge with metal-hydride cathode, 2016, Problems of Atomic Science and Technology,106,6,241 11. Features of active power definition in high-current pulsed discharge, 2016, Problems of Atomic Science and Technology,106,6,48 12. Anisotropy of radiation from dense plasma of multiply ionized atoms, 2015, Problems of Atomic Science and Technology,98,4,32 13. Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply, 2015, Problems of Atomic Science and Technology,98,4,342 14. Dynamics of euv-radiation from the partially contracted plasma diode, 2015, Problems of Atomic Science and Technology,95,1,190 15. Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation, 2015, Problems of Atomic Science and Technology,95,1,174 16. Features of electron beam evaporation under surface electron beam formation, 2014, Problems of Atomic Science and Technology,94,6,149 		<ol style="list-style-type: none"> 5. Electromagnetic Filter For H-Separation From Pig With Metal Hydride Cathode,Problems Of Atomic Science And Technology, 2018,4,282 6. Effect Of Metal-Hydride Hydrogen Activation On Longitudinal Yield Of Negative Ions From Pig,International Journal Of Hydrogen Energy, 2017,42,34,21866 7. Longitudinal Extraction Of H- Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, 2017,1,183 8. The Efficiency Of The Pulsed Power Input In The Limited Plasma Diode,2017 Ieee 21st International Conference On Pulsed Power (Ppc), 2017, 9. The Capacitive Component Of Double Layer Current In Plasma,Problems Of Atomic Science And Technology, 2017,1,219 10. Features Of Active Power Definition In High-Current Pulsed Discharge,Problems Of Atomic Science And Technology, 2016,6,48 11. Separation Of Negative Hydrogen Ions From Penning Discharge With Metal-Hydride Cathode,Problems Of Atomic Science And Technology, 2016,6,241 12. Optimization Of The Collecting Mirror Location In The Plasma Source Of Extreme Ultraviolet Radiation,Problems Of Atomic Science And Technology, 2015,1,174 13. Plasma Parameters In Pig With Metal-Hydride Cathode Under Different Ways Of Hydrogen Supply,Problems Of Atomic Science And Technology, 2015,4,342 14. Anisotropy Of Radiation From Dense Plasma Of Multiply Ionized Atoms,Problems Of Atomic Science And Technology, 2015,4,32 15. Dynamics Of Euv-Radiation From The Partially Contracted Plasma Diode,Problems Of Atomic Science And Technology, 2015,1,190 16. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation,Problems Of Atomic Science And Technology, 2014,6,149
Фізико-технічний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Ходусов Валерій Дмитрович	8	<ol style="list-style-type: none"> 1. Stochastic equation of the technological process, 2018, "2018 IEEE 1st International Conference on System Analysis and Intelligent Computing, SAIC 2018 - Proceedings",8516833, 2. Model of a composite magistral conveyor line, 2018, "2018 IEEE 1st International Conference on System Analysis and Intelligent Computing, SAIC 2018 - Proceedings",8516739, 3. Optimal Control Problem for a Conveyor-Type Production Line, 2018, Cybernetics and Systems Analysis,54,5,744 4. Calculation of the parameters of the composite conveyor line with a constant speed of movement of subjects of labour, 2018, Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu,4,138 5. Model of conveyer with the regulable speed, 2017, "Bulletin of the South Ural State University, Series: Mathematical Modelling, Programming and Computer Software",10,4,64 6. On the effect of superfluid flows on the interaction of microwaves with He II, 2012, Condensed Matter Physics,15,4,43601, 7. The absorption of the variable electric field in superfluid helium by the akhiezer mechanism, 2012, Problems of Atomic Science and Technology,1,296 	8	<ol style="list-style-type: none"> 1. Optimal Control Problem For A Conveyor-Type Production Line,Cybernetics And Systems Analysis, 2018,54,5,744, 2. Stochastic Equation Of The Technological Process,2018 Ieee First International Conference On System Analysis & Intelligent Computing (Saic), 2018,64, 3. Model Of A Composite Magistral Conveyor Line,2018 Ieee First International Conference On System Analysis & Intelligent Computing (Saic), 2018,68, 4. Model Of Conveyer With The Regulable Speed,Bulletin Of The South Ural State University Series-Mathematical Modelling Programming & Computer Software, 2017,10,4,64, 5. About Conditions Of Existence Of Second Sound Waves In Isotopically Enriched Crystals (Lif)-Li-7,East European Journal Of Physics, 2015,2,2,59, 6. Second Sound Waves In Diamond,Diamond And Related Materials, 2012,21,92, 7. On The Effect Of Superfluid Flows On The Interaction Of Microwaves With He Ii,Condensed Matter Physics, 2012,15,4,Unsp 43601 8. The Absorption Of The Variable Electric Field In Superfluid Helium By

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Фізико-технічний	Кафедра теоретичної і ядерної фізики та вищої математики імені О.І. Ахієзера	Гах Андрій Геннадійович	2	1. Polarization observables in lepton-deuteron elastic scattering including the lepton mass, 2014 , Physical Review C - Nuclear Physics,90,6,64901 2. General analysis and numerical estimations of polarization observables in the $\bar{p}+p \rightarrow \pi^0+e^++e^-$ reaction in an exclusive experimental setup, 2012 , Physical Review C - Nuclear Physics,86,2,25204	4	1. Effects Of Scalar Boson In Elastic Proton-Electron Scattering,East European Journal Of Physics, 2018 ,5,2,16, 2. Polarization Phenomena In Process E(+),East European Journal Of Physics, 2018 ,5,1,4, 3. Polarization Observables In Lepton-Deuteron Elastic Scattering Including The Lepton Mass,Physical Review C, 2014 ,90,6,64901 4. General Analysis And Numerical Estimations Of Polarization Observables In The $(P)\overline{+} P \rightarrow \pi(0) + E(+) + E(-)$ Reaction In An Exclusive Experimental Setup,Physical Review C, 2012 ,86,2,25204
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Галайдич Віктор Кімович	5	1. Modelling of the electromagnetic surface waves propagation on the interface between the left-handed metamaterial and the dissipative dielectric, 2018 , Problems of Atomic Science and Technology,118,6,109 2. Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain, 2017 , Problems of Atomic Science and Technology,107,1,96 3. Slow and fast surface electromagnetic waves in planar structures contained left-handed material, 2015 , Problems of Atomic Science and Technology,98,4,306 4. Surface electromagnetic waves in left-handed material slab embedded in plasmalike media, 2014 , Problems of Atomic Science and Technology,94,6,112 5. Phase and group velocities of electromagnetic eigen waves of left-hand material slab, 2012 , Problems of Atomic Science and Technology,6,87	7	1. Modelling Of The Electromagnetic Surface Waves Propagation On The Interface Between The Left-Handed Metamaterial And The Dissipative Dielectric,Problems Of Atomic Science And Technology, 2018 ,6,109, 2. Surface Electromagnetic Waves In A Gap Between Two Left-Handed Materials,East European Journal Of Physics, 2018 ,5,2,68, 3. Surface Electromagnetic Waves On Boundary Between Lossy Dielectric And Left-Handed Material With Gain,Problems Of Atomic Science And Technology, 2017 ,1,96, 4. Radiation Of A Wakefield Excited By An Electron Bunch Train In A Section Of Dielectric Waveguide,"Advanced Accelerator Concepts, (Aac 2014)", 2016 ,1777,Unsp 070010 5. Slow And Fast Surface Electromagnetic Waves In Planar Structures Contained Left-Handed Material,Problems Of Atomic Science And Technology, 2015 ,4,306, 6. Surface Electromagnetic Waves In Left-Handed Material Slab Embedded In Plasmalike Media,Problems Of Atomic Science And Technology, 2014 ,6,112, 7. Phase And Group Velocities Of Electromagnetic Eigen Waves Of Left-Hand Material Slab,Problems Of Atomic Science And Technology, 2012 ,6,87,
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Чишкала Володимир Олексійович	7	1. Investigation of structure and properties of composite material Al ₂ O ₃ -SiC obtained by electroconsolidation process, 2018 , Functional Materials,25,1,43 2. Structure and properties of solid BK6-OM alloy after electrosintering, 2018 , Functional Materials,25,2,267 3. Ukrainian amber luminescence induced by X-rays and ultraviolet radiation, 2017 , Journal of Luminescence,188,319 4. Peculiarities of obtaining diamond-(Fe-Cu-Ni-Sn) composite materials by hot pressing, 2017 , Functional Materials,24,1,31 5. Photo- and radioluminescence of poleskiy amber, 2016 , Functional Materials,23,4,582 6. Synthesis and consolidation of (Zr _{0.94} Y _{0.06})O _{1.88} nanopowders, 2015 , Ceramics International,41,4,5263 7. The obtaining of high-density specimens and analysis of mechanical strength characteristics of a composite based on ZrO ₂ -WC nanopowders, 2014 , Nanoscale Research Letters,9,1,1	7	1. Structure And Properties Of Solid Bk6-Om Alloy After Electrosintering,Functional Materials, 2018 ,25,2,267,273, 2. Investigation Of Structure And Properties Of Composite Material Al ₂ O ₃ -SiC Obtained By Electroconsolidation Process,Functional Materials, 2018 ,25,1,43,47, 3. Peculiarities Of Obtaining Diamond-(Fe-Cu-Ni-Sn) Composite Materials By Hot Pressing,Functional Materials, 2017 ,24,1,31,45, 4. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation,Journal Of Luminescence, 2017 ,188,319,322, 5. Photo- And Radioluminescence Of Poleskiy,Functional Materials, 2016 ,23,4,582,586, 6. Synthesis And Consolidation Of (Zr _{0.94} y _{0.06})O _{1.88} Nanopowders,Ceramics International, 2015 ,41,4,5263,5269, 7. The Obtaining Of High-Density Specimens And Analysis Of Mechanical Strength Characteristics Of A Composite Based On ZrO ₂ -Wc Nanopowders,Nanoscale Research Letters, 2014 ,9,355

Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Ковтуненко Юрій Іванович	3	<ol style="list-style-type: none"> 1. Implantation of deuterium and helium ions into composite structure with tantalum coating, 2018, Problems of Atomic Science and Technology,118,6,63 2. Sequential implantations of deuterium and helium ions into tungsten-coated composite structures, 2016, Problems of Atomic Science and Technology,106,6,73 3. Deuterium-ion implantation into composite structures with tungsten coatings, 2014, Journal of Surface Investigation,8,5,853 	6	<ol style="list-style-type: none"> 1. Implantation Of Deuterium And Helium Ions Into Composite Structure With Tantalum Coating,Problems Of Atomic Science And Technology, 2018,6,63 2. Sequential Implantations Of Deuterium And Helium Ions Into Tungsten-Coated Composite Structures,Problems Of Atomic Science And Technology, 2016,6,73 3. Hydrogen Isotope Retention And Lattice Damage In The Constructive Materials Irradiated With H+/D+ Ions,East European Journal Of Physics, 2016,3,3,47 4. "Synthesis Of 1r-1h-Imidazo[1,2-A]Pyridin-4-Ium-8-Olate Derivatives",Journal Of Heterocyclic Chemistry, 2015,52,2,539 5. "Preparation Of Isoindolo[2,1-A]Quinoxalines Based On N-(2-Aminophenyl)Isoindole Derivatives",Chemistry Of Heterocyclic Compounds, 2012,48,7,1033 6. "Synthesis Of Novel Pyrido[1,2-B][2,4]Benzodiazepine Derivatives",Journal Of Chemical Research, 2012,5,312
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Мисюра Ілля Миколайович	8	<ol style="list-style-type: none"> 1. α-Particle induced forward-backward electron emission from titanium nitride, 2018, Problems of Atomic Science and Technology,116,4,293 2. Application of radioluminescence technique for zirkonia powder and nanoceramics, 2017, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351, 3. Influence of He+ long-time irradiation on silica luminescence spectrum, 2017, "Nuclear Instruments and Methods In Physics Research, Section B: Beam Interactions with Materials and Atoms",407,5 4. Ukrainian amber luminescence induced by X-rays and ultraviolet radiation, 2017, Journal of Luminescence,188,319 5. Photo- and radioluminescence of poleskiy amber, 2016, Functional Materials,23,4,582 6. Changes in the composition and optical properties of Cu and Cu2O nanofilms deposited on SiO2substrates after annealing and bombardment by argon and hydrogen ions, 2014, Journal of Surface Investigation,8,6,1339 7. Features of electron beam evaporation under surface electron beam formation, 2014, Problems of Atomic Science and Technology,94,6,149 8. Determination of chemical composition of implanted nanolayers by analysis of their optical properties, 2012, Functional Materials,19,2,251 	6	<ol style="list-style-type: none"> 1. A-Particle Induced Forward-Backward Electron Emission From Titanium Nitride, 2018, Problems Of Atomic Science And Technology,116,4,293 2. Influence Of He+ Long-Time Irradiation On Silica Luminescence Spectrum, 2017, "Nuclear Instruments And Methods In Physics Research, Section B: Beam Interactions With Materials And Atoms",407,5 3. Ukrainian Amber Luminescence Induced By X-Rays And Ultraviolet Radiation, 2017, Journal Of Luminescence,188,319 4. Photo- And Radioluminescence Of Poleskiy Amber, 2016, Functional Materials,23,4,582 5. Changes In The Composition And Optical Properties Of Cu And Cu2o Nanofilms Deposited On SiO2substrates After Annealing And Bombardment By Argon And Hydrogen Ions, 2014, Journal Of Surface Investigation,8,6,1339 6. Features Of Electron Beam Evaporation Under Surface Electron Beam Formation, 2014, Problems Of Atomic Science And Technology,94,6,149
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Сребнюк Павло Анатолійович	9	<ol style="list-style-type: none"> 1. Structure and Mechanical Properties of TiAlSiY Vacuum-Arc Coatings Deposited in Nitrogen Atmosphere, 2018, Inorganic Materials: Applied Research,9,3,410 2. "Effect of deposition process parameters and high-temperature annealing on the structure and properties of (Ti, Si)N/MoN vacuum arc coatings", 2017, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 01FNC21, 3. Influence of the high-temperature annealing on the structure and mechanical properties of vacuum-arc coatings from Mo/(Ti + 6 wt % Si)N, 2017, Journal of Superhard Materials,39,3,172 4. Effect of bias voltage and nitrogen pressure on the structure and properties 	2	<ol style="list-style-type: none"> 1. Influence Of The High-Temperature Annealing On The Structure And Mechanical Properties Of Vacuum-Arc Coatings From Mo/(Ti+6 Wt % Si)N,Journal Of Superhard Materials, 2017,39,3,172 2. Effect Of Bias Voltage And Nitrogen Pressure On The Structure And Properties Of Vacuum-Arc (Mo+Ti6%Si)N Coatings,Technical Physics, 2017,62,5,795

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Фізико-технічний	Кафедра ядерної та медичної фізики	Вус Катерина Олександрівна	7	<ol style="list-style-type: none"> 1. Fluorescence study of the effect of the oxidized phospholipids on amyloid fibril formation by the apolipoprotein A-I N-terminal fragment, 2017, Chemical Physics Letters,688,1 2. Aggregation behavior of novel heptamethine cyanine dyes upon their binding to native and fibrillar lysozyme, 2017, Molecular BioSystems,13,5,970 3. Fluorescence monitoring of the effect of oxidized lipids on the process of protein fibrillization, 2016, Methods and Applications in Fluorescence,4,3,34008, 4. Novel benzanthrone probes for membrane and protein studies, 2016, Methods and Applications in Fluorescence,4,3,34007, 5. Thioflavin T derivatives for the characterization of insulin and lysozyme amyloid fibrils in vitro: Fluorescence and quantum-chemical studies, 2015, Journal of Luminescence,159,284 6. Fluorescence investigation of interactions between novel benzanthrone dyes and lysozyme amyloid fibrils, 2014, Journal of Fluorescence,24,2,493 7. Novel aminobenzanthrone dyes for amyloid fibril detection, 2012, Chemical Physics Letters,532,110 	13	<ol style="list-style-type: none"> 1. Novel Cyanine Dyes As Potential Amyloid Probes: A Fluorescence Study,East European Journal Of Physics, 2018,5,1,41, 2. Aggregation Behavior Of Novel Heptamethine Cyanine Dyes Upon Their Binding To Native And Fibrillar Lysozyme,Molecular Biosystems, 2017,13,5,970, 3. Fluorescence Study Of The Effect Of The Oxidized Phospholipids On Amyloid Fibril Formation By The Apolipoprotein A-I N-Terminal Fragment,Chemical Physics Letters, 2017,688,1, 4. Spectral Behavior Of Indicator Dyes In The Model Protein - Lipid Systems,East European Journal Of Physics, 2017,4,4,18, 5. Thioflavin T Binding To The Model Fibrils Of Lysozyme: The Effects Of Fibril Twisting,East European Journal Of Physics, 2017,4,4,30, 6. Effect Of Amyloid Fibrils On Electrokinetic Properties Of Lipid Vesicles,East European Journal Of Physics, 2017,4,2,19, 7. Molecular Dynamics Study Of Cytochrome C - Lipid Complexes,East European Journal Of Physics, 2017,4,3,54, 8. Auramine O As Potential Amyloid Marker: Fluorescence And Molecular Docking Studies,East European Journal Of Physics, 2017,4,3,63, 9. Novel Benzanthrone Probes For Membrane And,Methods And Applications In Fluorescence, 2016,4,3,34007 10. Fluorescence Monitoring Of The Effect Of Oxidized Lipids On The Process Of Protein Fibrillization,Methods And Applications In Fluorescence, 2016,4,3,34008 11. Thioflavin T Derivatives For The Characterization Of Insulin And Lysozyme Amyloid Fibrils In Vitro: Fluorescence And Quantum-Chemical Studies,Journal Of Luminescence, 2015,159,284, 12. In Vitro Characterization Of Amyloid Fibrils With Novel Aminobenzanthrone Dyes,European Biophysics Journal With Biophysics Letters, 2013,42,S72, 13. Novel Aminobenzanthrone Dyes For Amyloid Fibril Detection,Chemical Physics Letters, 2012,532,110

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Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Бурмака Геннадій Павлович	7	<ol style="list-style-type: none"> 1. Electron energy probability function and dust charge in the temporal afterglow of a plasma with large dust density, 2018, Problems of Atomic Science and Technology,118,6,202 2. Effect of dust particles on electron energydistribution in glow and afterglow plasmas, 2016, Problems of Atomic Science and Technology,106,6,179 	7	<ol style="list-style-type: none"> 1. Electron Energy Probability Function And Dust Charge In The Temporal Afterglow Of A Plasma With Large Dust Density, 2018, Problems Of Atomic Science And Technology,118,6,202 2. Effect Of Dust Particles On Electron Energydistribution In Glow And Afterglow Plasmas, 2016, Problems Of Atomic Science And

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Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Дахов Олександр Васильович	6	<ol style="list-style-type: none"> 1. Conversion of carbon dioxide in low-pressure plasma, 2018, Problems of Atomic Science and Technology,118,6,194 2. Current gain of a pulsed DC discharge in low-pressure gases, 2017, Vacuum,145,194 3. Forming a unipolar pulsed discharge in nitrogen, 2016, Problems of Atomic Science and Technology,106,6,227 4. Actinometric study of oxygen dissociation in ICP source, 2014, Problems of Atomic Science and Technology,94,6,167 5. Influence of secondary electron emission on the RF gas breakdown, 2013, Problems of Atomic Science and Technology,4,149 6. Dependence of RF breakdown curve on electrode geometry in CCP reactor, 2012, Problems of Atomic Science and Technology,6,193 	6	<ol style="list-style-type: none"> 1. Conversion Of Carbon Dioxide In Low-Pressure Plasma,Problems Of Atomic Science And Technology, 2018,6,194 2. Current Gain Of A Pulsed Dc Discharge In Low-Pressure Gases,Vacuum, 2017,145,194 3. Forming A Unipolar Pulsed Discharge In Nitrogen,Problems Of Atomic Science And Technology, 2016,6,227 4. Actinometric Study Of Oxygen Dissociation In Icp Source,Problems Of Atomic Science And Technology, 2014,6,167 5. Influence Of Secondary Electron Emission On The Rf Gas Breakdown,Problems Of Atomic Science And Technology, 2013,4,149 6. Dependence Of Rf Breakdown Curve On Electrode Geometry In Ccp Reactor,Problems Of Atomic Science And Technology, 2012,6,193

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Іноземних мов	кафедра англійської мови	Черкашина Надія Іванівна			6	<p>1.Geochemical aspect of landscape planning in forestry(Maksymenko N.V., Voronin V.O.,Cherkashyna N.I. <i>Journal of Geology Geography and Geoecology</i>; том:27,випуск:1,стр. 81-87,2018)</p> <p>2. Dynamics of the temperature regime of the North Atlantic coastal zone as an indicator of changes in the system of thermohaline circulation (Maksymenko N.V., Medvedeva Yu.V., Cherkashyna N.I. <i>Journal of Geology Geography and Geoecology</i>; том:27,випуск:3,стр. 478-484,2018)</p> <p>3.Physical and geographical principles of tourist cluster’s formation in Kharkiv region(Reshetchenko S.I.,Cherkashyna N.I.,Babaieva O.V. <i>Visnyk of V.N.Karazin Kharkiv National University-Series Geology Geography Ecology</i>, Випуск: 47, стр. 149-152,2017)</p> <p>4.Assessment of water quality in the river Lopan within the boundaries of Kharkiv region Klymenko V.H.,Cherkashyna N.I. <i>Visnyk of V.N.Karazin Kharkiv National University-Series Geology Geography Ecology</i>, Випуск: 44, стр. 172-177,2016)</p> <p>5.Spatial distribution of climatic indexes on the territory of forest-steppe and steppe of the left-bank Ukraine (Reshetchenko S.I.,Klymenko V.H.,Cherkashyna N.I. <i>Visnyk of V.N.Karazin Kharkiv National University-Series Geology Geography Ecology</i>, Випуск: 45, стр. 129-133,2016)</p> <p>6.History of sustainable development strategies creation and their classification (Peresadko V.A., Popovych N.V.,Cherkashyna N.I. <i>Visnyk of V.N.Karazin Kharkiv National University-Series Geology Geography Ecology</i>, Випуск: 43, стр. 148-152,2015)</p>
Фізичний	Кафедра експериментальної фізики	Пойда Володимир Павлович	8	<p>1.Педун Д.Е. Структурные изменения в ходе сверхпластической деформации алюминиевых сплавов АМг2М и 1933 / Д.Е. Педун, В.П. Пойда, В.В. Брюховецкий, А.В. Пойда, А.П. Крышталь, Т.Ф. Сухова, А.Л. Самсоник, В.В. Литвиненко, Е.А. Спиридонов // <i>Металлофизика и новейшие технологии</i>. – 2012. – Т.34, №10. – С.1397-1410.</p> <p>2.Педун Д.Е. Структурные изменения в ходе сверхпластической деформации алюминиевых сплавов АМг2М и 1933 / Д.Е. Педун, В.П. Пойда, В.В. Брюховецкий, А.В. Пойда, А.П. Крышталь, Т.Ф. Сухова, А.Л. Самсоник, В.В. Литвиненко, Е.А. Спиридонов // <i>Металлофизика и новейшие технологии</i>. – 2012. – Т.34, №10. – С.1397-1410.</p> <p>3. Педун Д.Е. Частичное плавление и высокотемпературная структурная</p>		

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Фізичний	Експериментальної фізики	Дукаров Сергій Валентинович	19	<p>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems Functional Materials Volume: 25 Issue: 3 Pages: 601-607, 2018. DOI: 10.15407/fm25.03.601</p> <p>2. Formation of monolayer ensembles of branched gold nanoparticles Functional Materials Volume: 25 Issue: 3 Pages: 534-538, 2018. DOI: 10.15407/fm25.03.534</p> <p>3. Inner Size Effect in Layered Films with Eutectic Interaction of Components Acta Physica Polonica a Volume: 133 Issue: 5 Pages: 1186-1190, 2018. DOI: 10.12693/APhysPolA.133.1186</p> <p>4. Metal oxide heterojunction (NiO/ZnO) prepared by low temperature solution growth for UV-photodetector and semi-transparent solar cell Solar Energy Volume: 164 Pages: 149-159. 2018. DOI: 10.1016/j.solener.2018.01.054</p> <p>5. Influence of UV light of extraterrestrial solar irradiance on structure and properties of ZnO films prepared through pulsed electrochemical deposition and via SILAR method Journal of Nano- and Electronic Physics Volume 10, Issue 6, P 06038. 2018. DOI: 10.21272/jnep.10(6).06038</p> <p>6. Semitransparent p-CuI and n-ZnO thin films prepared by low temperature solution growth for thermoelectric conversion of near-infrared solar light Solar Energy Volume: 171 Pages: 704-715. 2018. DOI:</p>		

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Фізичний	Експериментальної фізики	Сухов Володимир Миколайович	22	<p>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems Functional Materials Volume: 25 Issue: 3 Pages: 601-607, 2018. DOI: 10.15407/fm25.03.601</p> <p>2. Formation of monolayer ensembles of branched gold nanoparticles Functional Materials Volume: 25 Issue: 3 Pages: 534-538, 2018. DOI: 10.15407/fm25.03.534</p> <p>3. Inner Size Effect in Layered Films with Eutectic Interaction of Components Acta Physica Polonica a Volume: 133 Issue: 5 Pages: 1186-1190, 2018. DOI: 10.12693/APhysPolA.133.1186</p> <p>4. Effective Microwave Electromagnetic Response of the Infinite Chain</p>		

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Фізичний	Експериментальної фізики	Петрушенко Сергій Іванович	19	<p>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems Functional Materials Volume: 25 Issue: 3 Pages: 601-607, 2018. DOI: 10.15407/fm25.03.601</p> <p>2. Formation of monolayer ensembles of branched gold nanoparticles Functional Materials Volume: 25 Issue: 3 Pages: 534-538, 2018. DOI: 10.15407/fm25.03.534</p> <p>3. Inner Size Effect in Layered Films with Eutectic Interaction of Components Acta Physica Polonica a Volume: 133 Issue: 5 Pages: 1186-1190, 2018. DOI: 10.12693/APhysPolA.133.1186</p> <p>4. Metal oxide heterojunction (NiO/ZnO) prepared by low temperature solution growth for UV-photodetector and semi-transparent solar cell Solar Energy Volume: 164 Pages: 149-159. 2018. DOI: 10.1016/j.solener.2018.01.054</p> <p>5. Influence of UV light of extraterrestrial solar irradiance on structure and properties of ZnO films prepared through pulsed electrochemical deposition and via SILAR method Journal of Nano- and Electronic Physics Volume 10, Issue 6, P 06038. 2018. DOI: 10.21272/jnep.10(6).06038</p> <p>6. Semitransparent p-CuI and n-ZnO thin films prepared by low temperature solution growth for thermoelectric conversion of near-infrared solar light Solar Energy Volume: 171 Pages: 704-715. 2018. DOI: 10.1016/j.solener.2018.07.030</p> <p>7. Ferromagnetic resonance in the complex of Fe₃O₄ nanoparticles with organic compounds Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 77(3), P. 257-262. 2018. DOI: 10.1615/TelecomRadEng.v77.i3.60</p> <p>8. Structure, optical, electrical and thermoelectric properties of solution-processed Li-doped NiO films grown by SILAR Materials Science in Semiconductor Processing Volume: 83 Pages: 42-49. 2018. DOI: 10.1016/j.mssp.2018.04.010</p> <p>9. Growth of Island films during vapor-liquid condensation Journal of Nano- and Electronic Physics 10(1),01023. 2018. DOI: 10.21272/jnep.10(1).01023</p> <p>10. Effect of lead on the thermal dispersion of continuous polycrystalline copper films Vacuum Volume: 142 Pages: 29-36. 2017. DOI: 10.1016/j.vacuum.2017.04.037.</p> <p>11. Nanostructured ZnO arrays fabricated via pulsed electrodeposition and coated with Ag nanoparticles for ultraviolet photosensors Journal of Nano- and Electronic Physics 10(3),03027. 2018. DOI: 10.21272/jnep.10(3).03027</p> <p>12. Supercooling during a crystallization of thin layers of the Bi + 7% wt. Sn alloy being contact to crystalline copper Metallofizika i Noveishie Tekhnologii 39(8), c. 1069-1086. 2017. DOI: 10.15407/mfint.39.08.1069</p> <p>13. Supercooling during the crystallization of in and Sn in copper and</p>		

				<p>molybdenum based multilayer films Proceedings of the 2017 Ieee 7th International Conference Nanomaterials: Application & Properties (Nap). 2017</p> <p>14. In situ research on temperature dependence of the lattice parameters of fusible metals in thin Cu-Pb and Cu-Bi films Functional Materials Volume: 23 Issue: 2 Pages: 218-223. 2016. DOI: 10.15407/fm23.02.218</p> <p>15. Growth of through pores and thermal dispersion of continuous polycrystalline films of copper Metallofizika i Noveishie Tekhnologii 38(10), c. 1351-1366. 2016. DOI: 10.15407/mfint.38.10.1351</p> <p>16. Stability Limits of the Liquid Phase in the Layered Mo/Pb/Mo, Mo/Bi/Mo and Mo/In/Mo Film Systems Journal of Nano- and Electronic Physics Volume: 8 Issue: 4, P. 04073. 2016. DOI: 10.21272/jnep.8(4(2)).04073</p> <p>17. Supercooling during crystallization of fusible metal particles in multilayer "carbon-metal-carbon" films Problems of Atomic Science and Technology Issue: 4 Pages: 118-124. 2016.</p> <p>18. Formation and thermal stability of liquid phase in layered film systems Vacuum Volume: 122 Pages: 208-214. 2015</p> <p>18. Inner Size Effect in the Polycrystalline Metal Films of Fusible Metals Journal of Nano- and Electronic Physics Volume: 7 Issue: 2. P. 02033. 2015</p> <p>19. Effect of temperature on the pores growth in the polycrystalline films of fusible metals Problems of Atomic Science and Technology Issue: 1 Pages: 110-114. 2014</p>		
Фізичний	Експериментальної фізики	Самсонік Олександр Лукич	6	<p>1 Inner Size Effect in Layered Films with Eutectic Interaction of Components Acta Physica Polonica a Volume: 133 Issue: 5 Pages: 1186-1190, 2018. DOI: 10.12693/APhysPolA.133.1186</p> <p>2 Effect of the Residual Gases Catalytic Activity on the Island Tin Films Crystallization Proceedings of the 2017 Ieee 7th International Conference Nanomaterials: Application & Properties (Nap) 2017</p> <p>3 Conductivity of YBCO ceramics in a wide range of temperatures and hafnium impurities concentrations</p> <p>4 Functional Materials Volume: 23 Issue: 1 Pages: 21-26. 2016. DOI: 10.15407/fm23.01.021</p> <p>5 Structural changes during superplastic deformation of high-strength alloy 1933 of the Al-Mg-Zn-Cu-Zr system Physics of Metals and Metallography Volume: 114 Issue: 9 Pages: 779-788. 2013</p> <p>6 X-ray diffraction study of structural and phase states of a superplastic Sn-38 wt % Pb alloy and their variations under the effect of external mechanical stresses and aging Physics of Metals and Metallography Volume: 113 Issue: 2 Pages: 190-199. 2012</p>		
Фізичний	Кафедра фізики твердого тіла	Зиман Золтан Золтанович	6	<p>1) Structural changes in precipitates and cell model for the conversion of amorphous calcium phosphate to hydroxyapatite during the initial stage of precipitation. 2012 Journal of Crystal Growth 353(1), c. 5-11</p> <p>2) Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 Materialwissenschaft und Werkstofftechnik 44(2-3), c. 259-263</p> <p>3) Thermally induced crystallization and phase evolution in powders derived from amorphous calcium phosphate precipitates with a Ca/P ratio of 1:1. 2016 Journal of Crystal Growth. 450, c. 190-196</p> <p>4) Phase evolution during heat treatment of amorphous calcium phosphate derived from fast nitrate synthesis. 2017 Processing and Application of Ceramics.</p>		

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Фізичний	Кафедра фізики твердого тіла	Бадян Євген Юхимович	6	<p>1) Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimenscharacteristics of substructure and orientation inhomogeneity in polycrystalline specimens. 2014 Functional Materials 21(3), c. 307-312</p> <p>2) Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation. 2015Functional Materials 22(3), c. 396-401</p> <p>3) Plastic rotations in polycrystalline aluminium foils. 2015 Metallofizika i Noveishie Tekhnologii 37(7), c. 951-960</p> <p>4) Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation. 2016 Problems of Atomic Science and Technology 101(1), c. 88-91</p> <p>5) Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation. 2016 Functional Materials 23(4), c. 561-569</p> <p>6) Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride. 2016 Problems of Atomic Science and Technology 102(2), c. 92-98</p>		
Фізичний	Кафедра фізики твердого тіла	Рохмістров Дмитро Володимирович	8	<p>1) Structural changes in precipitates and cell model for the conversion of amorphous calcium phosphate to hydroxyapatite during the initial stage of precipitation. 2012 Journal of Crystal Growth 353(1), c. 5-11</p> <p>2) Study of structure of calcium phosphate materials by means of electron spin resonance. 2012 Applied Radiation and Isotopes 70(11), c. 2621-2626</p> <p>3) Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 Materialwissenschaft und Werkstofftechnik 44(2-3), c. 259-263</p> <p>4) Thermally induced crystallization and phase evolution in powders derived from amorphous calcium phosphate precipitates with a Ca/P ratio of 1:1. 2016 Journal of Crystal Growth 450, c. 190-196</p> <p>5) Phase evolution during heat treatment of amorphous calcium phosphate derived from fast nitrate synthesis. 2017 Processing and Application of Ceramics 11(2), c. 147-153</p> <p>6) Peculiarities in thermal evolution of precipitated amorphous calcium phosphates with an initial Ca/P ratio of 1:1. 2017 Journal of Materials Science: Materials in Medicine 28(3),52</p> <p>7) Kinetics and mechanisms of the transformation of precipitated amorphous calcium phosphate with a Ca/P ratio of 1:1 to calcium pyrophosphates. 2017 Journal of Crystal Growth 478, c. 117-122</p> <p>8) Electro- and Heat Transfer in Cd_{0.22} Hg_{0.78} Te Single Crystals in the Temperature Range of Their Practical Applications. 2018 Journal of Low Temperature Physics 190(1-2), c. 39-44</p>		

Фізичний	Кафедра фізики твердого тіла	Ткаченко Микола Васильович	8	<p>1) Effect of preliminary deformation on heat of melting of superplastic eutectic alloy Bi-43 wt % Sn. 2013 Physics of Metals and Metallography 114(11), с. 962-967</p> <p>2) Electrophysical properties of nanosructured materials used in medicine as implants. 2013 CriMiCo 2013 - 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6652659, с. 1065-1066</p> <p>3) Synthesis and study of the new class of magnetic bioceramics for biomedical applications: Mossbauer studies. 2014 Solid State Phenomena 215, с. 480-488</p> <p>4) Polyfunctional bioceramics based on calcium phosphate and M-type hexagonal ferrite for medical applications. 2014 Technical Physics Letters 40(1), с. 4-6</p> <p>5) Formation of a sodium bicarbonate cluster in the structure of sodium-substituted hydroxyapatite. 2015 Physics of the Solid State 57(2), с. 407-411</p> <p>6) Changes in the heat of melting of a superelastic eutectic Sn-38 wt % Pb alloy due to preliminary plastic deformation. 2015 Physics of Metals and Metallography 116(10), с. 1029-1034</p> <p>7) Synthesis and properties of hybrid hydroxyapatite-ferrite (Fe₃O₄) particles for hyperthermia pplikations. 2016 Physics of the Solid State 58(4), с. 763-770</p> <p>8) Aging of ceramic carbonized hydroxyapatite at room temperature. 2016 Physics of the Solid State 58(8), с. 1552-1559</p>		
Фізичний	Кафедра фізики твердого тіла	Гончаренко Антон Володимирович	5	<p>1) Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 Materialwissenschaft und Werkstofftechnik 44(2-3), с. 259-263</p> <p>2) Thermally induced crystallization and phase evolution in powders derived from amorphous calcium phosphate precipitates with a Ca/P ratio of 1:1. 2016 Journal of Crystal Growth. 450, с. 190-196</p> <p>3) Phase evolution during heat treatment of amorphous calcium phosphate derived from fast nitrate synthesis. 2017 Processing and Application of Ceramics. 11(2), с. 147-153</p> <p>4) Peculiarities in thermal evolution of precipitated amorphous calcium phosphates with an initial Ca/P ratio of 1:1. 2017 Journal of Materials Science: Materials in Medicine. 28(3),52</p> <p>5) Kinetics and mechanisms of the transformation of precipitated amorphous calcium phosphate with a Ca/P ratio of 1:1 to calcium pyrophosphates. 2017 Journal of Crystal Growth. 478, с. 117-122</p>		
Фізичний	Кафедра фізики твердого тіла	Шуринов Роман Володимирович	6	<p>1) Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimenscharacteristics of substructure and orientation inhomogeneity in polycrystalline specimens. 2014 Functional Materials 21(3), с. 307-312</p> <p>2) Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation. 2015Functional Materials 22(3), с. 396-401</p> <p>3) Plastic rotations in polycrystalline aluminium foils. 2015 Metallofizika i Noveishie Tekhnologii 37(7), с. 951-960</p> <p>4) Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation. 2016 Problems of Atomic Science and Technology 101(1), с. 88-91</p>		

				<p>5) Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation. 2016 Functional Materials 23(4), с. 561-569</p> <p>6) Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride. 2016 Problems of Atomic Science and Technology 102(2), с. 92-98</p>		
Фізичний	Астрономія та космічної інформатики	Захожай Володимир Анатолійович	5	<p>1. IRAS 22150+6109 - A young B-type star with a large disc. 2018 Monthly Notices of the Royal Astronomical Society 477(1), pp. 977-982</p> <p>2. Lifetimes of stars in the main sequence and the maximum mass of stars in the galactic disk. 2013 Kinematics and Physics of Celestial Bodies 29(4), pp. 195-201</p> <p>3. Stars and substars nearest to the Sun: A study review. 2013 Kinematics and Physics of Celestial Bodies 29(3), pp. 141-156</p> <p>4. Simultaneous multicolour photometry of late-type giant stars. 2013 Information Bulletin on Variable Stars (6076),6076, pp. 1-4</p> <p>5. Simultaneous multicolour photometry of late-type giant stars. 2013 Information Bulletin on Variable Stars 61(6076)</p>		
Фізичний	Кафедра фізики низьких температур	Вовк Руслан Володимирович	122	<p>1. Magneto-resistance and intrinsic pinning of vortices in the untwined YBa₂Cu₃O_{7-δ} single crystals with a small deviation from the oxygen stoichiometry // Acta Physica Polonica A Vol.121 (2012) №5-6 p.1191-1194.</p> <p>2. Compression changes of the electrical resistance and of the critical temperature in Nb_{1-x}Se₂S_nx single crystals. // Acta Physica Polonica A Vol.122 (2012) №1 p.1111-1113.</p> <p>3. Electro-transport and structure of 1-2-3 HTSC single crystals with different plane defects topologies // Journal of Materials Science: Materials in Electronics (2012) 23:1255–1259 DOI 10.1007/s10854-011-0582-8.</p> <p>4. Oxygen self-diffusion in apatites // Chemical Monthly (2012) –V.143. –P.345-353. DOI 10.1007/s00706-011-0696-y REVIEW.</p> <p>5. Relaxation of the normal electrical resistivity induced by high-pressure in strongly underdoped YBa₂Cu₃O_{7-δ} single crystals. Physica B 407 (2012) – 4470-4472.</p> <p>6. Localization effect and pseudo-gap in praseodymium doped Y_{1-z}PrzBa₂Cu₃O_{7-δ} single crystals // Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics. -2012. -V.26 Issue: 25. – 1250163.</p> <p>7. Optimizing oxygen diffusion in cathode materials for solid oxide fuel cells // Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics. -2012. -V.26 Issue: 30. – 1250196</p> <p>8. A rule-based system for hybrid search and delivery of learning objects to learners // Interactive Technology and Smart Education (2012) , Vol. 9 Iss: 4, pp.263 – 279 DOI (Permanent URL): 10.1108/17415651211284048</p> <p>9. Эволюция нормального электросопротивления монокристаллов YBa₂Cu₃O_{7-δ} с δ≈0.45 в процессе приложения высокого гидростатического давления // ФНТ. (2012) Т.38, № 3, с. 323–326.</p> <p>10. Влияние структурной релаксации на температурную зависимость псевдощели в монокристаллах YBa₂Cu₃O_{7-δ} с различным содержанием кислорода // ФТВД, т.22,№2 (2012) с.88-94.</p> <p>11. Anisotropy of magnetoresistance in untwinned YBa₂Cu₃O_{7-δ} single</p>		

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Фізичний	Кафедра фізики низьких температур	Шкловський Валерій Олександрович	34	<ol style="list-style-type: none"> 1. Role of magnons and the size effect in heat transport through an insulating ferromagnet/insulator interface 2018 Physical Review B 98(22) 2. Microwave emission from superconducting vortices in Mo/Si superlattices 2018 Nature Communications 9(1) 3. Nonlinear relaxation between magnons and phonons in insulating ferromagnets 2018 Physical Review B 98(10) 4. Kinetics of electron cooling in metal films at low temperatures and revision of the two-temperature model 2018 Journal of Physics Condensed Matter 30(29) 5. Radiofrequency generation by coherently moving fluxons 2018 Applied Physics Letters 112(15) 6. Hot electrons in metal films at low temperatures (Review) 2018 Low Temperature Physics 44(3), pp. 165-183 7. Hot electrons in metal films at low temperatures 2018 Fizika Nizkikh Temperatur 44(3), pp. 221-243 8. Mobile fluxons as coherent probes of periodic pinning in superconductors 2017 Scientific Reports 7(1) 9. Pinning effects on hot-electron vortex flow instability in superconducting films 2017 Physica C: Superconductivity and its Applications 538, pp. 20-26 10. Pinning effects on flux flow instability in epitaxial Nb thin films 2017 Superconductor Science and Technology 30(8) 11. Pinning effects on self-heating and flux-flow instability in 		

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Фізичний	Кафедра фізики низьких температур	Хаджай Георгій Ярославич	49	<p>1. Эволюция нормального электросопротивления монокристаллов $YBa_2Cu_3O_{7-\delta}$ с $\delta \approx 0.45$ в процессе приложения высокого гидростатического давления. ФНТ, 2012, т. 38, № 3, p. 323-326; Low Temperature Physics, 2012, v. 38, № 3, p.</p> <p>2. Relaxation of the normal electrical resistivity induced by high-pressure in strongly underdoped $YBa_2Cu_3O_{7-\delta}$ single crystals. Physica B, 2012, v. 407, № 22, 4470–4472.</p> <p>3. Evolution of normal electrical resistance in oxygen underdoped $Ho_1Ba_2Cu_3O_{7-\delta}$ single crystals in the process of application-removal of high hydrostatic pressure. Functional Materials, 2012, 19, № 4, 452–458.</p> <p>4. Индуцированная высоким давлением релаксация электросопротивления монокристаллов $YBa_2Cu_3O_{7-\delta}$ Low Temperature Physics / Физика низких температур, 2013, т. 39, № 6, с. 684–689</p> <p>5. Effect of high pressure on the electrical resistivity of optimally doped $YBa_2Cu_3O_{7-\delta}$ single crystals with unidirectional planar defects. Physica B, 2013, v. 422, 33–35</p> <p>6. Fluctuation conductivity of oxygen underdoped $YBa_2Cu_3O_{7-x}$ single crystals. Physica B, 2014, v. 436, p. 88–90</p> <p>7. Scattering of electrons in oxygen underdoped $YBa_2Cu_3O_{7-x}$ single crystals. Functional Materials, 2014, 21, № 2, 1–5.</p> <p>8. Проводимость монокристаллов $Y_{1-y}Pr_yBa_2Cu_3O_{7-\delta}$ в широком интервале температур и концентраций Pr. ФНТ, 2014, т. 40, № 6, с. 630–635.</p> <p>9. Transverse conductivity in $Y_{1-y}Pr_yBa_2Cu_3O_{7-\delta}$ single crystals. Materials Research Express 1 (2014) 026303 doi:10.1088/2053-1591/1/2/026303</p> <p>10. Влияние давления на критическую температуру монокристаллов $Y_{0.95}Pr_{0.05}Ba_2Cu_3O_{7-\delta}$ с заданной геометрией плоских дефектов. Физика низких температур, 2014, т. 40, № 8, с.</p> <p>11. Phase segregation and the effect of high pressure on the electro-transport in $Y_{0.95}Pr_{0.05}Ba_2Cu_3O_{7-\delta}$ single crystals. Modern Physics Letters B, Vol. 28, No. 17 (2014) 1450142</p> <p>12. Transverse resistance in $Y_{1-y}Pr_yBa_2Cu_3O_{7-\delta}$ at large praseodymium concentrations. Physica B 451 (2014) 84–86</p> <p>13. Transverse conductivity in $Pr_yY_{1-y}Ba_2Cu_3O_{7-\delta}$ single crystals in a wide range of praseodymium concentrations. Appl. Phys. A (2014) 117:997–1002 DOI 10.1007/s00339-014-8670-2 INVITED PAPER</p> <p>14. Электротранспорт и устойчивость кислородной подсистемы монокристаллов $YBa_2Cu_3O_{7-\delta}$ при длительной выдержке в воздухе. ФНТ,</p>		

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Фізичний	Кафедра фізики низьких температур	Гриб Олександр Миколайович	11	<ol style="list-style-type: none"> 1. Electrical Characteristics of Long Josephson Junctions Based on Tungsten Nanorods as Weak Links: Effect of Random Critical-Current Distributions 2018 IEEE Transactions on Applied Superconductivity 28(7),8435989 0 2. Resonant modes in a stack of intrinsic josephson junctions 2017 IEEE Transactions on Applied Superconductivity 27(4),7776779 2 3. Zero-field steps and coherent emission of externally heated long Josephson junctions 2017 Superconductor Science and Technology 30(1),014004 4 4. The Coherent Dynamic State of Intrinsic Josephson Junctions 2016 IEEE Transactions on Applied Superconductivity 26(3),7420590 5 5. Coherent emission of intrinsic Josephson junctions 2014 Journal of Physics: Conference Series 507(PART 4),042038 2 6. The influence of external separate heating on the synchronization of Josephson junctions 2014 Physica Status Solidi (B) Basic Research 251(5), c. 1040-1044 10 7. The resonant interaction of intrinsic josephson junctions with standing waves 2014 IEEE Transactions on Applied Superconductivity 24(4),6766242 0 8. The influence of standing waves on synchronization and self-heating of Josephson junctions in resonant systems 2012 Low Temperature Physics 38(4), c. 321-325 11 9. The influence of standing waves on synchronization and self-heating of Josephson junctions in resonant systems 2012 Fizika Nizkikh Temperatur 38(4), c. 409-413 1 10. Synchronization of self-heated Josephson junctions by a superconducting resonator 2012 Physics Procedia 36, c. 411-416 11. Stable Phase Locking in Long Intrinsic Josephson Junctions at Zero-Field Steps of IV-Characteristics 2018 2017 16th International Superconductive 		

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Фізичний	Кафедра фізики низьких температур	Кислиця Максим Валерійович	6	<ol style="list-style-type: none"> 1. Charge and heat transfer of the $Ti_3 AlC_2$ MAX phase. 2018 Journal of Materials Science: Materials in Electronics, 29(13), c. 11478-11481 2. Electrical and thermal conductivity of the $Ti_3 AlC_2$ MAX phase at low temperatures. 2018 Low Temperature Physics, 44(5), c. 451-452 3. The electrical and thermal conductivity of the MAX phase of $Ti_3 AlC_2$ at low temperatures 2018 Fizika Nizkikh Temperatur, 44(5), c. 589-591 4. Investigation of structure and properties of composite material $Al_2 O_3 - SiC$ obtained by electroconsolidation process 2018 Functional Materials, 25(1), c. 43-47 5. Ceramic cutting tools out of nanostructured refractory compounds 2017 International Journal of Refractory Metals and Hard Materials, 68, c. 142-144 6. Effect of high pressure on conductivity in the basal plane of $Y_{1-x} Pr_x Ba_2 Cu_3 O_{7-\delta}$ single crystals lightly doped of praseodymium 2015 Functional Materials, 22(1), c. 5-13 2 		
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Фізичний	Кафедра фізичної оптики	Юнакова Ольга Миколаївна	13	<p>1. The exciton absorption spectrum of thin films of ternary compounds in the AgBr-PbBr₂ system // Low Temperature Physics 44(8), pp. 856-859 (2018)</p> <p>2. Effect of iodine impurity on the absorption spectrum and phase transitions in CsPbCl₃ thin films // Functional Materials 25(2), pp. 218-224 (2018)</p> <p>3. Absorption spectrum of thin films of KPb₂ (Cl_{1-x}Br_x)₅ solid solutions //Low Temperature Physics 43(10), pp. 1222-1225 (2017)</p> <p>4. The exciton absorption spectrum of thin CuPb₃ Br₇ superionic conductor films // Low Temperature Physics 42(9), pp. 768-771 (2016)</p> <p>5. Exciton absorption spectra of KPb₂Br₅ thin films // Functional Materials 23(4), pp. 570-575 (2016)</p>		

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Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Єзерська Олена Володимирівна	12	<p>1. Cheranovskii V.O., Ezerskaya E.V., Kravchenko A.A. On a spectrum of the t-J model on a deformed lattice "necklace ladder" // Low Temperature Physics. – 2012. -38(6), с. 473-480</p> <p>2. Черановский В.О., Езерская Е.В., Кравченко А.А. О спектре <i>t-j</i> модели на деформированной решетке «лестница-ожерелье» // ФНТ. – 2012. – Т. 38, № 6. – С. 606-615.</p> <p>3. Cheranovskii V.O., Ezerskaya E.V. U=∞ Hubbard model for 1D frustrated magnets // Croatica Chemica Acta. - 2013. -86(4), с. 431-434</p> <p>4. Cheranovskii V.O., Ezerskaya E.V. Magnetic Properties of the Infinite U Hubbard Model on One-Dimensional Frustrated Lattices // Journal of Superconductivity and Novel Magnetism. - 2015. -28(3), с. 773-776</p> <p>5. Cheranovskii V.O., Ezerskaya E.V., Klein D.J., Tokarev V.V. Ground-state spin of hubbard ladder model with infinite electron repulsion // Acta Physica Polonica A. - 2017. -131(4), с. 916-918</p> <p>6. Ezerskaya E.V. The energy spectrum and thermodynamics of spin-1/2 XX chain with ising impurities // 2017. - Acta Physica Polonica A131(4), с. 928-930</p> <p>7. Cheranovskii V.O., Ezerskaya E.V., Klein D.J., Tokarev V.V. Lowest energy states of Hubbard ladder model with infinite electron repulsion. – Computational and Theoretical Chemistry. – 2018. - 1116, с. 112-116</p> <p>8. Cheranovskii V.O., Klein D.J., Ezerskaya E.V., Tokarev V.V. Validity of t - J approximation for extended Hubbard model with strong repulsion // Low Temperature Physics. – 2018. -43(11), с. 1294-1297</p> <p>9. V.O. Cheranovskii, D.J. Klein, E.V. Ezerskaya, V.V. Tokarev , Validity of t-J approximation for extended Hubbard model with strong repulsion // ФНТ. – Т. 43, Вып. 11. – СС. 1622-1625 (2017)</p> <p>10. Cheranovskii V.O., Ezerskaya E.V., Klein D.J., Tokarev V.V. Finite Size Effects in Anisotropic u = ∞ Hubbard Ladder Rings. - Journal of Superconductivity and Novel Magnetism. – 2018. -31(5), с. 1369-1373</p> <p>11. Artemov A.V., Ezerskaya E.V. Low temperature properties of finite XX - chains with additional Ising spin // Low Temperature Physics. – 2018. -44(12), с. 1285-1292</p> <p>12. А.В. Артемов, Е.В. Езерская, Низкотемпературные свойства конечных XX-цепочек с дополнительным изинговским спином // ФНТ. – Т.</p>		

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Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Рашба Георгій Ілліч	9	<p>1. Ermolaev A.M., Rashba G.I., Solyanik M.A. Magnetoplasma waves on the surface of a semiconductor nanotube with a superlattice // <i>Low Temperature Physics</i>. – 2012. –38(6), с. 511-516</p> <p>2. Ermolaev A.M., Rashba G.I., Solyanik M.A. Spin waves on the surface of a semiconductor nanotube with a superlattice // <i>Low Temperature Physics</i>. – 2012. –38(10), с. 957-961</p> <p>3. Ermolaev A.M., Rashba G.I. Collective excitations of electron gas on the nanotube surface in a magnetic field: Magnetoplasma and spin waves, zero sound // <i>Handbook of Functional Nanomaterials</i> 4, с. 215-246 (2013)</p> <p>4. Ермолаев А.М. Магнитоплазменные волны на поверхности полупроводниковой нанотрубки со сверхрешеткой / А.М. Ермолаев, Г.И. Рашба, М.А. Соляник // <i>ФНТ</i>. – 2012. – Т. 38, №6. – С. 653–659.</p> <p>5. Ермолаев А.М. Спиновые волны на поверхности полупроводниковой нанотрубки со сверхрешеткой / А.М. Ермолаев, Г.И. Рашба, М.А. Соляник // <i>ФНТ</i>. – 2012. – Т. 38, №10. – С. 1209–1215.</p> <p>6. А.М. Ермолаев, Г.И. Рашба К теории спиновых волн на поверхности нанотрубки со сверхрешеткой в магнитном поле // <i>ФТТ</i>. – т. 56. – 2014. – СС. 1642-1644.</p> <p>7. A.M. Ermolaev, G.I. Rashba Electron gas high-frequency conductivity on the surface of a nanotube with superlattice in magnetic field // <i>Physica B</i>, v. 451, (2014), pp. 20-25</p> <p>8. A.M. Ermolaev, G.I. Rashba To the theory of plasma waves on the surface of nanotube with superlattice // <i>Solid State Communications</i>. – v. 192, pp. 79-81 (2014)</p> <p>9. Ermolaev A.V., Rashba G.I. Toward the theory of spin waves on the surface of a nanotube with a superlattice in a magnetic field // <i>Physics of the Solid State</i>, 56(8), с. 1696-1699</p>		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Шкловський Валерій Олександрович	14	<p>1. Shklovskij V.A., Seo J.K. Guided vortex motion and ratchet effect in an anisotropic superconductor with a periodic pinning potential // <i>Low Temperature Physics</i>. – 2015. –40(12), с. 1048-1057</p> <p>2. Dobrovolskiy O.V., Huth M., Shklovskij V.A. Alternating current-driven microwave loss modulation in a fluxonic metamaterial – 2015 <i>Applied Physics Letters</i> 107(16), 162603</p> <p>3. А.И. Безуглый, В.А. Шкловский Колебания неизотермической N/S границы с высокой частотой и большой амплитудой // <i>ФНТ</i>. – 2016. – т. 42, № 10. – СС. 1154-1166</p> <p>4. А.И. Безуглый, В.А. Шкловский Роль электронов проводимости в формировании теплового сопротивления границы металл–диэлектрик и электросопротивление металлических пленок при низких температурах (Обзор) // <i>ФНТ</i>. – 2016. – т. 42, № 8. – СС. 809-840</p> <p>5. O. V. Dobrovolskiy, M. Hanefeld, M. Zorb, M. Huth, and V. A. Shklovskij Interplay of flux guiding and Hall effect in Nb films with nanogrooves // <i>Supercond. Sci. Technol.</i>, v. 29, N 6, 065009–1-7 (2016)</p> <p>6. O. V. Dobrovolskiy, M. Huth, V. A. Shklovskij and R.V. Vovk Mobile fluxons as coherent probes of periodic pinning in superconductors // <i>Scientific Reports</i> 7, Article number: 13740(2017) doi:10.1038/s41598-017-14232-z</p> <p>7. V. A. Shklovskij Pinning effects on hot-electron vortex flow instability in</p>		

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Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Бойко Юрій Іванович	15	<p>1. Enhanced oxygen diffusion in nano-structured ceria Открытый доступ Boyko, Y.I., Biletskiy, V.I., Bogdanov, V.V., (...), Goulatis, I.L., Chroneos, A. 2018 <i>Journal of Materials Science: Materials in Electronics</i> 29(6), c. 4743-4748</p> <p>2. Thermal and crack resistance of ceramics based on the MAX phase Ti₃AlC₂ Boyko, Y.I., Bogdanov, V.V., Vovk, R.V., (...), Korshak, V.F., Prikhna, T.A. 2018 <i>Functional Materials</i> 25(4), c. 708-712</p> <p>3. Electrophysical properties of nanoporous cerium dioxide–water system Открытый доступ Biletskiy, V.I., Bogdanov, V.V., Boyko, Y.I., (...), Goulatis, I.L., Chroneos, A.I. 2017 <i>Journal of Materials Science: Materials in Electronics</i> 28(2), c. 2157-2159</p> <p>4. Structural rearrangement and change of cerium valence in cerium dioxide (CeO₂) nanocrystals Boyko, Y.I., Seminko, V.V., Maksimchuk, P.O., Malyukin, Y.V. 2016 <i>Functional Materials</i> 23(2), c. 202-205</p> <p>5. Surface structural relaxation and plasticity of nanocrystals Boyko, Y.I., Korshak, V.F. 2015 <i>Problems of Atomic Science and Technology</i> 99(5), c. 77-80</p> <p>6. Contact relaxation phenomena in nano-structured composite materials Boyko, Y.I., Volosyuk, M.A., Volosyuk, A.V., Rokhmanov, N.Y. 2015 <i>Functional Materials</i> 22(2), c. 162-168</p> <p>7. Mechanism of contact formation between squeezed crystalline solids Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2013 <i>Problems of Atomic Science and Technology</i> 87(5), c. 163-167</p>		

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Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Богданов Валерій Віталійович	17	<p>1. Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., Khadzhai, G.Y. Some peculiarities of the kinetics of labile oxygen in underdoped single crystals of YBa₂Cu₃O_{7-x} https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=57201587313&zone=2018 Fizika Nizkikh Temperatur 44(4), c. 455-458</p> <p>2. Some peculiarities of labile oxygen kinetics in underdoped single crystals of YBa₂Cu₃O_{7-x} Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., Khadzhai, G.Y. 2018 Low Temperature Physics 44(4), c. 346-348</p> <p>3. Enhanced oxygen diffusion in nano-structured ceria Boiko, Y.I., Biletskyi, V.I., Bogdanov, V.V., (...), Goulatis, I.L., Chroneos, A. 2018 Journal of Materials Science: Materials in Electronics 29(6), c. 4743-4748</p> <p>4. Redistribution of oxygen ions in single crystal YBa₂Cu₃O_{7-x} owing to external hydrostatic pressure Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., Khadzhai, G.Y., Savich, S.V. 2018 Low Temperature Physics 44(1), c. 41-44</p> <p>5. Redistribution of oxygen ions in YBa₂Cu₃O_{7-x} single crystals due to external hydrostatic pressure Boiko, Yu.I., Bogdanov, V.V., Vovk, R.V., Khadzhai, G.Ya., Savich, S.V. 2018 Fizika Nizkikh Temperatur 44(1), c. 53-58</p> <p>6. Thermal and crack resistance of ceramics based on the MAX phase Ti₃AlC₂ Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., (...), Korshak, V.F., Prikhna, T.A. 2018 Functional Materials 25(4), c. 708-712</p> <p>7. Diffusion coalescence in YBa₂Cu₃O_{7-x} single crystals under the application of hydrostatic pressure Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., (...), Goulatis, I.L., Chroneos, A. 2017 Materials Research Express 4(9), 096001</p> <p>8. Relaxation of the electric resistance in YBa₂Cu₃O_{7-x} single</p>		

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Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Нацик Василь Дмитрович	20	<p>1. Computer simulation and analytic description of the structural defects in two-dimensional limited in size crystals: Free boundary, dislocations, crowdions Natsik, V.D., Smirnov, S.N., Belan, V.I. 2018 Fizika Nizkikh Temperatur 44(7), c. 877-886</p> <p>2. Computer modeling and analytical description of structural defects in two-dimensional crystals of bounded sizes: Free boundary, dislocations, and crowdions Natsik, V.D., Smirnov, S.N., Belan, V.I. 2018 Low Temperature Physics 44(7), c. 688-695</p> <p>3. Tunneling-thermally activated vacancy diffusion mechanism in quantum crystals Natsik, V.D., Smirnov, S.N. 2017 Low Temperature Physics 43(10), c. 1163-1171</p> <p>4. Tunnel-thermally activated mechanism of vacancy diffusion in a quantum crystal Natsik, V.D., Smirnov, S.N. 2017 Fizika Nizkikh Temperatur 43(10), c. 1459-1470</p> <p>5. Dislocations and crowdions in two-dimensional crystals. Part III: Plastic deformation of the crystal as a result of defect movement and defect interaction with the field of elastic stresses Natsik, V.D., Smirnov, S.N. 2016</p>		

			<p>Low Temperature Physics 42(3), c. 207-218</p> <p>6. Dislocation mechanisms of low-temperature internal friction in nanostructured materials Natsik, V.D., Semerenko, Y.A. 2016 Low Temperature Physics 42(2), c. 138-148</p> <p>7. Dislocation mechanism of low-temperature internal friction in nanostructured materials Natsik, V.D., Semerenko, Yu.A. 2016 Fizika Nizkikh Temperatur 42(2), c. 185-197</p> <p>8. Dislocations and crowdions in two-dimensional crystals. II. Elastic fields and intrinsic energies in a 2D hexagonal lattice Natsik, V.D., Smirnov, S.N. 2015 Low Temperature Physics 41(3), 1.4916387</p> <p>9. Dislocations and crowdions in two-dimensional crystals. Part II: Elastic fields and intrinsic energies of the above defects in a crystal with a plane hexagonal lattice Natsik, V.D., Smirnov, S.N. 2015 Fizika Nizkikh Temperatur 41(3), c. 271-277</p> <p>10. Giant young's modulus variations in ultrafine-grained copper caused by texture changes at post-spd heat treatment Открытый доступ Pal-Val, P., Pal-Val, L., Natsik, V., Davydenko, A., Rybalko, A. 2015 Archives of Metallurgy and Materials 60(4), c. 3073-3076</p> <p>11. Unusual Young's modulus behavior in ultrafine-grained and microcrystalline copper wires caused by texture changes during processing and annealing Pal-Val, P.P., Loginov, Y., Demakov, S.L., (...), Davydenko, A.A., Rybalko, A.P. 2014 Materials Science and Engineering A 618, c. 9-15</p> <p>12. Dislocations and crowdions in two-dimensional crystals. I. Atomic-lattice models and a continuum description of these defects in elastic anisotropic 2D media Natsik, V.D., Smirnov, S.N. 2014 Low Temperature Physics 40(12), c. 1063-1076</p> <p>13. Dislocations and crowdions in two-dimensional crystals. Part 1. Atomic lattice models and continual description of the above defects in an elastic anisotropic 2D medium Natsik, V.D., Smirnov, S.N. 2014 Fizika Nizkikh Temperatur 40(12), c. 1366-1383</p> <p>14. The mechanics of 2D crystals: A change from the atomic-lattice description to equations of the elasticity theory Natsik, V.D., Smirnov, S.N. 2013 Low Temperature Physics 39(6), c. 534-545</p> <p>15. The 2D crystals mechanics: Transition from atomic lattice description to the elastic theory equations Natsik, V.D., Smirnov, S.N. 2013 Fizika Nizkikh Temperatur 39(6), c. 690-703</p> <p>16. Investigation of the creep and glass transition of elastomers by the microindentation method: Epoxy resin and related nanocomposites Natsik, V.D., Fomenko, L.S., Lubenets, S.V. 2013 Physics of the Solid State 55(5), c. 1020-1033</p> <p>17. Observation of glass-like low-temperature anomalies when studying the acoustic properties of nanostructured metals Natsik, V.D., Vatazhuk, E.N., Pal-Val, P.P., Pal-Val, L.N., Moskalenko, V.A. 2013 Fizika Nizkikh Temperatur 39(12), c. 1381-1396</p> <p>18. The effect of light doping on the creep of β-Sn single crystals induced by superconducting transition Soldatov, V.P., Kirichenko, G.I., Natsik, V.D., Kazarov, Y.G. 2012 Low Temperature Physics 38(10), c. 966-972</p> <p>19. The effect of light doping on creep of β-Sn single crystals induced by superconducting transition Soldatov, V.P., Kirichenko, G.I., Natsik, V.D., Kazarov, Yu.G. 2012 Fizika Nizkikh Temperatur 38(10), c. 1221-1229</p>		
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Фізичний	Кафедра експериментальної фізики	Шеховцов Олег Валерійович	6	<p>1. Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride (2016) <i>Problems of Atomic Science and Technology</i>, 102 (2), pp. 92-98.</p> <p>2. Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) <i>Functional Materials</i>, 23 (4), pp. 561-569.</p> <p>3. Plastic rotations in polycrystalline aluminium foils (2015) <i>Metallofizika i Noveishie Tekhnologii</i>, 37 (7), pp. 951-960.</p> <p>4. Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) <i>Functional Materials</i>, 22 (3), pp. 396-401.</p> <p>5. Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) <i>Functional Materials</i>, 21 (3), pp. 307-312.</p> <p>6. C-axis hopping conductivity in heavily Pr-doped YBCO single crystals (2013) <i>Superconductor Science and Technology</i>, 26 (8), стаття № 085017, .</p>		
Фізичний	Кафедра експериментальної фізики	Тонкопряд Алла Григорівна	6	<p>1. Effects of temperature on the laws of plastic deformation and mechanical characteristics foils Al coated with titanium nitride (2016) <i>Problems of Atomic Science and Technology</i>, 102 (2), pp. 92-98.</p> <p>2. Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation (2016) <i>Functional Materials</i>, 23 (4), pp. 561-569.</p> <p>3. Features of structure of copper two-dimensional polycrystals obtained by recrystallization method and nature of its changes in process of plastic deformation (2016) <i>Problems of Atomic Science and Technology</i>, 101 (1), pp. 88-91.</p> <p>4. Plastic rotations in polycrystalline aluminium foils (2015) <i>Metallofizika i Noveishie Tekhnologii</i>, 37 (7), pp. 951-960.</p> <p>5. Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation (2015) <i>Functional Materials</i>, 22 (3), pp. 396-401.</p> <p>6. Determination of characteristics of substructure and orientation inhomogeneity in polycrystalline specimens (2014) <i>Functional Materials</i>, 21 (3), pp. 307-312.</p>		
Фізичний	Кафедра експериментальної фізики	Єгоренков Володимир Дмитрович	29	<p>1. Cathode design effect on gas breakdown and modes of burning of the glow discharge in nitrogen (2018) <i>Problems of Atomic Science and Technology</i>, 116 (4), pp. 150-155.</p> <p>2. Structure and modes of dc glow discharge in nitrogen with hollow cathode or anode (2018) <i>Problems of Atomic Science and Technology</i>, 118 (6), pp. 210-213.</p> <p>3. Current gain of a pulsed DC discharge in low-pressure gases</p>		

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Соціологічний	Кафедра методів соціологічних досліджень	Кізілова Ксенія Олександрівна	8	<p>1. Haerpfer C., Kizilova K. Chapter 7. Support for Political System in Post-communist Europe and Post-Soviet Eurasia// <i>The Civic Culture Transformed</i> / Editorial Board: Russell J. Dalton, Christian Welzel - Cambridge University Press, 2014. – pp. 158-190;</p> <p>2. Kseniya Kizilova, Adrianna Murphy, Bayard Roberts, Catherine McGowan, Alexander Kizilov, Tim Rhodes & Martin McKee. One for all: Workplace social context and drinking among railway workers in Ukraine. <i>Global Public Health</i>, 2014. http://dx.doi.org/10.1080/17441692.2014.979856</p> <p>3. Kuhlbrandt C, Balabanova D, Chikovani I., Petrosyan V., Kizilova K., Ivaniuto O., Danii O., Makarova N., McKee M. In search of patient-centred care in middle income countries: the experience of diabetes care in the former Soviet Union. <i>Health Policy</i>. 2014 Nov; 118(2):193-200. doi: 10.1016/j.healthpol.2014.08.009. Epub 2014 Aug 30.</p> <p>4. Andrew Stickley, Ai Koyanagi, Bayard Roberts, Kseniya Kizilova, Adrianna Murphy, Martin McKee. Male solitary drinking and hazardous alcohol use in nine countries of the former Soviet Union. <i>Drugs and alcohol dependence</i>, 2015: doi:10.1016/j.drugalcdep.2015.02.017</p>		

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Екологічний	Моніторинг довкілля та природо-користування	Максименко Надія Василівна			5	<p>1. Directions for optimization of natural resource use in environmental management for local areas Maksymenko, N. V.; Klieshch, A. A. DNIPROPETROVSK UNIVERSITY BULLETIN SERIES-GEOLOGY GEOGRAPHY Том: 25 Выпуск: 2 Стр.: 81-88 Опубликовано: 2017</p> <p>2. CONCEPT OF ENVIRONMENTALLY PROTECTIVE FARMING FOR THE FOREST-STEPPE ZONE Sonko, Sergiy; Maksymenko, Nadiya; Peresadko, Vilina; VISNYK OF V N KARAZIN KHARKIV NATIONAL UNIVERSITY-SERIES GEOLOGY GEOGRAPHY ECOLOGY Выпуск: 48 Стр.: 161-172 Опубликовано: 2018</p> <p>3. Dynamics of the temperature regime of the North Atlantic coastal zone as an indicator of changes in the system of thermohaline circulation Maksymenko, N., V; Medvedeva, Yu, V; Cherkashyna, N., I JOURNAL OF GEOLOGY GEOGRAPHY AND GEOECOLOGY Том: 27 Выпуск: 3 Стр.: 478-484 Опубликовано: 2018</p> <p>4. Geochemical aspect of landscape planning in forestry Maksymenko, N. V.; Voronin, V. O.; Cherkashyna, N. I.; с соавторами. JOURNAL OF GEOLOGY GEOGRAPHY AND GEOECOLOGY Том: 27 Выпуск: 1 Стр.: 81-87 Опубликовано: 2018</p> <p>5. Directions for optimization of natural resource use in environmental management for local areas Maksymenko, N. V.; Klieshch, A. A. JOURNAL OF GEOLOGY GEOGRAPHY AND GEOECOLOGY Том: 25 Выпуск: 2 Стр.: 81-88 Опубликовано: 2017</p>
Економічний	Кафедра економічної кібернетики та прикладної економіки	Кононова Катерина Юріївна	9	<p>1. Merkulova, T., Kononova, K., Titomir, O. Development trends of circular economy: Case study of Ukraine 2017 Rivista di Studi sulla Sostenibilita (2), c. 51-66</p> <p>2. Kononova, K., Dek, A., Shpakovych, M. Modeling of posting behavior in social media 2017 CEUR Workshop Proceedings 2030, c. 837-849</p> <p>3. Merkulova, T., Kononova, K. Environmental management: Emission control instruments 2016 Quality - Access to Success 17, c. 497-503</p> <p>4. Kononova, K., Kovpak, E. Green ICTs: Impact on the environmental sustainability 2016 International Journal of Sustainable Agricultural Management</p>		

				<p>and Informatics 2(2-4), c. 95-109</p> <p>5. Merkulova, T., Bitkova, T., Kononova, K. Tax factors of sustainable development: System dynamics approach towards tax evasion analyses 2016 Rivista di StudisullaSostenibilita</p> <p>6. Kononova, K. Some aspects of ICT measurement: Comparative analysis of e-indexes 2015 CEUR Workshop Proceedings 1498, c. 938-945</p> <p>7. De Angelis, M.C., Kononova, K. Anthropocentric approach, food lifestyles and well-being sustainability 2015 Rivista di StudisullaSostenibilita (2), c. 31-44</p> <p>8. Kononova, K., Lopez-Sanchez, M. Evolutionary processes in economics: Multi-agent model of macrogenerations dynamics 2013 Frontiers in Artificial Intelligence and Applications 256, c. 311-315</p> <p>9. Kononova, K. Information society: Statistical profiles and development stages 2013Contributions to Economics</p>		
Економічний	Кафедра фінансів, банківської справи та страхування	Глущенко Ольга Вікторівна	7	<p>1. Hlushchenko O. Well-being funding: essence and estimation method / O. Hlushchenko // RIVISTA DI STUDI SULLA SOSTENIBILITA' – 2016. – № 2. – pp. 45-55, DOI:10.3280/RISS2016-002005</p> <p>2. Glushchenko O.V. Financial System: in Search of a New Paradigm / O.V. Glushchenko // Actual Problems of Economics. – 2015. – № 9(171), – P. 21-30</p> <p>3. Глущенко О.В. Добробут як імператив суспільного розвитку України / О.В. Глущенко // Економічний часопис-XXI – 2016. – №156(1-2). – С. 31-36</p> <p>4. Глущенко О.В. Фінансові чинники формування національного добробуту на рівні централізованих фінансів / О.В. Глущенко // Актуальні проблеми економіки. – 2016. – № 9(183). – С. 273–284</p> <p>5. Глущенко О.В. Фінансова архітектоніка в умовах біфуркації / О.В. Глущенко // Актуальні проблеми економіки. – 2016. – № 5(179). – С. 8–19</p> <p>6. Глущенко О.В. Сталій розвиток України: можливості та загрози / О.В. Глущенко // Фінансово-кредитна діяльність: проблеми теорії та практики. – 2017. – №2(23). – С. 372-378</p> <p>7. Глущенко О. В. Застосування акселератора сталого розвитку у форсайті національного добробуту України / О.В. Глущенко // Маркетинг і менеджмент інновацій. – 2018. – №1(16). – С. 391 - 405 DOI:10.21272/mmi.2018.1-31</p>		
Міжнародних економічних відносин та туристичного бізнесу	Міжнародних економічних відносин	Матюшенко Ігор Володимирович	1	<p>1. Matyushenko, I., Shtal, T., Piddubny, I., Piddubna, L., & Kvitka, Yu. (2018). Development prospects of Ukraine's foreign trade in agricultural products in the context of European integration and Global challenges. <i>Journal of Advanced Research in Law and Economics</i>, Volume IX, issue 4(34): 1343 – 1361. DOI:10.14505/jarle.v9.4(34).2</p>	5	<p>1. Modern Approaches to Classification of Biotechnology as a Part of NBIC-Technologies for Bioeconomy British Journal of Economics, Management & Trade, ISSN: 2278-098X, Vol.: 14, Issue.: 4 DOI : 10.9734/BJEMT/2016/28151</p> <p>2. Prospects for Information Economy in Ukraine Using Grid-computations Based on Nbic-technologies. British Journal of Economics, Management & Trade, 12 (3), 1-18. [Electronic resource]. – Access mode : http://sciencedomain.org/issue/1573. (ISI Web of Science; DOI: 10.9734/BJEMT/2016/24151). (2016)</p> <p>3. Benchmarking study of the Global and Ukrainian trends in nanotechnologies' scientific research for the future NBIC-society British Journal of Economics, Management & Trade, 13 (2), 1-24 [Electronic resource]. – Access mode: http://sciencedomain.org/issue/1758. (ISI Web of</p>

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Міжнародних економічних відносин та туристичного бізнесу	Міжнародної електронної комерції та готельно-ресторанної справи	Бабенко Віталіна Олексіївна	7	<p>1. Babenko, V., Nazarenko, O., Nazarenko, I., Mandych, O. (2018). Aspects of program control over technological innovations with consideration of risks. <i>Eastern-European Journal of Enterprise Technologies</i>, Vol. 3/4 (93), pp. 6-14. DOI: 10.15587/1729-4061.2018.133603</p> <p>2. Babenko, V., Chebanova, N., Ryzhikova, N., Rudenko, S, Birchenko, N. (2018). Research into the process of multi-level management of enterprise production activities with taking risks into consideration. <i>Eastern-European Journal of Enterprise Technologies</i>, Vol. 1, No 3 (91), pp. 4-12. DOI: 10.15587/1729-4061.2018.123461</p> <p>3. Babenko, V., Romanenkov, Yu., Yakymova, L., Nakisko, A. (2017). Development of the model of minimax adaptive management of innovative processes at an enterprise with consideration of risks. <i>Eastern-European Journal of Enterprise Technologies</i>, Vol. 5, No. 4 (89), pp. 49-56. DOI: https://doi.org/10.15587/1729-4061.2017.112076</p> <p>4. Malyarets, L, Draskovic, M., Babenko, V., Kochuyeva, Z., Dorokhov, O. (2017). Theory and practice of controlling at enterprises in international business Theory and practice of controlling at enterprises in international business <i>Economic Annals-XXI</i>, Vol. 165, Iss. 5-6, 90-96. DOI: 10.21003/ea.V165-19</p> <p>5. Babenko, V., Pasmor, M., Pankova, Ju., Sidorov, M. (2017). The place and perspectives of Ukraine in international integration space. <i>Problems and Perspectives in Management</i>, Vol. 15, Issue 1, pp. 80-92. DOI 10.21511/ppm.15(1).2017.08</p> <p>6. Shorikov, A.F., Babenko, V.A. (2014). Optimization of assured result in dynamical model of management of innovation process in the enterprise of agricultural production complex. <i>Economy of Region</i>, Issue 1, pp. 196-202. DOI: 10.17059/2014-1-18</p> <p>7. Babenko, V.A. (2013). Formation of economic-mathematical model for process dynamics of innovative technologies management at agroindustrial enterprises. <i>Actual Problems of Economics</i>, Vol. 139, Issue 1, pp. 182-186</p>	2	<p>1. Babenko, V. O. (2017). Modeling of factors influencing innovation activities of agricultural enterprises of Ukraine. <i>Scientific Bulletin of Polissia</i>, No. 1 (9), p. 2, pp. 115-121. DOI: 10.25140/2410-9576-2017-2-2(10)</p> <p>2. Babenko, V. O., Petuhova, V. O., Perepelitsia, A. S. (2017). Forming of informatization strategic prospects for Ukraine in conditions of world economy globalization. <i>Scientific Bulletin of Polissia</i>, Vol. 1, No. 2 (10), pp. 24-34. DOI: 10.25140/2410-9576-2017-1-2(10)-24-34</p>
Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Жолткевич Григорій Миколайович	33	<p>1. Descriptive Modeling of the Dynamical Systems and Determination of Feedback Homeostasis at Different Levels of Life Organization // <i>Acta Biotheoretica</i>, 2018, p. 1-13</p> <p>2. Two approaches to modelling logical time in cyber-physical systems // <i>Communications in Computer and Information Science</i>, 2018, 826, c. 21-40</p> <p>3. Preface // <i>Communications in Computer and Information Science</i>, 2018, 826, c. V-VII</p> <p>4. Toward synthesis of event-pattern detectors for event complex processing</p>	7	<p>1. Descriptive Modeling of the Dynamical Systems and Determination of Feedback Homeostasis at Different Levels of Life Organization // Acta Biotheoretica, 2018, p. 1-13</p> <p>2. Two approaches to modelling logical time in cyber-physical systems // <i>Communications in Computer and Information Science</i>, 2018, 826, c. 21-40</p> <p>3. Realization of synchronous and asynchronous black boxes using machines // <i>Communications in Computer and Information Science</i>, 2016, 594, c. 124-139</p> <p>4. Unmasking the soil cover's disruption by modeling the dynamics of</p>

			<p>with using machine learning // CEUR Workshop Proceedings 2018, V. 2104, c. 707-715</p> <p>5. Category methods for analysis of two approaches to modelling logical time based on concept of clocks // CEUR Workshop Proceedings 2018, V. 2104, c. 696-706</p> <p>6. Logical time models to study cyber-physical systems // CEUR Workshop Proceedings, V.1844, 2017, P. 488-503</p> <p>7. Preface // CEUR Workshop Proceedings, V.1851, 2017</p> <p>8. Development of the descriptive binary model and its application for identification of clumps of toxic cyanobacteria // Eastern European Journal of Enterprise Technologies, V. 4, Issue 4-88, 2017, P. 4-11</p> <p>9. Descriptive models of system dynamics // Communications in Computer and Information Science, V. 783, 2017, P. 97-114</p> <p>10. Preface // Communications in Computer and Information Science, V. 783, 2017, P. V-VI</p> <p>11. Realization of synchronous and asynchronous black boxes using machines // Communications in Computer and Information Science, 2016, 594, c. 124-139</p> <p>12. Preface // Communications in Computer and Information Science, 2016, 594, c. V-VI</p> <p>13. Descriptive models of system dynamics // CEUR Workshop Proceedings, 2016, 1614, c. 57-72</p> <p>14. Preface // CEUR Workshop Proceedings, 2016, 1614, c. i-ii</p> <p>15. Realization of "black boxes" using machines // CEUR Workshop Proceedings, 2015, 1356, c. 326-337</p> <p>16. Coalgebraic semantic model for the clock constraint specification language // Communications in Computer and Information Science, 2015, 476, c. 174-188</p> <p>17. Preface // CEUR Workshop Proceedings, 2015, 1356</p> <p>18. Decomposition of Directed Graphs and the Turán Problem // Ukrainian Mathematical Journal, 2014, 66(7), c. 1070-1084</p> <p>19. Pre-automata and complex event processing // Communications in Computer and Information Science, 2014, 469, c. 100-116</p> <p>20. Information and communication technologies in education, research, and industrial application: 10th International Conference, ICTERI 2014 Kherson, Ukraine, June 9–12, 2014 revised selected papers // Communications in Computer and Information Science, 2014, 469</p> <p>21. Preface // Communications in Computer and Information Science, 2014, 469, c. V-VII</p> <p>22. Discrete Modeling of Dynamics of Zooplankton Community at the Different Stages of an Antropogeneous Eutrophication // Acta Biotheoretica, 2013, 61(4), c. 449-465</p> <p>23. Asymptotical information bound of consecutive qubit binary testing // CEUR Workshop Proceedings, 2013, 1000, c. 163-177</p> <p>24. Protoautomata as models of systems with data accumulation // CEUR Workshop Proceedings, 2013, 1000, c. 582-589</p> <p>25. Wireframe model for simulating quantum information processing systems // CEUR Workshop Proceedings, 2013, 1000, c. 18-29</p> <p>26. Abstract quantum automata as formal models of quantum information processing systems // Communications in Computer and Information Science,</p>	<p>ground vegetation parameters // Visnyk NTUU KPI Seria-Radiotekhnika Radioaparotobuduvannia, 2016, 64, c. 101-109</p> <p>5. Coalgebraic semantic model for the clock constraint specification language // Communications in Computer and Information Science, 2015, 476, c. 174-188</p> <p>6. Decomposition of Directed Graphs and the Turán Problem // Ukrainian Mathematical Journal, 2014, 66(7), c. 1070-1084</p> <p>7. Discrete Modeling of Dynamics of Zooplankton Community at the Different Stages of an Antropogeneous Eutrophication // Acta Biotheoretica, 2013, 61(4), c. 449-465</p>
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Математики і інформатики	Кафедра фундаментальної математики	Кадець Володимир Михайлович	30	<ol style="list-style-type: none"> 1. Nonexpansive bijections to the unit ball of the ℓ_1-sum of strictly convex Banach spaces//Bulletin of the Australian Mathematical Society, 2018, 97(2), p. 285-292 2. Some geometric properties of Read's space// Journal of Functional Analysis, 2018, 274(3), c. 889-899 3. Γ-flatness and Bishop–Phelps–Bollobás type theorems for operators// Journal of Functional Analysis, 2018, 274(3), c. 863-888 4. Some stability results// Lecture Notes in Mathematics, 2018, V. 2205, c. 115-150 5. Some examples in classical banach spaces// Lecture Notes in Mathematics, 2018, V. 2205, c. 67-82 6. Preface// Lecture Notes in Mathematics, 2018, V. 2205, c. vii-xii 7. Further results// Lecture Notes in Mathematics, 2018, V. 2205, c. 83-95 8. Spear operators between banach spaces// Lecture Notes in Mathematics, 2018, V. 2205, c. 153-161 9. Open problems// Lecture Notes in Mathematics, 2018, V. 2205, c. 151-152 10. Spear vectors and spear sets // Lecture Notes in Mathematics, 2018, V. 2205, c. 37-47 11. Lipschitz spear operators// Lecture Notes in Mathematics, 2018, V. 2205, c. 103-113 12. Historical introduction: A walk on the results for banach spaces with numerical index 1 // Lecture Notes in Mathematics, 2018, V. 2205, c. 1-36 13. Isometric and isomorphic consequences // Lecture Notes in Mathematics, 2018, V. 2205, c. 97-102 14. Three definitions for operators: Speariness, the alternative daugavet property, and lushness// Lecture Notes in Mathematics, 2018, V. 2205, c. 49-66 15. Baire theorem for ideals of sets// Journal of Mathematical Analysis and Applications, 2017, 445(2), c. 1221-1231 16. Quantitative version of the Bishop-Phelps-Bollobás theorem for operators with values in a space with the property β//Matematychni Studii, 2017, 47(1), c. 71-90 8. Further Properties of the Bishop–Phelps–Bollobás Moduli // 	30	<ol style="list-style-type: none"> 1. Chebyshev Centers that are Not Farthest Points // Indian Journal of Pure and Applied Mathematics, 2018, 49(2), c. 189-204 2. Nonexpansive bijections to the unit ball of the ℓ_1-sum of strictly convex Banach spaces//Bulletin of the Australian Mathematical Society, 2018, 97(2), p. 285-292 3. Some geometric properties of Read's space// Journal of Functional Analysis, 2018, 274(3), c. 889-899 4. Γ-flatness and Bishop–Phelps–Bollobás type theorems for operators// Journal of Functional Analysis, 2018, 274(3), c. 863-888 5. Some stability results// Lecture Notes in Mathematics, 2018, V. 2205, c. 115-150 6. Some examples in classical banach spaces// Lecture Notes in Mathematics, 2018, V. 2205, c. 67-82 7. Preface// Lecture Notes in Mathematics, 2018, V. 2205, c. vii-xii 8. Further results// Lecture Notes in Mathematics, 2018, V. 2205, c. 83-95 9. Spear operators between banach spaces// Lecture Notes in Mathematics, 2018, V. 2205, c. 153-161 10. Open problems// Lecture Notes in Mathematics, 2018, V. 2205, c. 151-152 11. Spear vectors and spear sets // Lecture Notes in Mathematics, 2018, V. 2205, c. 37-47 12. Lipschitz spear operators// Lecture Notes in Mathematics, 2018, V. 2205, c. 103-113 13. Historical introduction: A walk on the results for banach spaces with numerical index 1 // Lecture Notes in Mathematics, 2018, V. 2205, c. 1-36 14. Isometric and isomorphic consequences // Lecture Notes in Mathematics, 2018, V. 2205, c. 97-102 15. Three definitions for operators: Speariness, the alternative daugavet property, and lushness// Lecture Notes in Mathematics, 2018, V. 2205, c. 49-66 16. Operations with slicely countably determined sets // Funct. Approx. Comment. Math., 2018, 59, 1 p. 77-98 17. Baire theorem for ideals of sets// Journal of Mathematical Analysis and

				<p>Mediterranean Journal of Mathematics, 2016, V. 13, Issue 5, p 3173–3183</p> <p>9. Plasticity of the unit ball of a strictly convex Banach space // Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matematicas, 2016, 110(2), c. 723-727</p> <p>10. Norm-attaining Lipschitz functionals // Banach Journal of Mathematical Analysis, 2016, 10(3), c. 621-637</p> <p>11. Hypercyclic operators are subspace hypercyclic // Journal of Mathematical Analysis and Applications, 2016, 435(2), c. 1812-1815</p> <p>12. Lipschitz slices and the daugavet equation for Lipschitz operators // Proceedings of the American Mathematical Society, 2015, 143(12) c. 5281-5292</p> <p>13. Description of the limit set of Henstock-Kurzweil integral sums of vector-valued functions // Journal of Mathematical Analysis and Applications, 2015, 421(2), c. 1151-1162</p> <p>14. Two refinements of the Bishop-Phelps-Bollobás modulus // Banach Journal of Mathematical Analysis, 2015, 9(4), c. 296-315</p> <p>15. Bishop-Phelps-Bollobás moduli of a Banach space // Journal of Mathematical Analysis and Applications, 2014, 412(2), c. 697-719</p> <p>16. Radon-Nikodým theorems for multimeasures in non-separable spaces // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(1), c. 7-24</p> <p>17. A Bishop-Phelps-Bollobás type theorem for uniform algebras // Advances in Mathematics, 2013, 240, c. 370-382</p> <p>18. Lushness, numerical index 1 and the daugavet property in rearrangement invariant spaces // Canadian Journal of Mathematics, 2013, 65(2), c. 331-348</p> <p>19. Extension of isometries between unit spheres of finite-dimensional polyhedral Banach spaces // Journal of Mathematical Analysis and Applications, 2012, 396(2), c. 441-447</p> <p>20. Pointwise absolutely convergent series of operators and related classes of Banach spaces // Central European Journal of Mathematics, 2012, 10(2), c. 603-608</p>		<p>Applications, 2017, 445(2), c. 1221-1231</p> <p>18. Further Properties of the Bishop–Phelps–Bollobás Moduli // Mediterranean Journal of Mathematics, 2016, V. 13, Issue 5, p 3173–3183</p> <p>19. Plasticity of the unit ball of a strictly convex Banach space // Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales - Serie A: Matematicas, 2016, 110(2), c. 723-727</p> <p>20. Norm-attaining Lipschitz functionals // Banach Journal of Mathematical Analysis, 2016, 10(3), c. 621-637</p> <p>21. Hypercyclic operators are subspace hypercyclic // Journal of Mathematical Analysis and Applications, 2016, 435(2), c. 1812-1815</p> <p>22. Lipschitz slices and the daugavet equation for Lipschitz operators // Proceedings of the American Mathematical Society, 2015, 143(12) c. 5281-5292</p> <p>23. Description of the limit set of Henstock-Kurzweil integral sums of vector-valued functions // Journal of Mathematical Analysis and Applications, 2015, 421(2), c. 1151-1162</p> <p>24. Two refinements of the Bishop-Phelps-Bollobás modulus // Banach Journal of Mathematical Analysis, 2015, 9(4), c. 296-315</p> <p>25. Bishop-Phelps-Bollobás moduli of a Banach space // Journal of Mathematical Analysis and Applications, 2014, 412(2), c. 697-719</p> <p>26. Radon-Nikodým theorems for multimeasures in non-separable spaces // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(1), c. 7-24</p> <p>27. A Bishop-Phelps-Bollobás type theorem for uniform algebras // Advances in Mathematics, 2013, 240, c. 370-382</p> <p>28. Lushness, numerical index 1 and the daugavet property in rearrangement invariant spaces // Canadian Journal of Mathematics, 2013, 65(2), c. 331-348</p> <p>29. Extension of isometries between unit spheres of finite-dimensional polyhedral Banach spaces // Journal of Mathematical Analysis and Applications, 2012, 396(2), c. 441-447</p> <p>30. Pointwise absolutely convergent series of operators and related classes of Banach spaces // Central European Journal of Mathematics, 2012, 10(2), c. 603-608</p>
Математики і інформатики	Кафедра прикладної математики	Кізілова Наталія Миколаївна	14	<p>1. Validation of numerical models for flow simulation and wave propagation along human aorta // Journal of Physics: Conference Series, 2018, 1101(1), 012014</p> <p>2. A mechanical model of heart valves with chordae for in silico real-time computations and cardiac surgery planning // Engineering Transactions, 2018, 66(4), c. 391-412</p> <p>3. Investigation of antiradiation and anticancer efficiency of nanodiamonds on rat erythrocytes // Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017 2017-January, 8190335</p> <p>4. Complex flows of immiscible microfluids and nanofluids with velocity slip boundary conditions // Springer Proceedings in Physics, 2017, 195, c. 207-228</p> <p>5. Numerical elastoplastic analysis of trabeculae in lumbar vertebral body // Engineering Transactions, 2017, 65(1), c. 83-88</p>	6	<p>1. Investigation of antiradiation and anticancer efficiency of nanodiamonds on rat erythrocytes // Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017 2017-January, 8190335</p> <p>2. Complex flows of immiscible microfluids and nanofluids with velocity slip boundary conditions Springer Proceedings in Physics, 2017, 195, c. 207-228</p> <p>3. Diagnostics of coronary stenoses: Analysis of arterial blood pressure signals and mathematical modeling // BIOSIGNALS 2014 - 7th Int. Conference on Bio-Inspired Systems and Signal Processing, Proceedings; Part of 7th Int. Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2014, c. 76-83</p> <p>4. Quasi-regular and chaotic dynamics of postural sway in human // Springer Proceedings in Mathematics and Statistics, 2014, 93, c. 103-114</p> <p>5. Mathematical models of biofluid flows in compliant ducts // Archives of Mechanics, 2012, 64(1), c. 65-94</p> <p>6. Mathematical modeling of transport-growth processes in multiphase</p>

				<p>6. Three-chamber model of human vascular system for explanation the quasi-regular and chaotic dynamics of the blood pressure and flow oscillations // Springer Proceedings in Mathematics and Statistics, 2016, 181, c. 209-220</p> <p>7. Biomechanical analysis of asymmetric mesio-distal molar positions loaded by a symmetric cervical headgear // Acta of Bioengineering and Biomechanics, 2016, 18(4), c. 97-106</p> <p>8. Nature inspired optimal design of heat conveying networks for advanced fiber-reinforced composites // Journal of Thermal Engineering, 2015, 1(7), c. 636-646</p> <p>9. Diagnostics of coronary stenosis: Analysis of arterial blood pressure and mathematical modeling // Communications in Computer and Information Science, 2015, 511, c. 299-312</p> <p>10. Biomimetic composites reinforced by branched nanofibers // Springer Proceedings in Physics, 2015, 167, c. 7-23</p> <p>11. Diagnostics of coronary stenoses: Analysis of arterial blood pressure signals and mathematical modeling // BIOSIGNALS 2014 - 7th Int. Conference on Bio-Inspired Systems and Signal Processing, Proceedings; Part of 7th Int. Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2014, c. 76-83</p> <p>12. Quasi-regular and chaotic dynamics of postural sway in human // Springer Proceedings in Mathematics and Statistics, 2014, 93, c. 103-114</p> <p>13. Mathematical models of biofluid flows in compliant ducts // Archives of Mechanics, 2012, 64(1), c. 65-94</p> <p>14. Mathematical modeling of transport-growth processes in multiphase biological continua // Fluid Dynamics, 2012, 47(1), c. 1-9</p>		biological continua // Fluid Dynamics, 2012, 47(1), c. 1-9
Математики і інформатики	Кафедра вищої математики і інформатики	Загороднюк Сергій Михайлович	14	<p>1. Difference equations related to Jacobi-type pencils // Journal of Difference Equations and Applications, 2018, 24(10), c. 1664-1684</p> <p>2. On the truncated two-dimensional moment problem // Advances in Operator Theory, 2018, 3(2), c. 388-399</p> <p>3. The inverse spectral problem for jacobi-type pencils // Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2017, 13, 085, (16 pages)</p> <p>4. Unitary extensions of Pairs of commuting isometric operators and their generalized resolvents // New York Journal of Mathematics, 2017, 23, c. 555-582</p> <p>5. Orthogonal polynomials associated with some Jacobi-type pencils // Ukrainian Mathematical Journal, 2017, 68(9), c. 1353-1365</p> <p>6. On extensions of J-skew-symmetric and J-isometric operators // Operators and Matrices, 2015, 9(4), c. 847-851</p> <p>7. Truncated moment problems for J-self-adjoint, J-skew-self-adjoint and J-unitary operators // Annals of Functional Analysis, 2015, 6(2), c. 91-103</p> <p>8. Invertible extensions of symmetric operators and the corresponding generalized resolvents // International Journal of Mathematical Analysis, 2014, 8(53-56), c. 2639-2649</p> <p>9. On the density of polynomials in some spaces $L^2(M)$ // Mathematical Notes, 2014, 95(1-2), c. 53-66</p> <p>10. An algorithm for the truncated matrix hausdorff moment problem // Communications in Mathematical Analysis, 2014, 17(2), c. 108-130</p> <p>11. Nevanlinna formula for the truncated matrix trigonometric moment</p>	14	<p>1. Difference equations related to Jacobi-type pencils // Journal of Difference Equations and Applications, 2018, 24(10), c. 1664-1684</p> <p>2. On the truncated two-dimensional moment problem // Advances in Operator Theory, 2018, 3(2), c. 388-399</p> <p>3. The inverse spectral problem for jacobi-type pencils // Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2017, 13, 085, (16 pages)</p> <p>4. Unitary extensions of Pairs of commuting isometric operators and their generalized resolvents // New York Journal of Mathematics, 2017, 23, c. 555-582</p> <p>5. Orthogonal polynomials associated with some Jacobi-type pencils // Ukrainian Mathematical Journal, 2017, 68(9), c. 1353-1365</p> <p>6. On extensions of J-skew-symmetric and J-isometric operators // Operators and Matrices, 2015, 9(4), c. 847-851</p> <p>7. Truncated moment problems for J-self-adjoint, J-skew-self-adjoint and J-unitary operators // Annals of Functional Analysis, 2015, 6(2), c. 91-103</p> <p>8. The truncated matrix trigonometric moment problem with an open gap // Concrete Operators, 2015, 2(1), c. 17-26</p> <p>9. On the truncated operator trigonometric moment problem // Concrete Operators, 2015, 2(1), c. 37-46</p> <p>10. On the density of polynomials in some spaces $L^2(M)$ // Mathematical Notes, 2014, 95(1-2), c. 53-66</p> <p>11. Nevanlinna formula for the truncated matrix trigonometric moment problem // Ukrainian Mathematical Journal, 2013, 64(8), c. 1199-1214</p> <p>12. Generalized resolvents of symmetric and isometric operators: The shtraus</p>

				<p>problem // Ukrainian Mathematical Journal, 2013, 64(8), c. 1199-1214</p> <p>12. Generalized resolvents of symmetric and isometric operators: The Shtraus approach // Annals of Functional Analysis, 2013, 4(1), c. 175-285</p> <p>13. Devinatz's moment problem: A description of all solutions // Journal of Operator Theory, 2012, 68(2), c. 515-541</p> <p>14. The matrix Stieltjes moment problem: A description of all solutions // New York Journal of Mathematics, 2012, 18, c. 479-497</p>		<p>approach // Annals of Functional Analysis, 2013, 4(1), c. 175-285</p> <p>13. Devinatz's moment problem: A description of all solutions // Journal of Operator Theory, 2012, 68(2), c. 515-541</p> <p>14. The matrix Stieltjes moment problem: A description of all solutions // New York Journal of Mathematics, 2012, 18, c. 479-497</p>
Математики і інформатики	Кафедра прикладної математики	Коробов Валерій Іванович	12	<p>1. On the Robust Stabilization of One Class of Nonlinear Discrete Systems // Journal of Mathematical Sciences, 2017, 220(4), c. 483-497</p> <p>2. On robust feedback for systems with multidimensional control // Journal of Mathematical Physics, Analysis, Geometry, 2017 13(1), c. 35-56</p> <p>3. Stabilization of one class of nonlinear systems // Automation and Remote Control, 2017, 78(1), c. 1-15</p> <p>4. Robust Feedback Synthesis for the Canonical System // Ukrainian Mathematical Journal, 2016, 68(3), c. 380-398</p> <p>5. Stepwise synthesis of constrained controls for single input nonlinear systems of special form // Nonlinear Differential Equations and Applications, 2016, 23(3),31</p> <p>6. Almost power sum systems // Mathematics of Computation, 2016, 85(298), c. 717-736</p> <p>7. On stabilization problem for nonlinear systems with power principal part // Journal of Mathematical Physics, Analysis, Geometry, 2016, 12(2), c. 113-133</p> <p>8. Construction of a Set of Restricted Inertial Controls for $C^{(1)}$-Smooth Affine Systems with Multidimensional Control // Journal of Dynamical and Control Systems, 2015, 21(4), c. 513-538</p> <p>9. Construction of restricted controls for a non-equilibrium point in global sense // Vietnam Journal of Mathematics, 2015, 43(2), c. 459-469</p> <p>10. Robust feedback synthesis problem for systems with a single perturbation // Communications in Mathematical Analysis, 2014, 17(2), c. 217-230</p> <p>11. Robust stabilization of one class of nonlinear systems // Automation and Remote Control, 2014, 75(8), c. 1433-1444</p> <p>12. Global positional synthesis and stabilization in finite time of MIMO generalized triangular systems by means of the controllability function method // Journal of Mathematical Sciences, 2013, 189(5), c. 795-80</p>	9	<p>1. On robust feedback for systems with multidimensional control // Journal of Mathematical Physics, Analysis, Geometry, 2017 13(1), c. 35-56</p> <p>2. Stabilization of one class of nonlinear systems // Automation and Remote Control, 2017, 78(1), c. 1-15</p> <p>3. Robust Feedback Synthesis for the Canonical System // Ukrainian Mathematical Journal, 2016, 68(3), c. 380-398</p> <p>4. Stepwise synthesis of constrained controls for single input nonlinear systems of special form // Nonlinear Differential Equations and Applications, 2016, 23(3),31</p> <p>5. Almost power sum systems // Mathematics of Computation, 2016, 85(298), c. 717-736</p> <p>6. On stabilization problem for nonlinear systems with power principal part // Journal of Mathematical Physics, Analysis, Geometry, 2016, 12(2), c. 113-133</p> <p>7. Construction of a Set of Restricted Inertial Controls for $C^{(1)}$-Smooth Affine Systems with Multidimensional Control // Journal of Dynamical and Control Systems, 2015, 21(4), c. 513-538</p> <p>8. Construction of restricted controls for a non-equilibrium point in global sense // Vietnam Journal of Mathematics, 2015, 43(2), c. 459-469</p> <p>9. Robust stabilization of one class of nonlinear systems // Automation and Remote Control, 2014, 75(8), c. 1433-1444</p>
Математики і інформатики	Кафедра фундаментальної математики	Гефтер Сергій Леонідович	11	<p>1. Application of the p-Adic Topology on \mathbb{Z} to the Problem of Finding Solutions in Integers of an Implicit Linear Difference Equation // Journal of Mathematical Sciences, 2018, 235(3), c. 256-261</p> <p>2. Linear Operator-Differential Equation with Generalized Quasipolynomial on the Right-Hand Side // Journal of Mathematical Sciences, 2018, 231(3), c. 338-346</p> <p>3. The Hurwitz Product, p-Adic Topology on \mathbb{Z}, and Fundamental Solution to Linear Differential Equation in the Ring $\mathbb{Z}[[x]]$ // Journal of Mathematical Sciences, 2018, 228(6), c. 633-638</p> <p>4. Generalized backward shift operators on the ring $\mathbb{Z}[[x]]$, Cramer's rule for infinite linear systems, and p-adic integers // Operator Theory: Advances and Applications, 2018, 268, c. 247-259</p> <p>5. Operator Bruwier Series and Initial Problem for a Linear Differential-Difference Equation in a Banach Space // Journal of Mathematical Sciences, 2017,</p>		

				<p>226(4), c. 335-343</p> <p>6. Fundamental Solution of an Implicit Linear Inhomogeneous First Order Differential Equation Over an Arbitrary Ring // Journal of Mathematical Sciences, 2016, 219(6), c. 922-935</p> <p>7. Fundamental solution of the simplest implicit linear differential equation in a vector space // Journal of Mathematical Sciences, 2015, 207(2), c. 166-175</p> <p>8. On some vector differential operators of infinite order // Operator Theory: Advances and Applications, 2014, 236, c. 193-203</p> <p>9. On Entire Solutions of Exponential Type for Some Implicit Linear Differential-Difference Equation in a Banach Space // Journal of Mathematical Sciences, 2014, 202(4), c. 541-545</p> <p>10. Vector differential–difference operators of infinite order in spaces of entire functions of exponential type // Journal of Mathematical Sciences, 2014, 196(4), c. 515-523</p> <p>11. On solutions of zero exponential type for some inhomogeneous differential-difference equations in a Banach space // Springer Proceedings in Mathematics and Statistics, 2013, 54, c. 253-263</p>		
Математики і інформатики	Кафедра прикладної математики	Несвіт Катерина Віталіївна	9	<p>1. Discrete Mathematical Model of the Problem of Diffraction for E -Polarized Waves on Slots in the Impedance Plane // Journal of Mathematical Sciences, 2016, 212(2), c. 142-155</p> <p>2. Importance of diameter-to-length ratio in selecting dental implants: A methodological finite element study // Computer Methods in Biomechanics and Biomedical Engineering, 2014, 17(4), c. 443-449</p> <p>3. Mathematical and computational modeling of the diffraction problems by discrete singularities method // AIP Conference Proceedings, 2014, 1629, c. 102-109</p> <p>4. Scattering and propagation of the TE/TM waves on pre-fractal impedance grating in numerical results // 8th European Conference on Antennas and Propagation, EuCAP 2014, 6902400, c. 2773-2777</p> <p>5. Discrete mathematical model of wave diffraction on pre-fractal impedance strips. TM mode case // AIP Conference Proceedings, 2013, 1561, c. 219-223</p> <p>6. Scattering and diffraction of TM modes on a grating consisting of a finite number of pre-fractal thin impedance strips // European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, 06686864, c. 1143-1146</p> <p>7. Discrete mathematical model of diffraction on pre-cantor set of slits in impedance plane and numerical experiment // International Journal of Mathematical Models and Methods in Applied Sciences, 2013, 7(11), c. 897-906</p> <p>8. The diffraction problem of e polarized wave on the pre-cantor periodic grating with reflector and its discrete mathematical model // 7th European Conference on Antennas and Propagation, EuCAP 2013, 6546448, c. 1072-1078</p> <p>9. Hypersingular integral equation of wave diffraction problem on pre-Cantor grating and its discrete mathematical models // Proceedings of the International Conference Days on Diffraction, DD 2012, 6402775, c. 183-187</p>	6	<p>1. Mathematical and computational modeling of the diffraction problems by discrete singularities method // AIP Conference Proceedings, 2014, 1629, c. 102-109</p> <p>2. Scattering and propagation of the TE/TM waves on pre-fractal impedance grating in numerical results // 8th European Conference on Antennas and Propagation, EuCAP 2014, 6902400, c. 2773-2777</p> <p>3. Discrete mathematical model of wave diffraction on pre-fractal impedance strips. TM mode case // AIP Conference Proceedings, 2013, 1561, c. 219-223</p> <p>4. Scattering and diffraction of TM modes on a grating consisting of a finite number of pre-fractal thin impedance strips // European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, 06686864, c. 1143-1146</p> <p>5. The diffraction problem of e polarized wave on the pre-cantor periodic grating with reflector and its discrete mathematical model // 7th European Conference on Antennas and Propagation, EuCAP 2013, 6546448, c. 1072-1078</p> <p>6. Hypersingular integral equation of wave diffraction problem on pre-Cantor grating and its discrete mathematical models // Proceedings of the International Conference Days on Diffraction, DD 2012, 6402775, c. 183-187</p>
Математики і інформатики	Кафедра фундаментальної математики	Резуненко Олександр В'ячеславович	9	<p>1. Viral infection model with diffusion and state-dependent delay: Stability of classical solution // Discrete and Continuous Dynamical Systems - Series B, 2018, 23(3), c. 1091-1105</p> <p>2. Stability of a viral infection model with state-dependent delay, CTL and</p>	10	<p>1. Viral infection model with diffusion and state-dependent delay: Stability of classical solution // Discrete and Continuous Dynamical Systems - Series B, 2018, 23(3), c. 1091-1105</p> <p>2. Viral infection model with diffusion and state-dependent delay: Stability</p>

				<p>antibody immune responses // Discrete and Continuous Dynamical Systems - Series B, 2017, 22(4), c. 1547-1563</p> <p>3. Parabolic partial differential equations with discrete state-dependent delay: Classical solutions and solution manifold // Journal of Differential Equations, 2016, 260(5), c. 4454-4472</p> <p>4. Continuous solutions to a viral infection model with general incidence rate, discrete state-dependent delay, CTL and antibody immune responses // Electronic Journal of Qualitative Theory of Differential Equations, 2016, 79</p> <p>5. Dynamics of second order in time evolution equations with state-dependent delay // Nonlinear Analysis, Theory, Methods and Applications, 2015, 123-124, c. 126-149</p> <p>6. Finite-dimensional global attractors for parabolic nonlinear equations with state-dependent delay // Communications on Pure and Applied Analysis, 2015, 14(5), c. 1685-1704</p> <p>7. On time transformations for differential equations with state-dependent delay // Central European Journal of Mathematics, 2014, 12(2), c. 298-307</p> <p>8. With discrete state-dependent delays: well-posedness in a metric space // Discrete and Continuous Dynamical Systems- Series A, 2013, 33(2), c. 819-835</p> <p>9. A condition on delay for differential equations with discrete state-dependent delay // Journal of Mathematical Analysis and Applications, 2012, 385(1), c. 506-516</p>		<p>of classical solution // Proceedings of Equadiff 2017 Conference</p> <p>3. Stability of a viral infection model with state-dependent delay, CTL and antibody immune responses // Discrete and Continuous Dynamical Systems - Series B, 2017, 22(4), c. 1547-1563</p> <p>4. Parabolic partial differential equations with discrete state-dependent delay: Classical solutions and solution manifold // Journal of Differential Equations, 2016, 260(5), c. 4454-4472</p> <p>5. Continuous solutions to a viral infection model with general incidence rate, discrete state-dependent delay, CTL and antibody immune responses // Electronic Journal of Qualitative Theory of Differential Equations, 2016, 79</p> <p>6. Dynamics of second order in time evolution equations with state-dependent delay // Nonlinear Analysis, Theory, Methods and Applications, 2015, 123-124, c. 126-149</p> <p>7. Finite-dimensional global attractors for parabolic nonlinear equations with state-dependent delay // Communications on Pure and Applied Analysis, 2015, 14(5), c. 1685-1704</p> <p>8. On time transformations for differential equations with state-dependent delay // Central European Journal of Mathematics, 2014, 12(2), c. 298-307</p> <p>9. With discrete state-dependent delays: well-posedness in a metric space // Discrete and Continuous Dynamical Systems- Series A, 2013, 33(2), c. 819-835</p> <p>10. A condition on delay for differential equations with discrete state-dependent delay // Journal of Mathematical Analysis and Applications, 2012, 385(1), c. 506-516</p>
Математики і інформатики	Кафедра фундаментальної математики	Фаворов Сергій Юрійович	7	<p>1. Fourier quasicrystals and Lagarias' conjecture // Proceedings of the American Mathematical Society, 2016, 144(8), c. 3527-3536</p> <p>2. Various definitions of spectrum of almost periodic functions // Ufa Mathematical Journal, 2015, 7(4), c. 58-70</p> <p>3. Blaschke-type conditions on unbounded domains, generalized convexity, and applications in perturbation theory // Revista Matematica Iberoamericana, 2015, 31(1), c. 1-32</p> <p>4. On analytic and subharmonic functions in unit disc growing near a part of the boundary // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(3), c. 304-315</p> <p>5. Discrete unbounded sets in a finite dimensional space and beyond // Electronic Notes in Discrete Mathematics, 2013, 43, c. 389-395</p> <p>6. Bohr and besicovitch almost periodic discrete sets and quasicrystals // Proceedings of the American Mathematical Society, 2012, 140(5), c. 1761-1767</p> <p>7. Blaschke-type conditions for analytic and subharmonic functions in the unit disk: Local analogs and inverse problems // Computational Methods and Function Theory, 2012, 12(1), c. 151-166</p>	6	<p>1. Fourier quasicrystals and Lagarias' conjecture // Proceedings of the American Mathematical Society, 2016, 144(8), c. 3527-3536</p> <p>2. Various definitions of spectrum of almost periodic functions // Ufa Mathematical Journal, 2015, 7(4), c. 58-70</p> <p>3. Blaschke-type conditions on unbounded domains, generalized convexity, and applications in perturbation theory // Revista Matematica Iberoamericana, 2015, 31(1), c. 1-32</p> <p>4. On analytic and subharmonic functions in unit disc growing near a part of the boundary // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(3), c. 304-315</p> <p>5. Bohr and besicovitch almost periodic discrete sets and quasicrystals // Proceedings of the American Mathematical Society, 2012, 140(5), c. 1761-1767</p> <p>6. Blaschke-type conditions for analytic and subharmonic functions in the unit disk: Local analogs and inverse problems // Computational Methods and Function Theory, 2012, 12(1), c. 151-166</p>
Математики і інформатики	Кафедра фундаментальної математики	Вишнякова Ганна Марківна	6	<p>1. Linear finite difference operators preserving the Laguerre-Pólya class // Complex Variables and Elliptic Equations, 2018, 63(11), c. 1604-1619</p> <p>2. On the entire functions from the Laguerre-Pólya class having the decreasing second quotients of Taylor coefficients // Journal of Mathematical Analysis and Applications, 2018, 465(1), c. 348-358</p> <p>3. On sufficient conditions for a polynomial to be sign-independently hyperbolic or to have real separated zeros // Mathematical Inequalities and Applications, 2017, 20(1), c. 237-245</p>	6	<p>1. Linear finite difference operators preserving the Laguerre-Pólya class // Complex Variables and Elliptic Equations, 2018, 63(11), c. 1604-1619</p> <p>2. On the entire functions from the Laguerre-Pólya class having the decreasing second quotients of Taylor coefficients // Journal of Mathematical Analysis and Applications, 2018, 465(1), c. 348-358</p> <p>3. On sufficient conditions for a polynomial to be sign-independently hyperbolic or to have real separated zeros // Mathematical Inequalities and Applications, 2017, 20(1), c. 237-245</p>

				<p>4. On the conditions for entire functions related to the partial theta function to belong to the Laguerre-Pólya class // Journal of Mathematical Analysis and Applications, 2016, 434(2), c. 1740-1752</p> <p>5. The cone of nonnegative polynomials with nonnegative coefficients and linear operators preserving this cone // Central European Journal of Mathematics, 2014, 12(5), c. 752-760</p> <p>6. The generalized Laguerre inequalities and functions in the Laguerre-Pólya class // Central European Journal of Mathematics, 2013, 11(9), c. 1643-1650</p>		<p>4. On the conditions for entire functions related to the partial theta function to belong to the Laguerre-Pólya class // Journal of Mathematical Analysis and Applications, 2016, 434(2), c. 1740-1752</p> <p>5. The cone of nonnegative polynomials with nonnegative coefficients and linear operators preserving this cone // Central European Journal of Mathematics, 2014, 12(5), c. 752-760</p> <p>6. The generalized Laguerre inequalities and functions in the Laguerre-Pólya class // Central European Journal of Mathematics, 2013, 11(9), c. 1643-1650</p>
Математики і інформатики	Кафедра прикладної математики	Ігнатович Світлана Юріївна	6	<p>1. Linearizability of Multi-Control Systems of the Class C^1 by Additive Change of Controls // Operator Theory: Advances and Applications, 2018, 267, c. 359-370</p> <p>2. Verification of feedback linearizability conditions for control systems of the class C^1 // 2017 25th Mediterranean Conference on Control and Automation, MED 2017 7984112, c. 163-168</p> <p>3. Linearizability of systems of the class C^1 with multi-dimensional control // Systems and Control Letters, 2016, 94, c. 92-96</p> <p>4. Time-Optimal Control Problem for a Special Class of Control Systems: Optimal Controls and Approximation in the Sense of Time Optimality // Journal of Optimization Theory and Applications, 2015, 165(1), c. 62-77</p> <p>5. Free algebras and noncommutative power series in the analysis of nonlinear control systems: An application to approximation problems // Dissertationes Mathematicae, 2014, 504</p> <p>6. Conditions of linearizability for multi-control systems of the class C^1 // Communications in Mathematical Analysis, 2014, 17(2), c. 359-365</p>		
Математики і інформатики	Кафедра вищої математики і інформатики	Кудінцева Ірина Георгіївна	6	<p>1. Modifications of Middle Atmosphere Conductivity During Sudden Ionospheric Disturbances Deduced From Changes of Schumann Resonance Peak Frequencies // Radio Science, 2018, 53(5), c. 670-682</p> <p>2. Modifications of mesospheric conductivity in sudden ionosphere disturbances and changes of the schumann resonance frequencies // Telecommunications and Radio Engineering, 2018, 77(8), c. 727-746</p> <p>3. Schumann resonance background signal synthesized in time // Telecommunications and Radio Engineering, 2017, 76(9), c. 807-825</p> <p>4. AC and DC global electric circuit and the height profile of atmospheric conductivity 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538030</p> <p>5. AC and DC global electric circuit properties and the height profile of atmospheric conductivity // Annals of Geophysics, 2016, 59(5), A0545</p> <p>6. The effect of a gamma ray flare on Schumann resonances // Annales Geophysicae, 2012, 30(9), c. 1321-1329</p>		
Математики і інформатики	Кафедра фундаментальної математики	Гордевський В'ячеслав Дмитрович	5	<p>1. The interaction of the Maxwell flows of general form for the Bryan-Pidduck model // Journal of Mathematical Physics, Analysis, Geometry, 2018, 14(1), c. 54-66</p> <p>2. Infinite-modal approximate solutions of the Bryan-Pidduck equation // Matematychni Studii, 2018, 49(1), c. 95-108</p> <p>3. Approximate Solutions of the Boltzmann Equation with Infinitely Many Modes // Ukrainian Mathematical Journal, 2017, 69(3), c. 361-375</p> <p>4. Interaction of locally Maxwellian flows in the model of rough spheres //</p>		

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Математики і інформатики	Кафедра теоретичної та прикладної інформатики	Зарецька Ірина Тимофіївна	5	1. Cross-diagram UML design verification // Communications in Computer and Information Science, 2013, 347 CCIS, c. 165-176 2. Clocks model for specification and analysis of timing in real-time embedded systems // CEUR Workshop Proceedings, 2013, 1000, c. 475-489 3. Two Semantic Models for Clock Relations in the Clock Constraint Specification Language // Communications in Computer and Information Science, 2013, 412 CCIS, c. 190-209 4. Maintainability metrics of UML design // CEUR Workshop Proceedings, 2012, 848, c. 96-101 5. Checking inconsistencies in UML design // CEUR Workshop Proceedings, 2012, 848, c. 33-43		
Математики і інформатики	Кафедра фундаментальної математики	Каролінський Євген Олександрович	5	1. Classification of quantum groups and Belavin-Drinfeld cohomologies for orthogonal and symplectic Lie algebras // Journal of Mathematical Physics, 2016, 57(5), 051707 2. Classification of Quantum Groups and Belavin-Drinfeld Cohomologies // Communications in Mathematical Physics, 2016, 344(1) 3. Quantum Groups: From the Kulish-Reshetikhin Discovery to Classification // Journal of Mathematical Sciences, 2016, 213(5), c. 743-749 4. Equivariant quantization of Poisson homogeneous spaces and Kostant's problem // Journal of Algebra, 2014, 409, c. 362-381 5. Quantized reduced fusion elements and Kostant's problem // Springer Proceedings in Mathematics and Statistics, 2014, 85, c. 27-36		
Математики і інформатики	Кафедра фундаментальної математики	Фастовська Тамара Борисівна	5	1. Long-time behaviour of a radially symmetric fluid-shell interaction system // Discrete and Continuous Dynamical Systems- Series A, 2018, 38(3), c. 1315-1348 2. On interaction of circular cylindrical shells with a poiseuille type flow // Evolution Equations and Control Theory, 2016, 5(4), c. 605-629 3. Global attractor for thermoelasticity in shape memory alloys without viscosity // Mathematical Methods in the Applied Sciences, 2016, 39(13), c. 3669-3690 4. Decay rates for Kirchhoff-timoshenko transmission problems // Communications on Pure and Applied Analysis, 2013, 12(6), c. 2645-2667 5. On the long-time behavior of the thermoelastic plates with second sound // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(2), c. 191-206	5	1. Long-time behaviour of a radially symmetric fluid-shell interaction system // Discrete and Continuous Dynamical Systems- Series A, 2018, 38(3), c. 1315-1348 2. On interaction of circular cylindrical shells with a poiseuille type flow // Evolution Equations and Control Theory, 2016, 5(4), c. 605-629 3. Global attractor for thermoelasticity in shape memory alloys without viscosity // Mathematical Methods in the Applied Sciences, 2016, 39(13), c. 3669-3690 4. Decay rates for Kirchhoff-timoshenko transmission problems // Communications on Pure and Applied Analysis, 2013, 12(6), c. 2645-2667 5. On the long-time behavior of the thermoelastic plates with second sound // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(2), c. 191-206
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НДІ астрономії	Ахметов Володимир Сабірджанович	8	<p>1. Machine-learning identification of extragalactic objects in the optical-infrared all-sky surveys Khramtsov, V., Akhmetov, V. 2018 IEEE 13th International Scientific and Technical Conference on Computer Sciences and Information Technologies, CSIT 2018 – Proceedings 1,8526686, c. 72-75</p>	9	<p>1. Astrominor information resource of the Ukrainian virtual observatory: Joint observational data archive, scientific tasks, and software By: Vavilova, I. B.; Pakulyak, L. K.; Shlyapnikov, A. A.; et al. KINEMATICS AND PHYSICS OF CELESTIAL BODIES Volume: 28 Issue: 2 Pages: 85-102 Published: APR</p>	

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YORP and Yarkovsky effects in asteroids (1685) Toro, (2100) Ra-Shalom, (3103) Eger, and (161989) CacusBy: Durech, J.; Vokrouhlicky, D.; Pravec, P.; et al.</p> <p>5. ASTRONOMY & ASTROPHYSICS Volume: 609 Article Number: A86 Published: JAN 18 2018</p> <p>6. Physical models for the normal YORP and diurnal Yarkovsky effects (vol 458, pg 3977, 2016)By: Golubov, O.; Kravets, Y.; Krugly, Yu. N.; et al.MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 473 Issue: 2 Pages: 1784-1784 Published: JAN 2018</p> <p>7. Detailed Analysis of the Asteroid Pair (6070) Rheinland and (54827) 2001 NQ8By: Vokrouhlicky, David; Pravec, Petr; Durech, Josef; et al.ASTRONOMICAL JOURNAL Volume: 153 Issue: 6 Article Number: 270 Published: JUN 2017</p> <p>8. Multicolour modelling of SN 2013dx associated with GRB 130702ABY: Volnova, A. A.; Pruzhinskaya, M. V.; Pozanenko, A. S.; et al.MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY Volume: 467 Issue: 3 Pages: 3500-3512 Published: JUN 2017</p> <p>9. 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Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Рассомахін Сергій Геннадійович	6	<p>1. Mathematical Model for the Probabilistic Minutia Distribution in Biometric Fingerprint Images Rassomakhin, S., Kuznetsov, A., Shlokin, V., Belozertsev, I., Serhienko, R. Proceedings of the 2018 IEEE 2nd International Conference on Data Stream Mining and Processing, DSMP 2018 8478496, c. 514-518</p> <p>2. The method of pseudorandom codes decoding on the basis of the modified method of branches and boundaries Lavrovska, T., Rassomakhin, S. 2017 4th International Scientific-Practical Conference Problems of Infocommunications</p>		

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Comparative Analysis of Candidates for a Post-Quantum CPU Based on MQ Cryptographic Transformation Gorbenko, Ivan; Kudryashov, Ivan; Malieieva, Hanna International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018Стр.: 442-446 5. Methods for Implementing Communications in Info-Communication Systems Based on Signal Structures with Specified Properties Gorbenko, Ivan; Zamula, Alexandr; Morozov, Vladislav 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017Стр.: 101-104 6. Construction Method and Features of One Class of Cryptographic Discrete Signals Gorbenko, Ivan; Nariiezhnii, Oleksii; Kudryashov, Ivan 4th International Scientific-Practical Conference Problems of Infocommunications. Science and Technology (PIC S&T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017Стр.: 156-160
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Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Родінко Марія Юрївна	6	<p>1. Rodinko, M., Oliynykov, R., Eliseev, R. Search for one-round differential characteristics of lightweight block cipher Cypress-256, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, c. 312-315.</p> <p>1. Kovalchuk, L., Kaidalov, D., Nastenko, A., (...), Rodinko, M., Oliynykov, R. Number of confirmation blocks for Bitcoin and GHOST consensus protocols on networks with delayed message delivery, 2018 CRYBLOCK 2018 - Proceedings of the 1st Workshop on Cryptocurrencies and Blockchains for Distributed Systems, Part of mobsys 2018, c. 42-47.</p> <p>2. Rodinko, M., Oliynykov, R. Open problems of proving security of ARX-based ciphers to differential cryptanalysis, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, c. 228-231.</p> <p>3. Kovalchuk, L., Kaidalov, D., Shevtsov, O., (...), Rodinko, M., Oliynykov, R. Analysis of splitting attacks on Bitcoin and GHOST consensus protocols, 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017, 2,8095233, c. 978-982.</p> <p>4. Rodinko, M., Oliynykov, R., Gorbenko, Y. Optimization of the High Nonlinear S-Boxes Generation Method, 2017 Tatra Mountains Mathematical Publications 70(1), c. 93-105.</p> <p>5. Rodinko, M., Oliynykov, R., Gorbenko, Y. Improvement of the high nonlinear S-boxes generation method, 2017 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 – Proceedings 7905336, c. 63-66.</p>		
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Олійников Роман Васильович	9	<p>1. Rodinko, M., Oliynykov, R., Eliseev, R. Search for one-round differential characteristics of lightweight block cipher Cypress-256, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, c. 312-315.</p> <p>2. Kovalchuk, L., Kaidalov, D., Nastenko, A., (...), Rodinko, M., Oliynykov, R. Number of confirmation blocks for Bitcoin and GHOST consensus protocols on networks with delayed message delivery, 2018 CRYBLOCK 2018 - Proceedings of the 1st Workshop on Cryptocurrencies and</p>	7	<p>1. Influence of addition modulo 2(n) on algebraic attacks Kazymyrov, Oleksandr; Oliynykov, Roman; Raddum, Havard International Workshop on Boolean Functions and their Applications (BFA). Rosendal, NORWAY публ.: SEP, 2014 Том: 8 Выпуск: 2 Специальный выпуск: SI Стр.: 277-289</p> <p>2. Ouroboros: A Provably Secure Proof-of-Stake Blockchain Protocol Kiayias, Aggelos; Russell, Alexander; David, Bernardo; Roman Oliynykov. 37th Annual International Cryptology Conference (Crypto). Univ Calif, Santa Barbara,</p>

				<p>Blockchains for Distributed Systems, Part of mobisys 2018, с. 42-47.</p> <p>3. Rodinko, M., Oliynykov, R. Open problems of proving security of ARX-based ciphers to differential cryptanalysis, 2018 2017 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2017 – Proceedings 2018-January, с. 228-231.</p> <p>4. Kovalchuk, L., Kaidalov, D., Shevtsov, O., (...), Rodinko, M., Oliynykov, R. Analysis of splitting attacks on Bitcoin and GHOST consensus protocols, 2017 Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017, 2,8095233, с. 978-982.</p> <p>5. Rodinko, M., Oliynykov, R., Gorbenko, Y. Optimization of the High Nonlinear S-Boxes Generation Method, 2017 Tatra Mountains Mathematical Publications 70(1), с. 93-105.</p> <p>6. Rodinko, M., Oliynykov, R., Gorbenko, Y. Improvement of the high nonlinear S-boxes generation method, 2017 2016 3rd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2016 – Proceedings 7905336, с. 63-66.</p> <p>7. Kiayias, A., Russell, A., David, B., Oliynykov, R. Ouroboros: A provably secure proof-of-stake blockchain protocol, 2017 Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 10401 LNCS, с. 357-388.</p> <p>8. Kazymyrov, O., Oliynykov, R., Raddum, H. Influence of addition modulo 2ⁿ on algebraic attacks, 2016 Cryptography and Communications 8(2), с. 277-289.</p> <p>9. Kaidalov, D., Oliynykov, R., Kazymyrov, O. A method for security estimation of the SPN-based block cipher against related-key attacks, 2014 Tatra Mountains Mathematical Publications 60(1), с. 25-45.</p>	<p>CA публ.: AUG 20-24, 2017 Серия книг: Lecture Notes in Computer Science Том: 10401 Стр.: 357-388</p> <p>3. Improvement of the High Nonlinear S-Boxes Generation Method Rodinko, Mariia; Oliynykov, Roman; Gorbenko, Yurii 3rd International Scientific-Practical Conference on Problems of Infocommunications Science and Technology (PIC S&T). Kharkiv, UKRAINE публ.: OCT 04-06, 2016 Стр.: 63-66</p> <p>4. Open Problems of Proving Security of ARX-based Ciphers to Differential Cryptanalysis Rodinko, Mariia; Oliynykov, Roman 4th International Scientific-Practical Conference Problems of Infocommunications Science and Technology (PIC S&T). Kharkiv, UKRAINE публ.: OCT 10-13, 2017 Стр.: 228-231</p> <p>5. Comparison of Modern Network Attacks on TLS Protocol Ivanov, Oleksandr; Ruzhentsev, Victor; Oliynykov, Roman International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018 Стр.: 565-570</p> <p>6. An Approach to Search for Multi-Round Differential Characteristics of Cypress-256 Rodinko, Mariia; Oliynykov, Roman International Scientific-Practical Conference - Problems of Infocommunications Science and Technology (PIC S&T). Kharkiv, UKRAINE публ.: OCT 09-12, 2018 Стр.: 659-662</p> <p>7. Analysis of Splitting Attacks on Bitcoin and GHOST Consensus Protocols Kovalchuk, Lyudmila; Kaidalov, Dmytro; Shevtsov, Oleksiy; c соавторами. 9th IEEE International Conference on Intelligent Data Acquisition and Advanced Computing Systems - Technology and Applications (IDAACS). Bucharest, ROMANIA публ.: SEP 21-23, 2017 Стр.: 978-982</p>
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Замула Олександр Андрійович	6	<p>1. I. D. Gorbenko, A. A. Zamula, A. E. Semenko, V. L. Morozov Method for synthesis of performed signals systems based on cryptographic discrete sequences of symbols // Telecommunications and Radio Engineering Volume 76, 2017 Issue 17, pages 1523-1533. DOI: 10.1615/telecomradeng.v76.i17.40</p> <p>2. I. D. Gorbenko, A. A. Zamula, A. E. Semenko, V. L. Morozov Method for complex improvement of characteristics of orthogonal ensembles based on multiplicative combining of signals of different classes// Telecommunications and Radio Engineering Volume 76, 2017 Issue 18, pages 1581-1594 . DOI: 10.1615/telecomradeng.v76.i18.10.</p> <p>3. I. D. Gorbenko, A. A. Zamula, V. L. Morozov Information security and noise immunity of telecommunication systems under conditions of various internal and external impacts // Telecommunications and Radio Engineering Volume 76, 2017 Issue 19, pages 1705-1717 DOI: 10.1615/telecomradeng.v76.i19.30/</p> <p>4. I. D. Gorbenko, A. A. Zamula Cryptographic signals: requirements, methods of synthesis, properties, application in telecommunication systems // Telecommunications and Radio Engineering Volume 76, 2017. Issue 12, pages 1079-1100. DOI: 10.1615/telecomradeng.v76.i12.50.</p> <p>5. Gorbenko I.D., Zamula A.A., Semenko Ye.A. Ensemble and correlation properties of cryptographic signals for telecommunication system and network applications // Telecommunications and Radio Engineering. - Volume 75, 2016 Issue 2. Pages 169-178. DOI: 10.1615/telecomradeng.v75.i2.60</p> <p>6. Methods for implementing communications in info-communication</p>	

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Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кошман Сергій Олександрович	5	<ol style="list-style-type: none"> 1. A method for increasing the reliability of verification of data represented in a residue number system. Cybernetics and systems analysis,2014, vol. 50, issue 6. P. 969-976 2. A method for arithmetic comparison of data represented in a residue number system. Cybernetics and systems analysis,2016, vol. 52, issue 1. P. 145-150 3. Algorithms of data processing in the residual classes system.2017 4th international scientific-practical conference problems of infocommunications science and technology, pic s and t 2017 – proceedings.,2017, p. 117-121 4. A method for operational diagnosis of data represented in a residue number system. Cybernetics and systems analysis,2018, vol. 54, issue 2. P. 336-344 5. Improved method of determining the alternative set of numbers in residue number system. Advances in intelligent systems and computing. ,2018, p. 319-328 		
Комп'ютерних наук	Кафедра моделювання систем і технологій	Гамзаєв Рустам Олександрович	6	<ol style="list-style-type: none"> 1. Towards requirements variability in agile software product line development(2018) CEUR Workshop Proceedings, 2122, pp. 87-95. 2. Architecting for adaptive resource management in mobile augmented reality systems: Models, metrics and prototype software solutions(2017) Communications in Computer and Information Science, 783, pp. 17-35. 3. A model-based framework for adaptive resource management in mobile augmented reality system(2016) CEUR Workshop Proceedings, 1614, pp. 41-56. 4. Models, methods and tools for effectiveness estimation of post object-oriented technologies in software maintenance(2016) Communications in Computer and Information Science, 594, pp. 20-37. 5. An integrated approach to evaluation of domain modeling methods and tools for improvement of code reusability in software development(2016) Lecture Notes in Informatics (LNI), 6. Proceedings - Series of the Knowledge-based approach to effectiveness estimation of post object-oriented technologies in software maintenance(2015) CEUR Workshop Proceedings, 1356, pp. 62-77. 		
Комп'ютерних наук	Кафедра моделювання систем і технологій	Ткачук Микола Вячеславович	8	<ol style="list-style-type: none"> 1. Architecting for adaptive resource management in mobile augmented reality systems: Models, metrics and prototype software solutions(2017) Communications in Computer and Information Science, 783, pp. 17-35. 2. A model-based framework for adaptive resource management in mobile augmented reality system(2016) CEUR Workshop Proceedings, 1614, pp. 41-56. 3. Models, methods and tools for effectiveness estimation of post object-oriented technologies in software maintenance(2016) Communications in Computer and Information Science, 594, pp. 20-37. 4. An integrated approach to evaluation of domain modeling methods and tools for improvement of code reusability in software development(2016) Lecture Notes in Informatics (LNI), Proceedings - Series of the Gesellschaft fur Informatik (GI), P-259, pp. 143-156. 5. Communication, management and teambuilding issues in Austrian-Ukrainian outsourcing project: 10 years of experience and future challenges(2016) Lecture Notes in Informatics (LNI), Proceedings - Series of the Gesellschaft fur 	5	<ol style="list-style-type: none"> 1. The maximal advance path constraint for the homogenization of materials with random network microstructure.PHILOSOPHICAL MAGAZINE,92,2012,92,c.2779-2808 2. Models, Methods and Tools for Effectiveness Estimation of Post Object-Oriented Technologies in Software Maintenance.INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION, RESEARCH, AND INDUSTRIAL APPLICATIONS,594,2016,594,c.20-37 3. Model and Tools for Multi-dimensional Approach to Requirements Behavior Analysis.INFORMATION SYSTEMS: METHODS, MODELS, AND APPLICATIONS, UNISCON 2012,137,2013,137,c.191-198 4. Knowledge-Oriented Approach to Requirements Engineering in Ambient-Assisted Living Domain.INFORMATION SYSTEMS: METHODS, MODELS, AND APPLICATIONS, UNISCON 2012,137,2013,137,c.205-207 5. Towards Effectiveness Assessment of Domain Modelling Methods and Tools in SPL Development. ENTERPRISE MODELLING AND INFORMATION

				<p>Informatik (GI), P-259, pp. 103-109.</p> <p>6. Knowledge-based approach to effectiveness estimation of post object-oriented technologies in software maintenance(2015) CEUR Workshop Proceedings, 1356, pp. 62-77.</p> <p>7. Model and tools for multi-dimensional approach to requirements behavior analysis (2013) Lecture Notes in Business Information Processing, 137, pp. 191-198.</p> <p>8. Knowledge-oriented approach to requirements engineering in ambient-assisted living domain(2013) Lecture Notes in Business Information Processing, 137, pp. 205-207.</p>		<p>SYSTEMS ARCHITECTURES-AN INTERNATIONAL JOURNAL,13,2018,13,c.190-206</p>
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Куклін Володимир Михайлович	17	<p>1. The consequences of the modulation instabilities (2018) Problems of Atomic Science and Technology, 116 (4), pp. 225-229.</p> <p>2. Structural phase transitions in thin convection at dependence of viscosity on temperature (2018) Problems of Atomic Science and Technology, 116 (4), pp. 256-258.</p> <p>3. Superradiance of stationary oscillators (2018) Problems of Atomic Science and Technology, 116 (4), pp. 217-220.</p> <p>4. The superradiance of a bunch of rotating electrons (2018) Problems of Atomic Science and Technology, 116 (4), pp. 221-224.</p> <p>5. On pulsating radiation in weakly inverted media (2018) Problems of Atomic Science and Technology, 116 (4), pp. 268-272.</p> <p>6. Superradiant emission regimes of the system of stationary oscillators (2017) Problems of Atomic Science and Technology, 112 (6), pp. 101-104.</p> <p>7. Dissipative generation regime of a system of stationary oscillators (2017) Problems of Atomic Science and Technology, 112 (6), pp. 88-90.</p> <p>8. One-dimensional modulational instability models of intense Langmuir plasma oscillations using the Silin-Zakharov equations (2016) Physics-USpekhi, 59 (7), pp. 669-688.</p> <p>9. Ion heating, burnout of the high-frequency field, and ion sound generation under the development of a modulation instability of an intense Langmuir wave in a plasma (2015) Physics of Plasmas, 22 (9), стаття № 092118,</p> <p>10. On the nature of sources of pulsating radiation in weakly inverted media (2015) Problems of Atomic Science and Technology, 98 (4), pp. 9-11.</p> <p>11. Structural-phase transitions and state function in unstable convective medium (2015) Problems of Atomic Science and Technology, 98 (4), pp. 252-254.</p> <p>12. Ion kinetics and ion sound generation under the development of modulation instability of an intense langmuir wave in a plasma (2015) Problems of Atomic Science and Technology, 98 (4), pp. 258-263.</p> <p>13. Modelling of superradiation processes driven by an ultra-short bunch of charged particles moving through a plasma 14. Pattern formation in unstable viscous convective medium (2013) Problems of Atomic Science and Technology, (4), pp. 251-255.</p> <p>15. On the emission spectrum of oscillator trapped in a potential well (2013) Problems of Atomic Science and Technology, (4), pp. 256-259.</p> <p>16. Dynamics of ions during development of parametric instability of Langmuir waves (2013) Problems of Atomic Science and Technology, (4), pp. 260-266.</p> <p>17. On the formation of pulses of Coherent radiation in weakly inverted</p>	21	<p>1. DYNAMICS OF IONS DURING DEVELOPMENT OF PARAMETRIC INSTABILITY OF LANGMUIR WAVES.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.260-266</p> <p>2. SIMULATION OF SYNCHRONIZATION OF NONLINEAR OSCILLATORS BY THE EXTERNAL FIELD.EAST EUROPEAN JOURNAL OF PHYSICS,4,2017,4,c.75-84</p> <p>3. Ion heating, burnout of the high-frequency field, and ion sound generation under the development of a modulation instability of an intense Langmuir wave in a plasma.PHYSICS OF PLASMAS,22,2015,22,c.-</p> <p>4. MODELLING OF SUPERRADIATION PROCESSES DRIVEN BY AN ULTRA-SHORT BUNCH OF CHARGED PARTICLES MOVING THROUGH A PLASMA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015,c.255-257</p> <p>5. PATTERN FORMATION IN UNSTABLE VISCOUS CONVECTIVE MEDIUM.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.251-255</p> <p>6. ON THE FORMATION OF PULSES OF COHERENT RADIATION IN WEAKLY INVERTED MEDIA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.267-271</p> <p>7. DISSIPATIVE GENERATION REGIME OF A SYSTEM OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017,c.88-90</p> <p>8. SUPERRADIANT EMISSION REGIMES OF THE SYSTEM OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017,c.101-104</p> <p>9. One-dimensional modulational instability models of intense Langmuir plasma oscillations using the Silin-Zakharov equations.PHYSICS-USPEKHI,59,2016,59,c.669-688</p> <p>10. ON THE NATURE OF SOURCES OF PULSATING RADIATION IN WEAKLY INVERTED MEDIA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015,c.9-11</p> <p>11. STRUCTURAL-PHASE TRANSITIONS AND STATE FUNCTION IN UNSTABLE CONVECTIVE MEDIUM.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015,c.252-254</p> <p>12. SUPERRADIANCE OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.217-220</p> <p>13. THE SUPERRADIANCE OF A BUNCH OF ROTATING ELECTRONS.PROBLEMS OF ATOMIC SCIENCE AND</p>

				media (2013) Problems of Atomic Science and Technology, (4), pp. 267-271.		TECHNOLOGY,2018,c.221-224 14. THE CONSEQUENCES OF THE MODULATION INSTABILITIES.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.225-229 15. STRUCTURAL PHASE TRANSITIONS IN THIN CONVECTION AT DEPENDENCE OF VISCOSITY ON TEMPERATURE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.256-258 16. ON PULSATING RADIATION IN WEAKLY INVERTED MEDIA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.268-272 17. Yuriy Anatolievich Berezhnoy (80-th birthday), has works published, Professor.EAST EUROPEAN JOURNAL OF PHYSICS,3,2016,3,c.70-72 18. ESSENTIAL FEATURES OF MODELS FOR DESCRIPTION OF MODULATION INSTABILITY OF LANGMUIR WAVES IN PLASMA.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2,c.4-19 19. STATE FUNCTION IN UNSTABLE CONVECTIVE MEDIUM.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2,c.32-35 20. ION KINETICS AND ION SOUND GENERATION UNDER THE DEVELOPMENT OF MODULATION INSTABILITY OF AN INTENSE LANGMUIR WAVE IN A PLASMA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015,c.258-263 21. ON THE EMISSION SPECTRUM OF OSCILLATOR TRAPPED IN A POTENTIAL WELL.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.256-259
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Спорів Олександр Євгенович	13	1. Electromagnetic model of gas discharge in long tube of slightly varying radius (2018) Problems of Atomic Science and Technology, 118 (6), pp. 113-116. 2. Superradiance of stationary oscillators (2018) Problems of Atomic Science and Technology, 116 (4), pp. 217-220. 3. The superradiance of a bunch of rotating electrons (2018) Problems of Atomic Science and Technology, 116 (4), pp. 221-224. 4. Modelling of the electromagnetic surface waves propagation on the interface between the left-handed metamaterial and the dissipative dielectric (2018) Problems of Atomic Science and Technology, 118 (6), pp. 109-112. 5. Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field (2017) Contributions to Plasma Physics, 57 (5), pp. 196-208. 6. Superradiant emission regimes of the system of stationary oscillators (2017) Problems of Atomic Science and Technology, 112 (6), pp. 101-104. 7. Dissipative generation regime of a system of stationary oscillators (2017) Problems of Atomic Science and Technology, 112 (6), pp. 88-90. 8. Surface electromagnetic waves on boundary between lossy dielectric and left-handed material with gain (2017) Problems of Atomic Science and Technology, 107 (1), pp. 96-99. 9. Slow and fast surface electromagnetic waves in planar structures contained left-handed material (2015) Problems of Atomic Science and Technology, 98 (4), pp. 306-309. 10. Eigen dipolar electromagnetic waves of coaxial non-uniform plasma-metal waveguide with external azimuth magnetic field (2015) Problems of Atomic Science and Technology, 95 (1), pp. 77-80.	14	1. SIMULATION OF SYNCHRONIZATION OF NONLINEAR OSCILLATORS BY THE EXTERNAL FIELD.EAST EUROPEAN JOURNAL OF PHYSICS,4,2017,4,c.75-84 2. DISSIPATIVE GENERATION REGIME OF A SYSTEM OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017,c.88-90 3. SUPERRADIANT EMISSION REGIMES OF THE SYSTEM OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017,c.101-104 4. SURFACE ELECTROMAGNETIC WAVES ON BOUNDARY BETWEEN LOSSY DIELECTRIC AND LEFT-HANDED MATERIAL WITH GAIN.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017,c.96-99 5. SURFACE ELECTROMAGNETIC WAVES IN LEFT-HANDED MATERIAL SLAB EMBEDDED IN PLASMALIKE MEDIA.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2014,c.112-115 6. PHASE AND GROUP VELOCITIES OF ELECTROMAGNETIC EIGEN WAVES OF LEFT-HAND MATERIAL SLAB.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012,c.87-89 7. MODELLING OF THE ELECTROMAGNETIC SURFACE WAVES PROPAGATION ON THE INTERFACE BETWEEN THE LEFT-HANDED METAMATERIAL AND THE DISSIPATIVE DIELECTRIC.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.109-112 8. ELECTROMAGNETIC MODEL OF GAS DISCHARGE IN LONG TUBE OF SLIGHTLY VARYING RADIUS.PROBLEMS OF ATOMIC

				<p>11. Surface electromagnetic waves in left-handed material slab embedded in plasmalike media (2014) Problems of Atomic Science and Technology, 94 (6), pp. 112-115.</p> <p>12. Eigen dipolar electromagnetic waves of coaxial plasma-metall waveguide structure with azimuth magnetic field (2013) Problems of Atomic Science and Technology, (1), pp. 93-95.</p> <p>13. Phase and group velocities of ectrmagnetic eigen waves of left-hand material slab (2012) Problems of Atomic Science and Technology, (6), pp. 87-89.</p>		<p>SCIENCE AND TECHNOLOGY,2018,c.113-116</p> <p>9. SUPERRADIANCE OF STATIONARY OSCILLATORS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.217-220</p> <p>10. THE SUPERRADIANCE OF A BUNCH OF ROTATING ELECTRONS.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.221-224</p> <p>11. Eigen electromagnetic waves of a coaxial waveguiding structure filled by a non-uniform dissipative plasma with azimuthal magnetic field.CONTRIBUTIONS TO PLASMA PHYSICS,57,2017,57,c.196-208</p> <p>12. EIGEN DIPOLAR ELECTROMAGNETIC WAVES OF COAXIAL NON-UNIFORM PLASMA-METALL WAVEGUIDE WITH EXTERNAL AZIMUTH MAGNETIC FIELD.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015,c.77-80</p> <p>13. SLOW AND FAST SURFACE ELECTROMAGNETIC WAVES IN PLANAR STRUCTURES CONTAINED LEFT-HANDED MATERIAL.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015,c.306-309</p> <p>14. EIGEN DIPOLAR ELECTROMAGNETIC WAVES OF COAXIAL PLASMA-METALL WAVEGUIDE STRUCTURE WITH AZIMUTH MAGNETIC FIELD.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.93-95</p>
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Гущин Іван Валерійович			5	<p>1. STRUCTURAL TRANSITIONS IN THE MODEL OF PROCTOR-SIVASHINSKY.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2010,c.296-298</p> <p>2. PATTERN FORMATION IN UNSTABLE VISCOUS CONVECTIVE MEDIUM.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.251-255</p> <p>3. STRUCTURAL-PHASE TRANSITIONS AND STATE FUNCTION IN UNSTABLE CONVECTIVE MEDIUM.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015,c.252-254</p> <p>4. STRUCTURAL PHASE TRANSITIONS IN THIN CONVECTION AT DEPENDENCE OF VISCOSITY ON TEMPERATURE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.256-258</p> <p>5. STATE FUNCTION IN UNSTABLE CONVECTIVE MEDIUM.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2,c.32-35</p>
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Карась Ірина Вячеславівна	6	<p>1. Heating of plasmas by microwave radiation with stochastic jumpphase (2018) Problems of Atomic Science and Technology, 116 (4), pp. 235-240.</p> <p>2. Electromagnetic modes of a coaxial plasma waveguide in an external magnetic field (2015) Problems of Atomic Science and Technology, 98 (4), pp. 36-42.</p> <p>3. Special features of low-pressure discharge initiated by microwave radiation with stochastic jumping phase(2013) IEEE Transactions on Plasma Science, 41 (9), статья № 6587607, pp. 2458-2463.</p> <p>4. Optical radiation special features from plasma of low pressure discharge initiated by microwave radiation with stochastic jumping phase(2013) Problems of Atomic Science and Technology, (4), pp. 183-188.</p> <p>5. Low pressure discharge induced by microwave with stochastically jumping phase(2012) 39th EPS Conference on Plasma Physics 2012, EPS 2012 and the</p>	7	<p>1. OPTICAL RADIATION SPECIAL FEATURES FROM PLASMA OF LOW PRESSURE DISCHARGE INITIATED BY MICROWAVE RADIATION WITH STOCHASTIC JUMPING PHASE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.183-188</p> <p>2. LOW PRESSURE DISCHARGE INITIATED BY MICROWAVE RADIATION WITH STOCHASTICALLY JUMPING PHASE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012,c.142-145</p> <p>3. STUDIES OF MICROWAVE CHARACTERISTICS AND PLASMA PARAMETERS IN LOW PRESSURE DISCHARGE INITIATED IN COAXIAL WAVEGUIDE BY STOCHASTIC RADIATION.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2015,c.197-201</p> <p>4. ELECTROMAGNETIC MODES OF A COAXIAL PLASMA WAVEGUIDE IN AN EXTERNAL MAGNETIC FIELD.PROBLEMS OF</p>

				<p>16th International Congress on Plasma Physics, 2, pp. 1034-1037.</p> <p>6. Low pressure discharge induced by microwaves with stochastically jumping phase(2012) Problems of Atomic Science and Technology, (1), pp. 342-345.</p>		<p>ATOMIC SCIENCE AND TECHNOLOGY,2015,c.36-42</p> <p>5. HEATING OF PLASMAS BY MICROWAVE RADIATION WITH STOCHASTIC JUMPPHASE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2018,c.235-240</p> <p>6. STUDIES OF PLASMA PARAMETERS IN LOW PRESSURE DISCHARGE INITIATED IN COAXIAL WAVEGUIDE BY MICROWAVE STOCHASTIC RADIATION.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2016,c.148-151</p> <p>7. LOW PRESSURE DISCHARGE INDUCED BY MICROWAVES WITH STOCHASTICALLY JUMPING PHASE.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012,c.342-345</p>
Комп'ютерних наук	Кафедра штучного інтелекту та програмного забезпечення	Лазурик Валентина Михайлівна	4	<p>1. Dosimetry method based on a two-parametric model of electrons beam for radiation processing(2017) Problems of Atomic Science and Technology, 112 (6), pp. 137-141.</p> <p>2. Two-parametric model of electron beam in computational dosimetry for radiation processing(2016) Radiation Physics and Chemistry, 124, pp. 230-234.</p> <p>3. Impact of energy spread of electron beam on absorbed dose distribution (2013) Problems of Atomic Science and Technology, (4), pp. 308-310.</p> <p>4. Comparison of product irradiation technology on industrial X-ray radiation facility(2012) Problems of Atomic Science and Technology, (4), pp. 216-220.</p>	5	<p>1. Two-parametric model of electron beam in computational dosimetry for radiation processing.RADIATION PHYSICS AND CHEMISTRY,124,2016,124,c.230-234</p> <p>2. DOSIMETRY METHOD BASED ON A TWO-PARAMETRIC MODEL OF ELECTRONS BEAM FOR RADIATION PROCESSING.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017,c.137-141</p> <p>3. DETERMINATION OF THE STANDARD CHARACTERISTICS OF DEPTH-DOSE DISTRIBUTIONS ON THE BASE OF SEMIEMPIRICAL MODEL OF ELECTRONS ENERGY DEPOSITION.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2,c.45-51</p> <p>4. IMPACT OF ENERGY SPREAD OF ELECTRON BEAM ON ABSORBED DOSE DISTRIBUTION.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.308-310</p> <p>5. COMPARISON OF PRODUCT IRRADIATION TECHNOLOGY ON INDUSTRIAL X-RAY RADIATION FACILITY.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012,c.216-220</p>
Комп'ютерних наук	Кафедра моделювання систем і технологій	Лазурик Валентин Тимофійович	7	<p>1. Dosimetry method based on a two-parametric model of electrons beam for radiation processing(2017) Problems of Atomic Science and Technology, 112 (6), pp. 137-141.</p> <p>2. Two-parametric model of electron beam in computational dosimetry for radiation processing(2016) Radiation Physics and Chemistry, 124, pp. 230-234.</p> <p>3. Impact of energy spread of electron beam on absorbed dose distribution(2013) Problems of Atomic Science and Technology, (4), pp. 308-310.</p> <p>4. Use of neural networks for monitoring beam spectrum of industrial electron accelerators(2013) CEUR Workshop Proceedings, 1000, pp. 118-129.</p> <p>5. Comparison of product irradiation technology on industrial X-ray radiation facility(2012) Problems of Atomic Science and Technology, (4), pp. 216-220.</p> <p>6. Research of deceleration radiation yield on high-current accelerators of relativistic electron beams of Ipenma(2012) Problems of Atomic Science and Technology, (4), pp. 163-166.</p> <p>7. Advantages of neural networks for deriving an electrons spectrum from depth-charge curve(2012) IEEE Nuclear Science Symposium Conference Record, статья № 6154625, pp. 1395-1397.</p>	5	<p>1. Two-parametric model of electron beam in computational dosimetry for radiation processing.RADIATION PHYSICS AND CHEMISTRY,124,2016,124,c.230-234</p> <p>2. DOSIMETRY METHOD BASED ON A TWO-PARAMETRIC MODEL OF ELECTRONS BEAM FOR RADIATION PROCESSING.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2017,C.137-141</p> <p>3. DETERMINATION OF THE STANDARD CHARACTERISTICS OF DEPTH-DOSE DISTRIBUTIONS ON THE BASE OF SEMIEMPIRICAL MODEL OF ELECTRONS ENERGY DEPOSITION.EAST EUROPEAN JOURNAL OF PHYSICS,2,2015,2,c.45-51</p> <p>4. IMPACT OF ENERGY SPREAD OF ELECTRON BEAM ON ABSORBED DOSE DISTRIBUTION.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2013,c.308-310</p> <p>5. COMPARISON OF PRODUCT IRRADIATION TECHNOLOGY ON INDUSTRIAL X-RAY RADIATION FACILITY.PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY,2012,c.216-220</p>
Медичний	Загальної практики-сімейної медицини	Ніколенко Є.Я.			7	<p>1. Occupational health and working conditions of workers in engineering industry (clinical and epidemiological characteristics)/ News of science and education/ Vol. 5. -2015. – P.12-20.</p> <p>2. Modern Approaches of the Treatment of Caused by Hypertension</p>

					<p>Emergency Conditions /American Journal of Science and Technologies/2018.- №1 (28).- P. 487-494.</p> <p>3. Аналіз визначення показників біліарної системи в практиці сімейного лікаря, як пре диктора захворювання/Materials of XI international research and practice conference. – Sheffield/ 2015.Vol.8. —P.31-42.</p> <p>4. Фактори, які детермінують стан здоров'я студентської популяції /Massachusetts Review of Science and Technologies/№ 1 (13), January-June, 2016. – V.VII. – P.891-898.</p> <p>5. Use of atorvastatin in the family doctor's practice/ Family Practice/ Oxford University Press 2017, I 6(2). – V. 34.- P. 1497-1503.</p> <p>6. Evaluation of gallbladder in patients with chronic noncalculous cholecystitis with ultrasonography/ Medicine and Science in Sports and Exercise Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V. 49.- 2843-2849.</p> <p>7. State regulation of investment and public health in the context of human rights/ Medical Education Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V.51.- 1531-1538.</p>
Медич-ний	Загальної практики-сімейної медицини	Вовк К.В.			<p>6</p> <p>1. Аналіз визначення показників біліарної системи в практиці сімейного лікаря, як пре диктора захворювання/Materials of XI international research and practice conference. – Sheffield/ 2015.Vol.8. —P.31-42.</p> <p>2. Фактори, які детермінують стан здоров'я студентської популяції /Massachusetts Review of Science and Technologies/№ 1 (13), January-June, 2016. – V.VII. – P.891-898.</p> <p>3. Use of atorvastatin in the family doctor's practice/ Family Practice/ Oxford University Press 2017, I 6(2). – V. 34.- P. 1497-1503.</p> <p>4. Evaluation of gallbladder in patients with chronic noncalculous cholecystitis with ultrasonography/ Medicine and Science in Sports and Exercise Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V. 49.- 2843-2849.</p> <p>5. State regulation of investment and public health in the context of human rights/ Medical Education Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V.51.- 1531-1538.</p> <p>6. Dynamic monitoring of the patients with nonalcoholic fatty liver disease in combination with cardiovascular risk. British Medical Bulletin. – 2017. - V. 124-I(2).- P. 782-792.</p>
Медич-ний	Загальної практики-сімейної медицини	Сокруто О.В			<p>5</p> <p>1. State regulation of investment and public health in the context of human rights/ Medical Education Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V.51.- 1531-1538.</p> <p>2. Evaluation of gallbladder in patients with chronic noncalculous cholecystitis with ultrasonography/ Medicine and Science in Sports and Exercise Lippincott Williams and Wilkins Ltd./2017. - I 12(2). – V. 49.- 2843-2849</p> <p>3. Use of atorvastatin in the family doctor's practice/ Family Practice/ Oxford University Press 2017, I 6(2). – V. 34.- P. 1497-1503.</p> <p>4. Фактори, які детермінують стан здоров'я студентської популяції /Massachusetts Review of Science and Technologies/№ 1 (13), January-June, 2016. – V.VII. – P.891-898.</p> <p>5. Аналіз визначення показників біліарної системи в практиці сімейного лікаря, як пре диктора захворювання/Materials of XI international research and practice conference. – Sheffield/ 2015.Vol.8. —P.31-42.</p>

Медич-ний	Загальної практики-сімейної медицини	Корж А.Н..			5	<p>1.Рациональная фармакотерапия больных с ишемической болезнью сердца в сочетании с тревожными расстройствами// Лікарська справа.-2012.- №8.-С.101-107.</p> <p>2.Effects of the lercanidipine–enalapril combination vs. the corresponding monotherapies on home blood pressure in hypertension: evidence from a large database // Journal of Hypertension (2016) 34 (1): 139-148, doi: 10.1097/HJH.0000000000000767.</p> <p>3.The prevalence of comorbidities in COPD patients, and their impact on health status and COPD symptoms in primary care patients: a protocol for an UNLOCK study from the IPCRG // npj Primary Care Respiratory Medicine (2016) 26, 16069; doi:10.1038.</p> <p>4.Significance of education and self-management support for patients with chronic heart failure in family physician practice. Fam Med Prim Care Rev 2016; 18(4): 432–436, doi: 10.5114/fmpcr.2016.63697</p> <p>5.Evolocumab and Clinical Outcomes in Patients with Cardiovascular Disease // N Engl J Med 2017; 376:1713-1722; DOI: 10.1056/NEJMoa1615664.</p>
Медич-ний	Загальної практики-сімейної медицини	В'язовська Ольга Василівна	6	<p>1. Cryoprotective efficiency of media combining oxyethylated methylcellosolve and dimethyl acetamide during freeze-thawing of human erythrocytes, 2013, Problems of Cryobiology and Cryomedicine, 23(4), с. 297-308</p> <p>2. The relation between cryoprotective and physico-chemical properties of oxyethylated methyl cellosolve-based media, 2013, Cryo-Letters, 34(5), с. 527-534</p> <p>3. Attentional tradeoffs in the pigeon 2014, Journal of the Experimental Analysis of Behavior, 101(3), с. 337-354</p> <p>4. Selective attention and pigeons' multiple necessary cues discrimination learning, 2015, Behavioural Processes, 112, с. 61-71</p> <p>5. Stagemwise multidimensional visual discrimination by pigeons. 2016, Journal of the Experimental Analysis of Behavior, 106(1), с. 58-74</p> <p>6. Pigeons deploy selective attention to efficiently learn a stagewise multidimensional visual discrimination task 2018 Journal of Experimental Psychology: Animal Learning and Cognition, 44(2), с. 162-167</p>		
Медич-ний	Загальної та клінічної імунології та алергології	Попов Микола Миколайович	6	<p>1.Formation of neutrophil extracellular traps under the influence of monochromatic light-emitting diode // British Journal of Science, Education and Culture. 2014. №1 (5)р. 314-318</p> <p>2. Cytokine production peculiarities in different forms of Epstein-Barr virus infection// Georgian Medical News. 2017. P. 55-59</p> <p>3. Случай врожденного миелобластного лейкоза у ребенка раннего возраста // International Health. 2017. № 6 (2), Vol. 9. С. 1466-1475</p> <p>4. Hidrotic ectodermal dysphasia – clinical case // Medical Education. 2017. Issue 12 (2), Vol. 51. P. 1538-1542</p> <p>5. Цитокиновий профіль при хронической Эпштейна-Барр вирусной инфекции // The Journal of Medicine and Philosophy. 2017. № 6(2), Том 42. P. 1375-1382</p> <p>6. Therapeutic effectiveness of Abiflox in the complex therapy of patients with non-hospital pneumonia// The Journal of Medicine and Philosophy. 2017. № 6(2), Том 42. P. 1383-1391</p>	1	<p>Вплив поліморфізму гена інтерлейкіна-28 на перебіг хронічної Епштейна-Барр вірусної інфекції О. Г. Сорокіна, М. М. Попов, Т. І. Лядова // World of medicine and biology: світ медицини та біології. – 2017. – № 3 (61) . – С.68-72</p>

Медичний	Загальної та клінічної імунології та алергології	Лядова Тетяна Іванівна	5	<p>1. Cytokine production peculiarities in different forms of Epstein-Barr virus infection// Georgian Medical News. 2017. P. 55-59</p> <p>2. Research of level specific autoantibodies in different forms of EBV-infection // Family Practice. 2017. № 6(2), Vol. 34. P. 1521-1531</p> <p>3. Цитокиновий профіль при хронічній Епштейна-Барр вірусній інфекції // The Journal of Medicine and Philosophy. 2017. № 6(2), Том 42. P. 1375-1382</p> <p>4. Therapeutic effectiveness of Abiflox in the complex therapy of patients with non-hospital pneumonia // The Journal of Medicine and Philosophy. 2017. № 6(2), Том 42. P. 1383-1391</p> <p>5. Polymorphism prevalence of TLR 9 type gene in patients with chronic forms of Epstein-Barr virus-infection // Georgian medical news. №3(276). P.112-116</p>	1	Вплив поліморфізму гена інтерлейкіна-28 на перебіг хронічної Епштейна-Барр вірусної інфекції О. Г. Сорокіна, М. М. Попов, Т. І. Лядова // World of medicine and biology: світ медицини та біології. – 2017. – № 3 (61) . – С.68-72.
Біологічний	Генетики і цитології	Атраментова Любов Олексіївна	18	<p>1. Impact of migration on the expression of aggression and empathy in urban populations. Atramentova, L., Luchko, E., Filiptsova, O. 2018. Egyptian Journal of Medical Human Genetics. 19(2), pp. 83-86.</p> <p>2. Genomic analyses inform on migration events during the peopling of Eurasia. Pagani, L., Lawson, D. J., Jagoda, E., (...), Kivisild, T., Metspalu, M. 2016. Nature. 538(7624), pp. 238-242.</p> <p>3. Aggression and empathy as genetic differentiation factors of urban population. Atramentova, L. A., Luchko, E. N. 2016. Genetika. 52(6), pp. 705-712.</p> <p>4. Aggression and empathy as genetic differentiation factors of urban population. Atramentova, L. A., Luchko, E. N. 2016. Russian Journal of Genetics. 52(6), pp. 615-621.</p> <p>5. Genetic heritage of the balto-slavic speaking populations: A synthesis of autosomal, mitochondrial and Y-chromosomal data. Kushniarevich, A., Utevska, O., Chuhryaeva, M., (...), Owings, A. C., Schurr, T. G. 2015. PLoS ONE. 10(9), e0135820.</p> <p>6. Gene pool similarities and differences between Ukrainians and Russians of Slobozhanshchina based on Y-chromosome data. Utevska, O. M., Pshenichnov, A. S., Dibirova, K. D., (...), Atramentova, L. A., Balanovsky, O. P. 2015. Cytology and Genetics. 49(4), pp. 245-253.</p> <p>7. GENE POOL SIMILARITIES AND DIFFERENCES BETWEEN UKRAINIANS AND RUSSIANS OF SLOBOZHANSCHINA ON Y-CHROMOSOME DATA. Utevska, O. M., Pshenichnov, A. S., Dibirova, K. D., (...), Atramentova, L. A., Balanovsky, O. P. 2015. Tsitologiya i genetika. 49(4), pp. 40-50.</p> <p>8. A recent bottleneck of Y chromosome diversity coincides with a global change in culture. Karmin, M., Saag, L., Vicente, M., (...), Villems, R., Kivisild, T. 2015. Genome Research. 25(4), pp. 459-466.</p> <p>9. [Characteristics of migration in the population of Yevpatoria (Crimea)]. Atramentova, L. A., Meshcheryakova, I. P., Filiptsova, O. V. 2014. Genetika. 50(9), pp. 1124-1132.</p> <p>10. Characteristics of migration in the population of Yevpatoria (Crimea). Atramentova, L. A., Meshcheryakova, I. P., Filiptsova, O. V. 2014. Russian Journal of Genetics. 50(9), pp. 994-1002.</p> <p>11. Heritability of fear: Ukrainian experience. Filiptsova, O. V., Atramentova, L. A., Kobets, Y. 2014. Egyptian Journal of Medical Human Genetics. 15(4), pp. 347-353.</p>	11	<p>1. Genomic analyses inform on migration events during the peopling of Eurasia. Pagani, Luca; Lawson, Daniel John; Jagoda, Evelyn; з співавторами. NATURE. 538. 7624. 238-+. OCT 13 2016.</p> <p>2. Aggression and empathy as genetic differentiation factors of urban population. Atramentova, L. A.; Luchko, E. N. RUSSIAN JOURNAL OF GENETICS. 52. 6. 615-621. JUN 2016.</p> <p>3. Genetic Heritage of the Balto-Slavic Speaking Populations: A Synthesis of Autosomal, Mitochondrial and Y-Chromosomal Data. Kushniarevich, Alena; Utevska, Olga; Chuhryaeva, Marina; з співавторами. PLOS ONE. 10. 9. e0135820. SEP 2 2015.</p> <p>4. Gene pool similarities and differences between Ukrainians and Russians of Slobozhanshchina based on Y-chromosome data. Utevska, O. M.; Pshenichnov, A. S.; Dibirova, K. D.; з співавторами. CYTOLOGY AND GENETICS. 49. 4. 245-253. JUL 2015.</p> <p>5. A recent bottleneck of Y chromosome diversity coincides with a global change in culture. Karmin, Monika; Saag, Lauri; Vicente, Mario; з співавторами. GENOME RESEARCH. 25. 4. 459-466. APR 2015.</p> <p>6. Populations of Transcarpathia and Bukovina on the genetic landscape of surrounding regions. Utevska, O. M.; Chukhraeva, M. I.; Agdzhoyan, A. T.; з співавторами. VISNYK OF DNIPROPETROVSK UNIVERSITY-BIOLOGY MEDICINE. 6. 2. 133-140. 2015.</p> <p>7. Population distribution and ancestry of the cancer protective MDM2 SNP285 (rs117039649). Knappskog, Stian; Gansmo, Liv B.; Dibirova, Khadizha; з співавторами. ONCOTARGET. 5. 18. 8223-8234. SEP 30 2014.</p> <p>8. Characteristics of migration in the population of Yevpatoria (Crimea). Atramentova, L. A.; Meshcheryakova, I. P.; Filiptsova, O. V. RUSSIAN JOURNAL OF GENETICS. 50. 9. 994-1002. SEP 2014.</p> <p>9. Reproduction characteristics and crow's index in different groups of yevpatoria population. Atramentova, L. A.; Meshcheryakova, I. P.; Filiptsova, O. V. RUSSIAN JOURNAL OF GENETICS. 49. 12. 1219-1226. DEC 2013.</p> <p>10. Genetic Affinities of Ukrainians From the Maternal Perspective. Pshenichnov, Andrey; Balanovsky, Oleg; Utevska, Olga; з співавторами. AMERICAN JOURNAL OF PHYSICAL ANTHROPOLOGY. 152. 4. 543-550. DEC 2013.</p> <p>11. Genetic demography of populations of three megalopolises in relation to the problem of creating genetic databases. Kurbatova, O. L.; Pobedonostseva, E. Yu; Veremeichyk, V. M.; з співавторами. RUSSIAN JOURNAL OF</p>

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Біологічний	Генетики і цитології	Утевська Ольга Михайлівна	17	<p>1. Genetic differentiation between upland and lowland populations shapes the Y-chromosomal landscape of West Asia. Balanovsky, O., Chukhryaeva, M., Zaporozhchenko, V., (...), Tyler-Smith, C., Balanovska, E. 2017. <i>Human Genetics</i>. 136(4), pp. 437-450.</p> <p>2. Is there a Finno-Ugric component in the gene pool of Russians from Yaroslavl oblast? Evidence from Y-chromosome. Chukhryaeva, M. I., Pavlova, E. S., Napolskich, V. V., (...), Balanovsky, O. P., Balanovska, E. V. 2017. <i>Russian Journal of Genetics</i>. 53(3), pp. 388-399.</p> <p>3. Population biobanks: Organizational models and prospects of application in gene geography and personalized medicine. Balanovska, E. V., Zhabagin, M. K., Agdzhoyan, A. T., (...), Pocheshkhova, E. A., Balanovsky, O. P. 2016. <i>Russian Journal of Genetics</i>. 52(12), pp. 1227-1243.</p> <p>4. Coloration pattern in populations of the eastern medicinal leech, <i>Hirudo orientalis</i> Utevsky & Trontelj, 2005 (Clitellata, Hirudinida): geographical distribution and life history. Darabi-Darestani, K., Sari, A., Utevska, O., Utevsky, S. Y. 2016. <i>Zoomorphology</i>. 135(3), pp. 291-303.</p> <p>5. Human Y Chromosome Haplogroup N: A Non-trivial Time-Resolved Phylogeography that Cuts across Language Families. Ilumäe, A. -M., Reidla, M., Chukhryaeva, M., (...), Villems, R., Rootsi, S. 2016. <i>American Journal of Human Genetics</i>. 99(1), pp. 163-173.</p> <p>6. Genomic analyses inform on migration events during the peopling of Eurasia. Pagani, L., Lawson, D. J., Jagoda, E., (...), Kivisild, T., Metspalu, M. 2016. <i>Nature</i>. 538(7624), pp. 238-242.</p> <p>7. The haplomatch program for comparing Y-chromosome STR-haplotypes and its application to the analysis of the origin of Don Cossacks. Chukhryaeva, M.</p>	15	<p>1. Genetic differentiation between upland and lowland populations shapes the Y-chromosomal landscape of West Asia. Balanovsky, O.; Chukhryaeva, M.; Zaporozhchenko, V.; з співавторами. <i>HUMAN GENETICS</i>. 136. 4. 437-450. APR 2017.</p> <p>2. Is there a Finno-Ugric component in the gene pool of Russians from Yaroslavl oblast? Evidence from Y-chromosome. Chukhryaeva, M. I.; Pavlova, E. S.; Napolskich, V. V.; з співавторами. <i>RUSSIAN JOURNAL OF GENETICS</i>. 53. 3. 388-399. MAR 2017.</p> <p>3. Population Biobanks: Organizational Models and Prospects of Application in Gene Geography and Personalized Medicine. Balanovska, E. V.; Zhabagin, M. K.; Agdzhoyan, A. T.; з співавторами. <i>RUSSIAN JOURNAL OF GENETICS</i>. 52. 12. 1227-1243. DEC 2016.</p> <p>4. Genomic analyses inform on migration events during the peopling of Eurasia. Pagani, Luca; Lawson, Daniel John; Jagoda, Evelyn; з співавторами. <i>NATURE</i>. 538. 7624. 238-+. OCT 13 2016.</p> <p>5. Coloration pattern in populations of the eastern medicinal leech, <i>Hirudo orientalis</i> Utevsky & Trontelj, 2005 (Clitellata, Hirudinida): geographical distribution and life history. Darabi-Darestani, Kaveh; Sari, Alireza; Utevska, Olga; з співавторами. <i>ZOOMORPHOLOGY</i>. 135. 3. 291-303. SEP 2016.</p> <p>6. Human Y Chromosome Haplogroup N: A Non-trivial Time-Resolved Phylogeography that Cuts across Language Families. Ilumäe, Anne-Mai; Reidla, Maere; Chukhryaeva, Marina; з співавторами. <i>AMERICAN JOURNAL OF HUMAN GENETICS</i>. 99. 1. 163-173. JUL 7 2016.</p> <p>7. The haplomatch program for comparing Y-chromosome STR-haplotypes and its application to the analysis of the origin of Don Cossacks. Chukhryaeva, M.</p>

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Біологічний	Зоології і екології тварин	Утевській Сергій Юрійович	14	<p>1. Entrapped by the uneven central and Middle Eastern terrains: Genetic status of populations of <i>Hirudo orientalis</i> (Annelida, Clitellata, Hirudinida) with a phylogenetic review of the genus <i>Hirudo</i>. Darabi-Darestani, K., Sari, A., Sarafrazi, A., Utevsky, S. 2018. <i>Molecular Phylogenetics and Evolution</i>. 121, pp. 52-60.</p> <p>2. On the distribution of <i>Dina stschegolewi</i> (Hirudinida: Erpobdellidae) in the South Caucasus. Khomenko, A., Utevsky, S., Palatov, D., (...), Darabi-Darestani, K., Utevsky, A. 2018. <i>Zoology in the Middle East</i>. 64(1), pp. 88-90.</p> <p>3. New antarctic deep-sea weird leech (Hirudinida: Piscicolidae): Morphological features and phylogenetic relationships. Utevsky, A., Utevsky, S.</p>	11	<p>1. New Antarctic deep-sea weird leech (Hirudinida: Piscicolidae): morphological features and phylogenetic relationships. Utevsky, Andriy; Utevsky, Serge. <i>SYSTEMATIC PARASITOLOGY</i>. 95. 8-9. 849-861. NOV 2018.</p> <p>2. Entrapped by the uneven central and Middle Eastern terrains: Genetic status of populations of <i>Hirudo orientalis</i> (Annelida, Clitellata, Hirudinida) with a phylogenetic review of the genus <i>Hirudo</i>. Darabi-Darestani, Kaveh; Sari, Alireza; Sarafrazi, Alimorad; з співавторами. <i>MOLECULAR PHYLOGENETICS AND EVOLUTION</i>. 121. 52-60. APR 2018.</p> <p>3. On the distribution of <i>Dina stschegolewi</i> (Hirudinida: Erpobdellidae) in</p>

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Біологічний	Фізіології і біохімії рослин та мікроорганізмів	Колупаєв Юрій Євгенійович	40	<p>1. Methyl Jasmonate and Nitric Oxide in Regulation of the Stomatal Apparatus of Arabidopsis thaliana. Yastreb, T. O., Kolupaev, Y. E., Kokorev, A. I., Horielova, E. I., Dmitriev, A. P. 2018. Cytology and Genetics. 52(6), pp. 400-405.</p> <p>2. Effects of Nitrate and L-Arginine on Content of Nitric Oxide and Activities of Antioxidant Enzymes in Roots of Wheat Seedlings and Their Heat Resistance. Karpets, Y. V., Kolupaev, Y. E., Lugovaya, A. A., Shvidenko, N. V., Yastreb, T. O. 2018. Russian Journal of Plant Physiology. 65(6), pp. 908-915.</p> <p>3. Action of methyl jasmonate and salt stress on antioxidant system of arabidopsis plants defective in jasmonate signaling genes. Yastreb, T. O., Kolupaev, Y. E., Shvidenko, N. V., Dmitriev, A. P. 2018. Ukrainian Biochemical Journal. 90(5), pp. 50-59.</p> <p>4. Combined Effect of Salicylic Acid and Nitrogen Oxide Donor on Stress-Protective System of Wheat Plants under Drought Conditions. Kolupaev, Y. E., Karpets, Y. V., Yastreb, T. O., Lugovaya, A. A. 2018. Applied Biochemistry and Microbiology. 54(4), pp. 418-424.</p> <p>5. Participation of Nitric Oxide in 24-Epibrassinolide-Induced Heat Resistance of Wheat Coleoptiles: Functional Interactions of Nitric Oxide with Reactive Oxygen Species and Ca Ions. Karpets, Y. V., Kolupaev, Y. E. 2018. Russian Journal of Plant Physiology. 65(2), pp. 177-185.</p> <p>6. Phenylalanine ammonia-lyase activity and content of flavonoid compounds in wheat seedlings at the action of hypothermia and hydrogen sulfide donor. Kolupaev, Y. E., Horielova, E. I., Yastreb, T. O., Popov, Y. V., Ryabchun, N. I. 2018. Ukrainian Biochemical Journal. 90(6), pp. 12-20.</p> <p>7. Hydrogen peroxide-induced salt tolerance in the Arabidopsis salicylate-deficient transformants NahG. Yastreb, T. O., Kolupaev, Y. E., Lugovaya, A. A., Dmitriev, A. P. 2017. Applied Biochemistry and Microbiology. 53(6), pp. 719-724.</p> <p>8. Formation of adaptive reactions in Arabidopsis thaliana wild-type and mutant jin1 plants under action of abscisic acid and salt stress. Yastreb, T. O., Kolupaev, Y. E., Lugovaya, A. A., Dmitriev, A. P. 2017. Cytology and Genetics.</p>	44	<p>1. Methyl Jasmonate and Nitric Oxide in Regulation of the Stomatal Apparatus of Arabidopsis thaliana. Yastreb, T. O.; Kolupaev, Yu. E.; Kokorev, A. I.; з співавторами. CYTOLOGY AND GENETICS. 52. 6. 400-405. NOV 2018.</p> <p>2. Effects of Nitrate and L-Arginine on Content of Nitric Oxide and Activities of Antioxidant Enzymes in Roots of Wheat Seedlings and Their Heat Resistance. Karpets, Yu. V.; Kolupaev, Yu. E.; Lugovaya, A. A.; з співавторами. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 65. 6. 908-915. NOV 2018.</p> <p>3. Combined Effect of Salicylic Acid and Nitrogen Oxide Donor on Stress-Protective System of Wheat Plants under Drought Conditions. Kolupaev, Yu. E.; Karpets, Yu. V.; Yastreb, T. O.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 54. 4. 418-424. JUL 2018.</p> <p>4. Influence of Sodium Nitroprusside as a NO-Donor on the Productivity and Resistance of Barley to Adverse Factors. Karpets, Yu. V.; Kolupaev, Yu. E.; Kolomojets, B. A.; з співавторами. Agrokhimiya. 6. 53-62. 2018.</p> <p>5. Participation of Nitric Oxide in 24-Epibrassinolide-Induced Heat Resistance of Wheat Coleoptiles: Functional Interactions of Nitric Oxide with Reactive Oxygen Species and Ca Ions. Karpets, Yu. V.; Kolupaev, Yu. E. RUSSIAN JOURNAL OF PLANT PHYSIOLOGY. 65. 2. 177-185. MAR 2018.</p> <p>6. Combined Effect of Salicylic Acid and Nitrogen Oxide Donor on Stress-Protective System of Wheat Plants Under Drought Conditions. Kolupaev, Yu. E.; Karpets, Yu. V.; Yastreb, T. O.; з співавторами. Prikladnaya biokhimiya i mikrobiologiya. 54. 4. 400-407. 2018.</p> <p>7. Hydrogen peroxide-induced salt tolerance in the Arabidopsis salicylate-deficient transformants NahG. Yastreb, T. O.; Kolupaev, Yu. E.; Lugovaya, A. A.; з співавторами. APPLIED BIOCHEMISTRY AND MICROBIOLOGY. 53. 6. 719-724. NOV 2017.</p> <p>8. Formation of adaptive reactions in Arabidopsis thaliana wild-type and mutant jin1 plants under action of abscisic acid and salt stress. Yastreb, T. O.; Kolupaev, Yu. E.; Lugovaya, A. A.; з співавторами. CYTOLOGY AND GENETICS. 51. 5. 325-330. SEP 2017.</p> <p>9. The Participation of Calcium Ions and Reactive Oxygen Species in the</p>

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Біологічний	Зоології і екології тварин	Зіненко Олександр Іванович	10	<p>1. The distribution of meadow and steppe vipers (<i>Vipera graeca</i>, <i>V. renardi</i> and <i>v. ursinii</i>): A revision of the new atlas of amphibians and reptiles of Europe. Mizsei, E., Zinenko, O., Sillero, N., (...), Roussos, S. A., Szabolcs, M. 2018. <i>Basic and Applied Herpetology</i>. 32, pp. 77-83.</p> <p>2. Pleistocene extinctions and recent expansions in an anguid lizard of the genus <i>Pseudopus</i>. Jandzik, D., Jablonski, D., Zinenko, O., (...), Moravec, J., Gvoždik, V. 2018. <i>Zoologica Scripta</i>. 47(1), pp. 21-32.</p> <p>3. Evolutionary melting pots: a biodiversity hotspot shaped by ring diversifications around the Black Sea in the Eastern tree frog (<i>Hyla orientalis</i>). Dufresnes, C., Litvinchuk, S. N., Leuenberger, J., (...), Stöck, M., Perrin, N. 2016. <i>Molecular Ecology</i>. 25(17), pp. 4285-4300.</p> <p>4. Hybrid origin of European Vipers (<i>Vipera magnifica</i> and <i>Vipera orlovi</i>) from the Caucasus determined using genomic scale DNA markers. Zinenko, O., Sovic, M., Joger, U., Gibbs, H. L. 2016. <i>BMC Evolutionary Biology</i>. 16(1),76.</p> <p>5. Individual growth rates of Nikolsky's Viper, <i>Vipera berus nikolskii</i> (Squamata, Viperidae). Bondarenko, Z. S., Zinenko, O. I. 2016. <i>Vestnik Zoologii</i>. 50(1), pp. 65-70.</p>	10	<p>1. Pleistocene extinctions and recent expansions in an anguid lizard of the genus <i>Pseudopus</i>. Jandzik, David; Jablonski, Daniel; Zinenko, Oleksandr; з співавторами. <i>ZOOLOGICA SCRIPTA</i>. 47. 1. 21-32. JAN 2018.</p> <p>2. Evolutionary melting pots: a biodiversity hotspot shaped by ring diversifications around the Black Sea in the Eastern tree frog (<i>Hyla orientalis</i>). Dufresnes, Christophe; Litvinchuk, Spartak N.; Leuenberger, Julien; з співавторами. <i>MOLECULAR ECOLOGY</i>. 25. 17. 4285-4300. SEP 2016.</p> <p>3. Hybrid origin of European Vipers (<i>Vipera magnifica</i> and <i>Vipera orlovi</i>) from the Caucasus determined using genomic scale DNA markers. Zinenko, Oleksandr; Sovic, Michael; Joger, Ulrich; з співавторами. <i>BMC EVOLUTIONARY BIOLOGY</i>. 16. 76. APR 12 2016.</p> <p>4. Rediscovered and critically endangered: <i>Vipera anatolica</i> EISELT & BARAN, 1970, of the western Taurus Mountains (Turkey), with remarks on its ecology. Zinenko, Oleksandr; Avci, Aziz; Spitznberger, Friederike; з співавторами. <i>HERPETOZOA</i>. 28. 3-4. 141-148. JAN 30 2016.</p> <p>5. Geographic variation of life-history traits in the sand lizard, <i>Lacerta agilis</i>: testing Darwin's fecundity-advantage hypothesis. Roitberg, E. S.; Eplanova, G.</p>

				<p>6. Mitochondrial phylogeny shows multiple independent ecological transitions and northern dispersion despite of Pleistocene glaciations in meadow and steppe vipers (<i>Vipera ursinii</i> and <i>Vipera renardi</i>). Zinenko, O., Stümpel, N., Mazanaeva, L., (...), Murphy, R. W., Joger, U. 2015. <i>Molecular Phylogenetics and Evolution</i>. 84, pp. 85-100.</p> <p>7. Geographic variation of life-history traits in the sand lizard, <i>Lacerta agilis</i>: Testing Darwin's fecundity-advantage hypothesis. Roitberg, E. S., Eplanova, G. V., Kotenko, T. I., (...), Zinenko, O. I., Yakovlev, V. A. 2015. <i>Journal of Evolutionary Biology</i>. 28(3), pp. 613-629.</p> <p>8. Variation of Reproductive Traits and Female Body Size in the Most Widely-Ranging Terrestrial Reptile: Testing the Effects of Reproductive Mode, Lineage, and Climate. Roitberg, E. S., Kuranova, V. N., Bulakhova, N. A., (...), Hofmann, S., Yakovlev, V. A. 2013. <i>Evolutionary Biology</i>. 40(3), pp. 420-438.</p> <p>9. Additions to the distribution of <i>Vipera eriwanensis</i> (Serpentes: Viperidae) in Transcaucasia, with comments on the identity of vipers in northeastern Azerbaijan. Kukushkin, O., Iskenderov, T., Axmedov, S., Bunyatova, S., Zinenko, O. 2012. <i>Herpetology Notes</i>. 5, pp. 423-427.</p> <p>10. Molecular data confirm recent fluctuations of northern border of dice snake (<i>Natrix tessellata</i>) range in eastern Europe. Marosi, B., Zinenko, O. I., Ghira, I. V., (...), Sos, T., Popescu, O. 2012. <i>North-Western Journal of Zoology</i>. 8(2), pp. 374-377.</p>		<p>V.; Kotenko, T. I.; з співавторами. <i>JOURNAL OF EVOLUTIONARY BIOLOGY</i>. 28. 3. 613-629. MAR 2015.</p> <p>6. Mitochondrial phylogeny shows multiple independent ecological transitions and northern dispersion despite of Pleistocene glaciations in meadow and steppe vipers (<i>Vipera ursinii</i> and <i>Vipera renardi</i>). Zinenko, Oleksandr; Stümpel, Nikolaus; Mazanaeva, Lyudmila; з співавторами. <i>MOLECULAR PHYLOGENETICS AND EVOLUTION</i>. 84. 85-100. MAR 2015.</p> <p>7. Distribution of the Dione snake <i>Elaphe dione</i> (Reptilia, Colubridae) in Ukraine: Historical aspect and the current state. Tupikov, A. I.; Zinenko, O. I. <i>VISNYK OF DNIPROPETROVSK UNIVERSITY-BIOLOGY ECOLOGY</i>. 23. 2. 91-99. 2015.</p> <p>8. Distribution of the steppe viper <i>Vipera renardi</i> (Reptilia, Viperidae) in Kharkiv region. Tupikov, A. I.; Zinenko, O. I. <i>VISNYK OF DNIPROPETROVSK UNIVERSITY-BIOLOGY ECOLOGY</i>. 23. 2. 172-176. 2015.</p> <p>9. Variation of Reproductive Traits and Female Body Size in the Most Widely-Ranging Terrestrial Reptile: Testing the Effects of Reproductive Mode, Lineage, and Climate. Roitberg, Evgeny S.; Kuranova, Valentina N.; Bulakhova, Nina A.; з співавторами. <i>EVOLUTIONARY BIOLOGY</i>. 40. 3. 420-438. SEP 2013.</p> <p>10. Molecular data confirm recent fluctuations of northern border of dice snake (<i>Natrix tessellata</i>) range in Eastern Europe. Marosi, Bela; Zinenko, Oleksandr I.; Ghira, Ioan V.; з співавторами. <i>NORTH-WESTERN JOURNAL OF ZOOLOGY</i>. 8. 2. 374-377. 121209. DEC 2012.</p>
Біологічний	Мікології і фітоімунології	Акулов Олександр Юрійович	5	<p>1. Do plant-based biogeographical regions shape aphylloroid fungal communities in Europe?. Ordynets, A., Heilmann-Clausen, J., Savchenko, A., (...), Langer, E., Abrego, N. 2018. <i>Journal of Biogeography</i>. 45(5), pp. 1182-1195.</p> <p>2. Fungi and fungus-like organisms of homilsha forests national park, Ukraine. Prylutskiy, O. V., Akulov, O. Yu., Leontyev, D. V., (...), Usichenko, A. S., Savchenko, A. O. 2017. <i>Mycotaxon</i>. 132(3), pp. 1-56.</p> <p>3. Aphylloroid fungi in insular woodlands of eastern Ukraine. Ordynets, A., Savchenko, A., Akulov, A., (...), Larsson, K. -H., Langer, E. 2017. <i>Biodiversity Data Journal</i>. 5,e22426.</p> <p>4. Reassessment of <i>Allantonectria</i>, phylogenetic position of <i>Thyronectroidea</i>, and <i>Thyronectria caraganae</i> sp. nov. Voglmayr, H., Akulov, O. Y., Jaklitsch, W. M. 2016. <i>Mycological Progress</i>. 15(9), pp. 921-937.</p> <p>5. The rare representatives of the genus <i>tremella</i> (Tremellales, Basidiomycota): Intrahymenial fungicolous fungi. Malysheva, V. F., Akulov, A. Yu. 2012. <i>Mikologiya I Fitopatologiya</i>. 46(4), pp. 243-246.</p>	3	<p>1. Do plant-based biogeographical regions shape aphylloroid fungal communities in Europe?. Ordynets, Alexander; Heilmann-Clausen, Jacob; Savchenko, Anton; з співавторами. <i>JOURNAL OF BIOGEOGRAPHY</i>. 45. 5. 1182-1195. MAY 2018.</p> <p>2. Aphylloroid fungi in insular woodlands of eastern Ukraine. Ordynets, Alexander; Savchenko, Anton; Akulov, Alexander; з співавторами. <i>BIODIVERSITY DATA JOURNAL</i>. 5. UNSP e22426. DEC 22 2017.</p> <p>3. Reassessment of <i>Allantonectria</i>, phylogenetic position of <i>Thyronectroidea</i>, and <i>Thyronectria caraganae</i> sp. nov. Voglmayr, Hermann; Akulov, Olexander Yu.; Jaklitsch, Walter M. <i>MYCOLOGICAL PROGRESS</i>. 15. 9. 921-937. SEP 2016.</p>
Біологічний	Зоології і екології тварин	Шабанов Дмитро Андрійович	6	<p>1. Mutual maintenance of di- and triploid <i>Pelophylax esculentus</i> hybrids in R-E systems: Results from artificial crossings experiments. Dedukh, D., Litvinchuk, S., Rosanov, J., Shabanov, D., Krasikova, A. 2017. <i>BMC Evolutionary Biology</i>. 17(1), 220.</p> <p>2. The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine. Polchaninova, N., Savchenko, G., Drovalenko, A., Ronkin, V., Shabanov, D. 2016. <i>Agriculture, Ecosystems and Environment</i>. 234, pp. 65-71.</p> <p>3. Gamete production patterns and mating systems in water frogs of the</p>	8	<p>1. Cytological maps of lampbrush chromosomes of European water frogs (<i>Pelophylax esculentus</i> complex) from the Eastern Ukraine. Dedukh, Dmitry; Mazepa, Glib; Shabanov, Dmitry; з співавторами. <i>BMC GENETICS</i>. 14. 26. APR 16 2013.</p> <p>2. Optional Endoreplication and Selective Elimination of Parental Genomes during Oogenesis in Diploid and Triploid Hybrid European Water Frogs. Dedukh, Dmitry; Litvinchuk, Spartak; Rosanov, Yuriy; з співавторами. <i>PLOS ONE</i>. 10. 4. UNSP e0123304. APR 20 2015.</p> <p>3. Crossing experiments reveal gamete contribution into appearance of di-</p>

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Біологічний	Зоології і екології тварин	Полчанінова Ніна Юріївна	9	<p>1. New data on the spider fauna (Araneae) of Navarre, Spain: Results from the 7th EDGG Field Workshop. Polchaninova, N., García-Mijangos, I., Berastegi, A., Dengler, J., Biurrun, I. 2018. Arachnologische Mitteilungen. 56(1), pp. 17-23.</p> <p>2. An annotated checklist of spiders (Arachnida: Aranei) of the National Nature Park 'Buzkyi Hard' (Mykolaiv Area, Ukraine). Polchaninova, N. Y., Gnelitsa, V. A., Evtushenko, K. V., Singaevsky, E. N. 2017. Arthropoda Selecta. 26(3), pp. 253-272.</p> <p>3. Effect of summer fire on cursorial spider (Aranei) and beetle (Coleoptera) assemblages in meadow steppes of Central European Russia. Polchaninova, N., Tsurikov, M., Atebasov, A. 2016. Hacquetia. 15(2), pp. 113-132.</p> <p>4. The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine. Polchaninova, N., Savchenko, G., Drogvalenko, A., Ronkin, V., Shabanov, D. 2016. Agriculture, Ecosystems and Environment. 234, pp. 65-71.</p> <p>5. A new species of the genus Pulchellodromus Wunderlich, 2012 (Aranei: Philodromidae) from Spain. Kastygina, Z. A., Kovblyuk, M. M., Polchaninova, N. Yu. 2016. Arthropoda Selecta. 25(3), pp. 293-296.</p> <p>6. Recovery of Spider Communities After a Spontaneous Summer Fire in the Forb-Bunchgrass Steppe of Eastern Ukraine. Polchaninova, N. 2015. Hacquetia. 14(1), pp. 79-96.</p> <p>7. Distribution of the Spider Zelotes Azsheganovae (Aranei, Gnaphosidae) on the East European Plain. Evtushenko, K. V., Polchaninova, N. Y., Eshyunin, S. L. 2015. Vestnik Zoologii. 49(4), pp. 305-310.</p>	5	<p>1. An annotated checklist of spiders (Arachnida: Aranei) of the National Nature Park 'Buzkyi Hard' (Mykolaiv Area, Ukraine). Polchaninova, N. Yu.; Gnelitsa, V. A.; Evtushenko, K. V.; з співавторами. ARTHROPODA SELECTA. 26. 3. 253-272. SEP 2017.</p> <p>2. The impact of cattle grazing on cursorial spiders (Aranei) and true bugs (Heteroptera) in steppe gullies of northeastern Ukraine. Polchaninova, Nina; Savchenko, Galina; Drogvalenko, Alexander; з співавторами. AGRICULTURE ECOSYSTEMS & ENVIRONMENT. SI. 65-71. OCT 16 2016.</p> <p>3. A new species of the genus Pulchellodromus Wunderlich, 2012 (Aranei: Philodromidae) from Spain. Kastygina, Zoya A.; Kovblyuk, Mykola M.; Polchaninova, Nina Yu. ARTHROPODA SELECTA. 25. 3. 293-296. SEP 2016..</p> <p>4. PRELIMINARY SURVEY OF THE GROUND-DWELLING ARTHROPODS OF THE FLOOD-PLAIN MEADOWS IN THE SOUTHEAST OF POLTAVA REGION (UKRAINE). Zhuravel, N.; Polchaninova, N.; Lezhenina, I.; з співавторами. BIOLOGICAL BULLETIN OF BOGDAN CHMELNITSKIY MELITOPOL STATE PEDAGOGICAL UNIVERSITY. 6. 3. 4-17. 2016.</p> <p>5. MATERIALS TO THE SPIDER FAUNA (ARANEI) OF THE BYKOVA SHEYA SITE OF THE "GALICH'YA GORA" NATURE RESERVE (LIPETSK REGION, RUSSIA). Polchaninova, N. Yu. BIOLOGICAL BULLETIN OF BOGDAN CHMELNITSKIY MELITOPOL STATE PEDAGOGICAL UNIVERSITY. 6. 3. 25-32. 2016.</p>

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Біологічний	Зоології і екології тварин	Вязовська Ольга Володимирівна	5	<p>1. Correction to: Effects of Intrahippocampal Injections of Melipramin on EEG, Brain Self-Stimulation, and Behavioral Indices of Rats under Conditions of Neurogenic Stress (Neurophysiology, (2018), 50, 1, (23-32), 10. 1007/s11062-018-9713-7). Shevereva, V. M. 2018. Neurophysiology. 50(2), pp. 149.</p> <p>2. Effects of Intrahippocampal Injections of Melipramin on EEG, Brain Self-Stimulation, and Behavioral Indices of Rats under Conditions of Neurogenic Stress. Shevereva, V. M. 2018. Neurophysiology. 50(1), pp. 23-32.</p> <p>3. Changes in the Sphingolipid Content in Tissues and Behavioral Modifications of Rats Subjected to Neurogenic Stress: Role of Sphingomyelinases. Babenko, N. A., Shevereva, V. M., Gar'kavenko, V. V. 2016. Neurophysiology. 48(6), pp. 390-398.</p> <p>4. Effects of Chronic Neurogenic Stress on Behavior of Rats and Contents of Sphingolipids in Their Brain and Peripheral Tissues. Babenko, N. A., Shevereva, V. M., Gar'kavenko, V. V. 2016. Neurophysiology. 48(5), pp. 346-353.</p> <p>5. Peculiarities of Behavior and Emotional Reactions of Old Rats under Conditions of Brain Self-Stimulation Combined with Injections of Melatonin. Shevereva, V. M. 2014. Neurophysiology. 46(6), pp. 471-477.</p>		
Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Нємченко К.Е.	15	<p>1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid ^3He-^4He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Fizika Nizkikh Temperatur</p> <p>2. Comparative Analysis of Tomosynthesis-Based Mammography and Conventional Mammography Morgun, O.N., Nemchenko, K.E. 2018 Biomedical Engineering</p> <p>3. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid ^3He-^4He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Low Temperature Physics</p> <p>4. Heat Transfer in ^3He - ^4He Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 Journal of Low Temperature Physics</p> <p>5. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid ^3He-^4He solutions Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y. 2016 Low Temperature Physics</p> <p>6. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid ^3He-^4He mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur</p> <p>7. Spatial Resolution in Scanning Direction in Detectors Based on Signal Accumulation with Time Delay Kononchuk, R.D., Morgun, O.N., Nemchenko, K.E. 2015 Biomedical Engineering</p> <p>8. Quantitative ratio of heat flows due to second sound to dissipation in superfluid ^3He-^4He mixtures Nemchenko, K., Rogova, S. 2014 Journal of Low Temperature Physics</p> <p>9. Diffusion and thermal diffusion influence on temperature relaxation in superfluid ^3He-^4He mixtures Nemchenko, K., Rogova, S. 2013 Journal of Low</p>	11	<p>1. Dedicated to E.Ya. Rudavskii and IN Adamenko on the occasion of their eightieth birthdays By: Nemchenko, K. E.; Sokolov, S. S. LOW TEMPERATURE PHYSICS Volume: 44 Issue: 10 Pages: 983-984 Published: OCT 2018</p> <p>2. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid He-3-He-4 solution By: Vikhtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu. LOW TEMPERATURE PHYSICS Volume: 44 Issue: 10 Pages: 1066-1069 Published: OCT 2018</p> <p>3. Heat Transfer in - Mixtures in Cylindrical Geometry By: Nemchenko, K.; Rogova, S.; Vikhtinskaya, T. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 187 Issue: 3-4 Pages: 324-330 Published: MAY 2017</p> <p>4. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid He-3-He-4 solutions By: Vihtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu. LOW TEMPERATURE PHYSICS Volume: 42 Issue: 8 Pages: 717-720 Published: AUG 2016</p> <p>5. Quantitative Ratio of Heat Flows Due to Second Sound to Dissipation in Superfluid He-3-He-4 Mixtures By: Nemchenko, K.; Rogova, S. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 175 Issue: 1-2 Pages: 85-90 Published: APR 2014</p> <p>6. Diffusion and Thermal Diffusion Influence on Temperature Relaxation in Superfluid He-3-He-4 Mixtures By: Nemchenko, K.; Rogova, S. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 171 Issue: 3-4 Pages: 187-193 Published: MAY 2013</p> <p>7. RESONANCES IN SYSTEMS WITH TWO DIFFERENT TYPES OF HEAT TRANSFER By: Nemchenko, K.; Rogova, S. MODERN PHYSICS LETTERS B Volume: 26 Issue: 23 Article Number: 1230015 Published:</p>

				<p>Temperature Physics</p> <p>10. Resonances in systems with two different types of heat transfer Nemchenko, K., Rogova, S. 2012 Modern Physics Letters B</p> <p>11. Echo effects on relativistic Landau levels in graphene and bigraphene as a manifestation of the quantum memory Belonenko, M.B., Zhukov, A.V., Nemchenko, K.É., Prabhakar, S., Melnik, R. 2012 Modern Physics Letters B</p> <p>12. Unusual resonances in superfluid ⁴He - metal double-layer system Nemchenko, K.E., Rogova, S.Y. 2012 Problems of Atomic Science and Technology</p> <p>13. Phonons, rotons and riplons at interfaces Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E., Wyatt, A.F.G. 2012 Problems of Atomic Science and Technology</p> <p>14. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Low Temperature Physics</p> <p>15. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Fizika Nizkikh Temperatur</p>		<p>SEP 10 2012</p> <p>8. ECHO EFFECTS ON RELATIVISTIC LANDAU LEVELS IN GRAPHENE AND BIGRAPHENE AS A MANIFESTATION OF THE QUANTUM MEMORY By: Belonenko, Mikhail B.; Zhukov, Alexander V.; Nemchenko, Konstantin E.; et al. MODERN PHYSICS LETTERS B Volume: 26 Issue: 15 Article Number: 1250094 Published: JUN 20 2012</p> <p>9. PHONONS, ROTONS AND RIPPLONS AT INTERFACES By: Tanatarov, I. V.; Adamenko, I. N.; Nemchenko, K. E.; et al. Conference: 3rd International Conference on Quantum Electrodynamics and Statistical Physics (QEDSP) Location: Kharkov Inst Phys & Technol, Natl Sci Ctr, Kharkov, UKRAINE Date: AUG 29-SEP 02, 2011 PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 260-264 Published: 2012</p> <p>10. UNUSUAL RESONANCES IN SUPERFLUID He-4 - METAL DOUBLE-LAYER SYSTEM By: Nemchenko, K. E.; Rogova, S. Yu. Conference: 3rd International Conference on Quantum Electrodynamics and Statistical Physics (QEDSP) Location: Kharkov Inst Phys & Technol, Natl Sci Ctr, Kharkov, UKRAINE Date: AUG 29-SEP 02, 2011 PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 308-310 Published: 2012</p> <p>11. Standing second sound wave in many-layer systems By: Nemchenko, K.; Rogova, S. LOW TEMPERATURE PHYSICS Volume: 38 Issue: 1 Pages: 1-5 Published: JAN 2012</p>
Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Сухов Р.В.	8	<p>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems Dukarov, S.V., Petrushenko, S.I., Sukhov, V.N., Sukhov, R.V. 2018 Functional Materials</p> <p>2. Partial melting and mechanisms of formation and development of fibrous structures during superplastic deformation alloy 6111 Poyda, A.V., Pojda, V.P., Bryukhovetsky, V.V., Milaya, D.E., Sukhov, R.V. 2016 Problems of Atomic Science and Technology</p> <p>3. The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system Kryshthal, A.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, A.A. 2014 Applied Physics A: Materials Science and Processing</p> <p>4. Size dependence of the activation energy of diffusion in multilayer Cu-Ni films Minenkov, A.A., Bogatyrenko, S.I., Sukhov, R.V., Kryshthal, A.P. 2014 Physics of the Solid State</p> <p>5. The influence of magnesium on phase transformations and structural changes performed during superplastic deformation of the alloy 01420T Pojda, V.P., Mila, D.E., Poyda, A.V., Bryukhovetsky, V.V., Sukhov, R.V. 2014 Problems of Atomic Science and Technology</p> <p>6. In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system Kryshthal, O.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, O.O., Taliashvili, A.I. 2014 Metallofizika i Noveishie Tekhnologii</p> <p>7. Partial melting and high-temperature structural superplasticity of alloy AMg2M Pedun, D.E., Pojda, V.P., Bryukhovetsky, V.V., Poyda, A.V., Sukhov, R.V. 2013 Problems of Atomic Science and Technology</p> <p>8. Critical thickness of contact melting in the Au/Ge layered film system Kryshthal, A.P., Sukhov, R.V., Minenkov, A.A. 2012 Journal of Alloys and Compounds</p>	8	<p>1. Crystallization of the fusible component in Ag/Bi/Ag and Ag/Pb/Ag layered film systems By: Dukarov, S., V.; Petrushenko, S., I.; Sukhov, V. N.; et al. FUNCTIONAL MATERIALS Volume: 25 Issue: 3 Pages: 601-607 Published: 2018</p> <p>2. PARTIAL MELTING AND MECHANISMS OF FORMATION AND DEVELOPMENT OF FIBROUS STRUCTURES DURING SUPERPLASTIC DEFORMATION ALLOY 6111 By: Poyda, A. V.; Poyda, V. P.; Bryukhovetsky, V. V.; et al. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 2 Pages: 107-112 Published: 2016</p> <p>3. The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system By: Kryshthal, A. P.; Bogatyrenko, S. I.; Sukhov, R. V.; et al. APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING Volume: 116 Issue: 4 Pages: 1891-1896 Published: SEP 2014</p> <p>4. Size dependence of the activation energy of diffusion in multilayer Cu-Ni films By: Minenkov, A. A.; Bogatyrenko, S. I.; Sukhov, R. V.; et al. PHYSICS OF THE SOLID STATE Volume: 56 Issue: 4 Pages: 823-826 Published: APR 2014</p> <p>5. INFLUENCE OF MAGNESIUM ON PHASE TRANSFORMATIONS AND STRUCTURAL CHANGES CARRIED OUT DURING SUPERPLASTIC DEFORMATION OF THE ALLOY 01420T By: Poyda, V. P.; Milaya, D. E.; Poyda, A. V.; et al. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 4 Pages: 139-146 Published: 2014</p> <p>6. Structural changes during superplastic deformation of high-strength alloy 1933 of the Al-Mg-Zn-Cu-Zr system By: Poida, V. P.; Pedun, D. E.; Bryukhovetskii, V. V.; et al. PHYSICS OF METALS AND METALLOGRAPHY Volume: 114 Issue: 9 Pages: 779-788 Published: SEP 2013</p>

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Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Рогова С.Ю.	11	<p>1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid ^3He-^4He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Fizika Nizkikh Temperatur</p> <p>2. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid ^3He-^4He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Low Temperature Physics</p> <p>3. Heat Transfer in ^3He - ^4He Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 Journal of Low Temperature Physics</p> <p>4. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid ^3He-^4He solutions Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y. 2016 Low Temperature Physics</p> <p>5. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid ^3He-^4He mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur</p> <p>6. Quantitative ratio of heat flows due to second sound to dissipation in superfluid ^3He-^4He mixtures Nemchenko, K., Rogova, S. 2014 Journal of Low Temperature Physics</p> <p>7. Diffusion and thermal diffusion influence on temperature relaxation in superfluid ^3He-^4He mixtures Nemchenko, K., Rogova, S. 2013 Journal of Low Temperature Physics</p> <p>8. Resonances in systems with two different types of heat transfer Nemchenko, K., Rogova, S. 2012 Modern Physics Letters B</p> <p>9. Unusual resonances in superfluid ^4He - metal double-layer system Nemchenko, K.E., Rogova, S.Y. 2012 Problems of Atomic Science and Technology</p> <p>10. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Low Temperature Physics</p> <p>11. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Fizika Nizkikh Temperatur</p>	8	<p>1. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid He-3-He-4 solution By: Vikhtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu LOW TEMPERATURE PHYSICS Volume: 44 Issue: 10 Pages: 1066-1069 Published: OCT 2018</p> <p>2. Heat Transfer in - Mixtures in Cylindrical Geometry By: Nemchenko, K.; Rogova, S.; Vikhtinskaya, T. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 187 Issue: 3-4 Pages: 324-330 Published: MAY 2017</p> <p>3. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid He-3-He-4 solutions By: Vihtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu. LOW TEMPERATURE PHYSICS Volume: 42 Issue: 8 Pages: 717-720 Published: AUG 2016</p> <p>4. Quantitative Ratio of Heat Flows Due to Second Sound to Dissipation in Superfluid He-3-He-4 Mixtures By: Nemchenko, K.; Rogova, S. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 175 Issue: 1-2 Pages: 85-90 Published: APR 2014</p> <p>5. Diffusion and Thermal Diffusion Influence on Temperature Relaxation in Superfluid He-3-He-4 Mixtures By: Nemchenko, K.; Rogova, S. JOURNAL OF LOW TEMPERATURE PHYSICS Volume: 171 Issue: 3-4 Pages: 187-193 Published: MAY 2013</p> <p>6. RESONANCES IN SYSTEMS WITH TWO DIFFERENT TYPES OF HEAT TRANSFER By: Nemchenko, K.; Rogova, S. MODERN PHYSICS LETTERS B Volume: 26 Issue: 23 Article Number: 1230015 Published: SEP 10 2012</p> <p>7. UNUSUAL RESONANCES IN SUPERFLUID He-4 - METAL DOUBLE-LAYER SYSTEM By: Nemchenko, K. E.; Rogova, S. Yu. Conference: 3rd International Conference on Quantum Electrodynamics and Statistical Physics (QEDSP) Location: Kharkov Inst Phys & Technol, Natl Sci Ctr, Kharkov, UKRAINE Date: AUG 29-SEP 02, 2011 PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 308-310 Published: 2012</p> <p>8. Standing second sound wave in many-layer systems By: Nemchenko, K.; Rogova, S. LOW TEMPERATURE PHYSICS Volume: 38 Issue: 1 Pages: 1-5 Published: JAN 2012</p>
Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних	Віхтінська Т.Г.	5	<p>1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid ^3He-^4He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Fizika Nizkikh Temperatur</p> <p>2. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid ^3He-^4He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Low Temperature Physics</p>	3	<p>1. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid He-3-He-4 solution By: Vikhtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu LOW TEMPERATURE PHYSICS Volume: 44 Issue: 10 Pages: 1066-1069 Published: OCT 2018</p> <p>2. Heat Transfer in - Mixtures in Cylindrical Geometry By: Nemchenko, K.; Rogova, S.; Vikhtinskaya, T. JOURNAL OF LOW TEMPERATURE PHYSICS</p>

	системах			<p>3. Heat Transfer in $^3\text{He} - ^4\text{He}$ Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 Journal of Low Temperature Physics</p> <p>4. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid $^3\text{He} - ^4\text{He}$ solutions Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y. 2016 Low Temperature Physics</p> <p>5. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid $^3\text{He} - ^4\text{He}$ mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur</p>		<p>Volume: 187 Issue: 3-4 Pages: 324-330 Published: MAY 2017</p> <p>3. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid He-3-He-4 solutions By: Vihtinskaya, T. G.; Nemchenko, K. E.; Rogova, S. Yu. LOW TEMPERATURE PHYSICS Volume: 42 Issue: 8 Pages: 717-720 Published: AUG 2016</p>
Фізико-енергетичний	Фізика нетрадиційних енерготехнологій та екології;	Марущенко І.М.	6	<p>1. Relativistic neoclassical transport coefficients with momentum correction Marushchenko, I., Azarenkov, N.A. 2017 Problems of Atomic Science and Technology</p> <p>2. Relativistic effects in electron neoclassical transport Marushchenko, I., Azarenkov, N.A. 2015 Problems of Atomic Science and Technology</p> <p>3. Relativistic mono-energetic transport coefficients in hot plasmas Marushchenko, I.N., Azarenkov, N.A. 2013 Problems of Atomic Science and Technology</p> <p>4. Relativistic neoclassical radial fluxes in the $1/\nu$ regime Marushchenko, I., Azarenkov, N.A., Marushchenko, N.B. 2013 Plasma Physics and Controlled Fusion</p> <p>5. Marushchenko, I.N., Azarenkov, N.A., Marushchenko, N.B. Relativistic neoclassical fluxes in hot plasmas 2013 Problems of Atomic Science and Technology</p> <p>6. Marushchenko, I., Azarenkov, N.A., Marushchenko, N.B. On stability of collisional coupling between relativistic electrons and ions in hot plasmas 2012 Physics of Plasmas</p>	6	<p>1. RELATIVISTIC NEOCLASSICAL TRANSPORT COEFFICIENTS WITH MOMENTUM CORRECTION By: Marushchenko, I.; Azarenkov, N. A. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 92-95 Published: 2017</p> <p>2. RELATIVISTIC EFFECTS IN ELECTRON NEOCLASSICAL TRANSPORT By: Marushchenko, I.; Azarenkov, N. A. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 37-40 Published: 2015</p> <p>3. Relativistic neoclassical radial fluxes in the $1/\nu$ regime By: Marushchenko, I.; Azarenkov, N. A.; Marushchenko, N. B. PLASMA PHYSICS AND CONTROLLED FUSION Volume: 55 Issue: 8 Article Number: 085005 Published: AUG 2013</p> <p>4. RELATIVISTIC MONO ENERGETIC TRANSPORT COEFFICIENTS IN HOT PLASMAS By: Marushchenko, I. N.; Azarenkov, N. A. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 4 Pages: 112-114 Published: 2013</p> <p>5. RELATIVISTIC NEOCLASSICAL FLUXES IN HOT PLASMAS By: Marushchenko, I. N.; Azarenkov, N. A.; Marushchenko, N. B. PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY Issue: 1 Pages: 67-69 Published: 2013</p> <p>6. On stability of collisional coupling between relativistic electrons and ions in hot plasmas By: Marushchenko, I.; Azarenkov, N. A.; Marushchenko, N. B. PHYSICS OF PLASMAS Volume: 19 Issue: 11 Article Number: 112109 Published: NOV 2012</p>
НДІ хімії	Фізичної хімії і електрохімії розчинів	Цурко Олена Миколаївна	7	<p>1. Thermodynamic Properties of L-Aspartates of Alkali and Alkali-Earth Metals in Aqueous Solutions at 298.15 and 310.15 K and Specific Cation Effects on Biomolecule Solvation Tsurko, E.N., Neueder, R., Kunz, W. 2018 Journal of Solution Chemistry 47(4), c. 727-748</p> <p>2. Cation Effect on the Water Activity of Ternary (S)-Aminobutanedioic Acid Magnesium Salt Solutions at 298.15 and 310.15 K Held, C., Tsurko, E.N., Neueder, R., Sadowski, G., Kunz, W. 2016 Journal of Chemical and Engineering Data 61(9), c. 3190-3199</p> <p>3. Osmotic Coefficients of Two Amino Acid Magnesium Salts at 298.15 and 310.15 K Tsurko, E.N., Neueder, R., Kunz, W. 2016 Journal of Solution Chemistry 45(2), c. 313-324</p> <p>4. Anion effect on glutamate solutions at 298.15 and 310.15 K as deduced from vapor pressure measurements Tsurko, E.N., Neueder, R., Kunz, W. 2015 Journal of Molecular Liquids 205, c. 119-122</p> <p>5. Thermodynamic Analysis of Dissociation Functions of Valine at 293.15-</p>	8	<p>1. Thermodynamic Properties of L-Aspartates of Alkali and Alkali-Earth Metals in Aqueous Solutions at 298.15 and 310.15 K and Specific Cation Effects on Biomolecule Solvation Автор.: Tsurko, Elena N.; Neueder, Roland; Kunz, Werner JOURNAL OF SOLUTION CHEMISTRY Том: 47 Выпуск: 4 Стр.: 727-748 Опубликовано: APR 2018</p> <p>2. Cation Effect on the Water Activity of Ternary (S)-Aminobutanedioic Acid Magnesium Salt Solutions at 298.15 and 310.15 K Автор.: Held, Christoph; Tsurko, Elena N.; Neueder, Roland; с соавторами. JOURNAL OF CHEMICAL AND ENGINEERING DATA Том: 61 Выпуск: 9 Стр.: 3190-3199 Опубликовано: SEP 2016</p> <p>3. Osmotic Coefficients of Two Amino Acid Magnesium Salts at 298.15 and 310.15 K Автор.: Tsurko, Elena N.; Neueder, Roland; Kunz, Werner JOURNAL OF SOLUTION CHEMISTRY Том: 45 Выпуск: 2 Стр.: 313-324 Опубликовано: FEB 2016</p> <p>4. Anion effect on glutamate solutions at 298.15 and 310.15 K as deduced</p>

				<p>318.15 K in Ethanol-Water Mixtures Tsurko, E.N. 2014 Journal of Solution Chemistry 43(8), c. 1313-1330</p> <p>6. Thermodynamics of the dissociation processes of beta-alanine in ethanol-water mixtures at temperatures from 293.15 K to 318.15 K Tsurko, E.N., Kuchtenko, Y.S. 2014 Journal of Molecular Liquids 189, c. 95-99</p> <p>7. Activity of water and osmotic coefficients for two- and three-basic amino acid ternary solutions Tsurko, E.N., Neueder, R., Kunz, W. 2012 Journal of Chemical and Engineering Data 57(11), c. 3123-3127</p>		<p>from vapor pressure measurements Автор.: Tsurko, Elena N.; Neueder, Roland; Kunz, Werner JOURNAL OF MOLECULAR LIQUIDS Том: 205 Специальный выпуск: SI Стр.: 119-122 Опубликовано: MAY 2015</p> <p>5. Osmotic Coefficients and Activity Coefficients in Aqueous Aminoethanoic Acid-NaCl Mixtures at 298.15 K Автор.: Tsurko, Elena N.; Neueder, Roland; Mueller, Rainer; с соавторами. JOURNAL OF CHEMICAL AND ENGINEERING DATA Том: 59 Выпуск: 9 Стр.: 2741-2749 Опубликовано: SEP 2014</p> <p>6. Thermodynamic Analysis of Dissociation Functions of Valine at 293.15-318.15 K in Ethanol-Water Mixtures Автор.: Tsurko, E. N. JOURNAL OF SOLUTION CHEMISTRY Том: 43 Выпуск: 8 Стр.: 1313-1330 Опубликовано: AUG 2014</p> <p>7. Thermodynamics of the dissociation processes of beta-alanine in ethanol-water mixtures at temperatures from 293.15 K to 318.15 K Автор.: Tsurko, E. N.; Kuchtenko, Yu. S. JOURNAL OF MOLECULAR LIQUIDS Том: 189 Специальный выпуск: SI Стр.: 95-99 Опубликовано: JAN 2014</p> <p>8. Activity of Water and Osmotic Coefficients for Two- and Three-Basic Amino Acid Ternary Solutions Автор.: Tsurko, Elena N.; Neueder, Roland; Kunz, Werner JOURNAL OF CHEMICAL AND ENGINEERING DATA Том: 57 Выпуск: 11 Стр.: 3123-3127 Опубликовано: NOV 2012</p>
Хімічний	Фізичної хімії	Мchedlov-Петросьян Никола Отарович	38	<p>1. Mchedlov-Petrossyan, N.O., Steinbach, K., Vodolazkaya, N.A., Samoylov, D.V., Shekhovtsov, S.V., Omelchenko, I.V., Shishkin, O.V. The molecular structure of anionic species of 2,4,5,7-tetranitrofluorescein as studied by electrospray ionisation, nuclear magnetic resonance and X-ray techniques (2018) Coloration Technology, 134 (5), pp. 390-399. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050683501&doi=10.1111%2fcote.12351&partnerID=40&md5=958ff4ae83c268a47ff5ce3f056894d8DOI: 10.1111/cote.12351</p> <p>2. Mchedlov-Petrossyan, N.O., Farafonov, V.S., Lebed, A.V. Examining surfactant micelles via acid-base indicators: Revisiting the pioneering Hartley-Roe 1940 study by molecular dynamics modeling (2018) Journal of Molecular Liquids, 264, pp. 683-690. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047620437&doi=10.1016%2fj.molliq.2018.05.076&partnerID=40&md5=fc6747f6273c2e7ab0ee088a75152bbb DOI: 10.1016/j.molliq.2018.05.076</p> <p>3. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrossyan, N.O. Solvatochromic betaine dyes of different hydrophobicity in ionic surfactant micelles: Molecular dynamics modeling of location character (2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 583-592. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034734251&doi=10.1016%2fj.colsurfa.2017.11.046&partnerID=40&md5=05d4049485fd75040b48a88ecd6945e1DOI: 10.1016/j.colsurfa.2017.11.046</p> <p>4. Mchedlov-Petrossyan, N.O. The Davies equation of state of ionic surfactant adsorbed monolayer and related problems (2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 537, pp. 325-333. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032864321&doi=10.1016%2fj.colsurfa.2017.10.030&partnerID=40&md5=ba7efde80fbcc59fe1eba26022dbecf8 DOI: 10.1016/j.colsurfa.2017.10.030</p> <p>5. Farafonov, V.S., Lebed, A.V., Mchedlov-Petrossyan, N.O. Examining solvatochromic Reichardt's dye in cationic micelles of different</p>	36	<p>1. Mchedlov-Petrossyan, NO; Steinbach, K; Vodolazkaya, NA; Samoylov, DV; Shekhovtsov, SV; Omelchenko, IV; Shishkin, OV. The molecular structure of anionic species of 2,4,5,7-tetranitrofluorescein as studied by electrospray ionisation, nuclear magnetic resonance and X-ray techniques. COLORATION TECHNOLOGY, 2018, 399 10.1111/cote.12351</p> <p>2. Mchedlov-Petrossyan, NO; Farafonov, VS; Lebed, AV. Examining surfactant micelles via acid-base indicators: Revisiting the pioneering Hartley-Roe 1940 study by molecular dynamics modeling. JOURNAL OF MOLECULAR LIQUIDS, 2018, 264, 683 10.1016/j.molliq.2018.05.076</p> <p>3. Farafonov, VS; Lebed, AV; Mchedlov-Petrossyan, NO. Solvatochromic betaine dyes of different hydrophobicity in ionic surfactant micelles: Molecular dynamics modeling of location character. COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, 2018, 538, 583. 10.1016/j.colsurfa.2017.11.046</p> <p>4. Mchedlov-Petrossyan, Nikolay O. The Davies equation of state of ionic surfactant adsorbed monolayer and related problems. COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, 2018, 537, 325, 10.1016/j.colsurfa.2017.10.030</p> <p>5. Kamneva, NN; Tkachenko, VV; Mchedlov-Petrossyan, NO; Marynin, AI; Ukrainets, AI; Malysheva, ML; Osawa, E. Interfacial Electrical Properties of Nanodiamond Colloidal Species in Aqueous Medium as Examined by Acid-Base Indicator Dyes. SURFACE ENGINEERING AND APPLIED ELECTROCHEMISTRY, 2018, 54, 64. 10.3103/S1068375518010088</p> <p>6. Farafonov, VS; Lebed, AV; Mchedlov-Petrossyan, NO. Character of Localization and Microenvironment of Solvatochromic Reichardt's Betaine Dye in Sodium n-Dodecyl Sulfate and Cetyltrimethylammonium Bromide Micelles: Molecular Dynamics Simulation Study. LANGMUIR, 2017, 33, 8342, 10.1021/acs.langmuir.7b01737</p> <p>7. Kharchenko, AY; Moskaeva, OG; Klochaniuk, OR; Marfunin, MO;</p>

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Хімічний	Хімічного матеріалознавства	Рошаль Олександр Давидович	31	<p>1. Ponomarev, O.A., Sanin, E.V., Chepeleva, L.V., Roshal, A.D. Electronic absorption spectra and fluorescent properties of non-associated 16,17-bis(alkoxy)violanthrone dyes and their dependence on the nature of substituent and solvent's parameters(2018) Dyes and Pigments, 156, pp. 45-52. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044968799&doi=10.1016%2fj.dyepig.2018.03.068&partnerID=40&md5=3499f4c106e17540d75305a0bcd901d9DOI: 10.1016/j.dyepig.2018.03.068</p> <p>2. Serdiuk, I.E., Wera, M., Roshal, A.D. Structural and Spectral Features of 4'-Substituted 2'-Hydroxychalcones in Solutions and Crystals: Spectroscopic and Theoretical Investigations(2018) Journal of Physical Chemistry A, 122 (8), pp. 2030-2038. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042756071&doi=10.1021%2facsc.jpca.7b10361&partnerID=40&md5=cc9557d2ee5c70eb6e81989c904e1644DOI: 10.1021/acs.jpca.7b10361</p> <p>3. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., Chepesh, T.A., Roshal, A.D., Zibarov, A.M., Shestopalova, A.V., Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures(2018) Radiation Physics and Chemistry, 144, pp. 231-237. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028363619&doi=10.1016%2fj.radphyschem.2017.08.019&partnerID=40&md5=a723bbe4849f070cb42825573bd7934c DOI: 10.1016/j.radphyschem.2017.08.019</p> <p>4. Serdiuk, I.E., Roshal, A.D. Exploring double proton transfer: A review on photochemical features of compounds with two proton-transfer sites(2017) Dyes and Pigments, 138, pp. 223-244. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84999269031&doi=10.1016%2fj.dyepig.2016.11.028&partnerID=40&md5=f2e93f35d6b07fd42d9dbb47082ca5fc DOI: 10.1016/j.dyepig.2016.11.028</p> <p>5. Mishurov, D., Voronkin, A., Roshal, A., Bogatyrenko, S. Influence of structure 3,5,7,3',4'-Pentahydroxyflavone-based polymer films on their optical transparency(2017) Optical Materials, 64, pp. 166-170. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006120524&doi=10.1016%2fj.optmat.2016.12.004&partnerID=40&md5=9265ea88113b1a2957cfc4ce141938b4DOI: 10.1016/j.optmat.2016.12.004</p> <p>6. Mishurov, D., Roshal, O., Brovko, O. Influence of residual solvent on</p>	31	<p>1. Electronic absorption spectra and fluorescent properties of non-associated 16,17-bis(alkoxy)violanthrone dyes and their dependence on the nature of substituent and solvent's parameters Автор.: Ponomarev, O. A.; Sanin, E., V.; Chepeleva, L., V; с соавторами. DYES AND PIGMENTS Том: 156 Стр.: 45-52 Опубликовано: SEP 2018</p> <p>2. Structural and Spectral Features of 4'-Substituted 2'-Hydroxychalcones in Solutions and Crystals: Spectroscopic and Theoretical Investigations Автор.: Serdiuk, Illia E.; Wera, Michal; Roshal, Alexander D. JOURNAL OF PHYSICAL CHEMISTRY A Том: 122 Выпуск: 8 Стр.: 2030-2038 Опубликовано: MAR 1 2018</p> <p>3. Growth peculiarities of doped lithium dihydrogen phosphate single crystals from nonstoichiometric solution Автор.: Iurchenko, A. N.; Voronov, A. P.; Roshal, A. D.; с соавторами. FUNCTIONAL MATERIALS Том: 24 Выпуск: 2 Стр.: 226-236 Опубликовано: 2017</p> <p>4. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures Автор.: Glibitskiy, Dmitriy M.; Gorobchenko, Olga A.; Nikolov, Oleg T.; с соавторами. RADIATION PHYSICS AND CHEMISTRY Том: 144 Стр.: 231-237 Опубликовано: MAR 2018</p> <p>5. Type tests of switches for the ITER coil power supply system Автор.: Manzuk, M.; Roshal, A.; Bestuzhev, K.; с соавторами. Конференция: 29th Symposium on Fusion Technology (SOFT) Местоположение: Prague, CZECH REPUBLIC публ.: SEP 05-09, 2016 FUSION ENGINEERING AND DESIGN Том: 124 Стр.: 35-39 Опубликовано: NOV 2017</p> <p>6. Energy dissipating resistors for the ITER switching network units Автор.: Enikeev, R.; Roshal, A.; Sapozhnikov, K.; с соавторами. Конференция: 29th Symposium on Fusion Technology (SOFT) Местоположение: Prague, CZECH REPUBLIC публ.: SEP 05-09, 2016 FUSION ENGINEERING AND DESIGN Том: 124 Стр.: 137-140 Опубликовано: NOV 2017</p> <p>7. Fluorescence of aminofluoresceins as an indicative process allowing one to distinguish between micelles of cationic surfactants and micelle-like aggregates Автор.: Mchedlov-Petrosyan, Nikolay O.; Chepesh, Tatiana A.; Roshal, Alexander D.; с соавторами. METHODS AND APPLICATIONS IN FLUORESCENCE Том: 4 Выпуск: 3 Номер статьи: 034002 Опубликовано: SEP 2016</p>

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D. <i>DYES AND PIGMENTS</i> Том: 138 Стр.: 223-244 Опубликовано: MAR 2017</p> <p>10. Optical properties and component composition of layers of cyanine dyes on dielectric supports: influence of asymmetry of the molecular electron density distribution Автор:: Kaliteevskaya, Elena; Krutyakova, Valentina; Razumova, Tatiana; с соавторами. <i>OPTICAL AND QUANTUM ELECTRONICS</i> Том: 49 Выпуск: 1 Номер статьи: 32 Опубликовано: JAN 2017</p> <p>11. Origin of Spectral Features and Acid-Base Properties of 3,7-Dihydroxyflavone and Its Monofunctional Derivatives in the Ground and Excited States Автор:: Serdiuk, Illia E.; Roshal, Alexander D.; Błazejowski, Jerzy <i>JOURNAL OF PHYSICAL CHEMISTRY A</i> Том: 120 Выпуск: 25 Стр.: 4325-4337 Опубликовано: JUN 30 2016</p> <p>12. Relaxation behavior and nonlinear properties of thermally stable polymers based on glycidyl derivatives of quercetin Автор:: Mishurov, Dmytro; Voronkin, Andrii; Roshal, Alexander; с соавторами. <i>OPTICAL MATERIALS</i> Том: 57 Стр.: 179-184 Опубликовано: JUL 2016</p> <p>13. Flavonol-based fluorescent indicator for determination of beta-glucosidase activity Автор:: Serdiuk, Illia E.; Reszka, Milena; Myszk, Henryk; с соавторами. <i>RSC ADVANCES</i> Том: 6 Выпуск: 48 Стр.: 42532-42536 Опубликовано: 2016</p> <p>14. Global and local interactions in the structure of crystalline 7-(diethylamino)-2-(2-oxo-2H-chromen-3-yl)chromenium perchlorate Автор:: Zadykowicz, Beata; Wera, Michal; Sanin, Edward V.; с соавторами. <i>STRUCTURAL CHEMISTRY</i> Том: 27 Выпуск: 2 Стр.: 637-649 Опубликовано: APR 2016</p> <p>15. Synthesis, molecular structure and optical properties of glycidyl derivatives of quercetin Автор:: Mishurov, Dmitry A.; Voronkin, Andrey A.; Roshal, Alexander D. <i>STRUCTURAL CHEMISTRY</i> Том: 27 Выпуск: 1 Специальный выпуск: SI Стр.: 285-294 Опубликовано: FEB 2016</p> <p>16. 7-Hydroxyflavone Revisited. 2. Substitution Effect on Spectral and Acid-Base Properties in the Ground and Excited States Автор:: Serdiuk, Illia E.; Roshal, Alexander D. <i>JOURNAL OF PHYSICAL CHEMISTRY A</i> Том: 119 Выпуск: 51 Стр.: 12672-12685 Опубликовано: DEC 24 2015</p> <p>17. Single and double intramolecular proton transfers in the electronically excited state of flavone derivatives Автор:: Serdiuk, I. E.; Roshal, A. D. <i>RSC ADVANCES</i> Том: 5 Выпуск: 124 Стр.: 102191-102203 Опубликовано: 2015</p> <p>18. Numerical study for optimization of the air cooling system for the Fast Discharge Resistors protecting the ITER magnets Автор:: Tanchuk, Victor; Grigoriev, Sergey; Lokiev, Vladimir; с соавторами. Конференция: 28th Symposium on Fusion Technology (SOFT) Место: San Sebastian, SPAIN публ.: SEP 29-OCT 03, 2014 <i>FUSION ENGINEERING AND DESIGN</i> Том: 98-99 Стр.: 1169-1175 Часть: B Опубликовано: OCT 2015</p> <p>19. Second-order Polarizability and Temporal Stability of Epoxy Polymers</p>
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Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution Автор: Glibitskiy, Gennadiy; Glibitskiy, Dmitriy; Gorobchenko, Olga; с соавторами. NANOSCALE RESEARCH LETTERS Том: 10 Номер статьи: 155 Опубликовано: MAR 28 2015</p> <p>21. Influence of the rigidity of the steroid core in the structure of chiral dopants on the temperature dependence of cholesteric short pitch Автор: Shkolnikova, Nataliya; Yaremenko, Fedor; Sheshenko, Zhanna; с соавторами. DISPLAYS Том: 36 Стр.: 34-40 Опубликовано: JAN 2015</p> <p>22. Influence of thallium and salicylic acid impurities as well as of the solution stoichiometry on the growth kinetics of prismatic ADP crystal faces Автор: Voronov, A. P.; Babenko, G. N.; Puzikov, V. M.; с соавторами. JOURNAL OF CRYSTAL GROWTH Том: 415 Стр.: 100-105 Опубликовано: APR 1 2015</p> <p>23. DC Busbars for the ITER Power Supply System: Features and Challenges Автор: Milani, F.; Chiron, J.; Roshal, A.; с соавторами. Конференция: 26th IEEE Symposium on Fusion Engineering (SOFE) collocated with the 20th IEEE Pulsed Power Conference (PPC) Местоположение: Austin, TX публ.: MAY 31-JUN 04, 2015 2015 IEEE 26TH SYMPOSIUM ON FUSION ENGINEERING (SOFE) Опубликовано: 2015</p> <p>24. Photochromic and Thermochromic Spirans 41*. Quantum-Chemical Study of the Geometry and Electronic Structure of 1,3,3-Trimethyl-1',2'-Diphenylspiro[Indoline-2,7'-Furo[3,2-f]Chromene] in the Ground and Excited States Автор: Chepeleva, L. V.; Roshal, A. D.; Lukyanov, B. S.; с соавторами. CHEMISTRY OF HETEROCYCLIC COMPOUNDS Том: 50 Выпуск: 3 Стр.: 364-370 Опубликовано: JUN 2014</p> <p>25. Quantum-Chemical Investigation of the Structure and Spectral Characteristics of 2-(3-Coumaroyl)Benzopyrylium Cations Автор: Sanin, E. V.; Novikov, A. I.; Roshal, A. D. CHEMISTRY OF HETEROCYCLIC COMPOUNDS Том: 50 Выпуск: 3 Стр.: 371-378 Опубликовано: JUN 2014</p> <p>26. Quantum-Chemical Analysis of the Algar-Flynn-Oyamada Reaction Mechanism Автор: Serdiuk, I. E.; Roshal, A. D.; Blazejowski, J. CHEMISTRY OF HETEROCYCLIC COMPOUNDS Том: 50 Выпуск: 3 Стр.: 396-403 Опубликовано: JUN 2014</p> <p>27. 7-Hydroxyflavone Revisited: Spectral, Acid-Base Properties, and Interplay of the Protolytic Forms in the Ground and Excited States Автор: Serdiuk, Illia E.; Varenikov, Andrii S.; Roshal, Alexander D. JOURNAL OF PHYSICAL CHEMISTRY A Том: 118 Выпуск: 17 Стр.: 3068-3080 Опубликовано: MAY 1 2014</p> <p>28. Structure, tautomerism, and features of 1-(5-acetyl-2,4-dihydroxyphenyl)-3-(furan-2-yl)prop-2-en-1-one (FC) and 1,1'-(4,6-dihydroxybenzene-1,3-diyl)bis[3-(furan-2-yl)prop-2-en-1-one] (FDC) Автор: Wera, Michal; Chalyi, Andriy G.; Roshal, Alexander D.; с соавторами. STRUCTURAL CHEMISTRY Том: 25 Выпуск: 3 Стр.: 969-977 Опубликовано: JUN 2014</p> <p>29. Tautomerism and Behavior of 3-Hydroxy-2-phenyl-4H-chromen-4-ones</p>
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Хімічний	Органічної хімії	Колос Надія Миколаївна	9	<p>1. Chechina, N.V., Kolos, N.N., Omelchenko, I.V., Musatov, V.I. Synthesis of functionalized triazolo[1,5-a]pyrimidine derivatives(2018) Chemistry of Heterocyclic Compounds, 54 (1), pp. 58-62. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042211560&doi=10.1007%2fs10593-018-2230-1&partnerID=40&md5=44b72f30b78f2ff978cc4b71857304fDOI: 10.1007/s10593-018-2230-1</p> <p>2. Beryozkina, T.V., Kolos, N.N., Bakulev, V.A. Multicomponent and domino reactions of 3-arylacrylic acids in the synthesis of heterocycles(2016) Chemistry of Heterocyclic Compounds, 52 (9), pp. 651-657. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84994410754&doi=10.1007%2fs10593-016-1945-0&partnerID=40&md5=1a065057cb14cbafa8c2da767f476f9cDOI: 10.1007/s10593-016-1945-0</p> <p>3. Kolos, N.N., Zubar, V.V., Omelchenko, I.V., Musatov, V.I. Three-component synthesis of tetrasubstituted pyrroles by condensation with amines and arylglyoxals(2016) Chemistry of Heterocyclic Compounds, 52 (4), pp. 237-243. https://www.scopus.com/inward/record.uri?eid=2-s2.0-84969962175&doi=10.1007%2fs10593-016-1869-8&partnerID=40&md5=f3022e99434dddf51c789f8cfad7b68</p>	9	<p>1. Chechina, NV; Kolos, NN; Omelchenko, IV; Musatov, VI" Synthesis of functionalized triazolo[1,5-a]pyrimidine derivatives. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2018, 54, 58, 10.1007/s10593-018-2230-1.</p> <p>2. Beryozkina, TV; Kolos, NN; Bakulev, VA. Multicomponent and domino reactions of 3-arylacrylic acids in the synthesis of heterocycles. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2016, 52, 651, 10.1007/s10593-016-1945-0.</p> <p>3. Kolos, NN; Zubar, VV; Omelchenko, IV; Musatov, VI. Three-component synthesis of tetrasubstituted pyrroles by condensation with amines and arylglyoxals. CHEMISTRY OF HETEROCYCLIC COMPOUNDS, 2016, 52, 237, 10.1007/s10593-016-1869-8.</p> <p>4. Kolos, NN; Kibkalo, BV; Zamigaylo, LL; Omelchenko, IV; Shishkin, OV. One-pot synthesis of imidazo[1,2-b]pyrazole derivatives. RUSSIAN CHEMICAL BULLETIN, 2015, 64, 864, 10.1007/s11172-015-0946-y.</p> <p>5. Chechina, NV; Kravchuk, OF; Omelchenko, IV; Shishkin, OV; Kolos, NN. The synthesis of novel hexahydrodibenzo[b,e][1,4]diazepin-1-one derivatives. ARKIVOC, 2015, 77, 10.3998/ark.5550190.p009.195.</p> <p>6. Chechina, NV; Zubar, VV; Omelchenko, IV; Kolos, NN. One-pot synthesis of new derivatives of 3,4-dihydropyrimidinone, and substituted imidazolin-2-ones. ARKIVOC, 2015, 293, 10.3998/ark.5550190.p009.324.</p>

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Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride(2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170. https://www.scopus.com/inward/record.uri?eid=2-s2.0-</p>	9	<p>1. Onizhuk, M.O., Tkachenko, O.S., Panteleimonov, A.V., Varchenko, V.V., Belikov, K., Kholin, Y.V. Electrochemical oxidation of quercetin in aqueous and ethanol-water media with the use of graphite/chemically modified silica ceramic electrode(2018) Ionics, 24 (6), pp. 1755-1764. DOI: 10.1007/s11581-017-2320-6</p> <p>2. Onizhuk, M.O., Panteleimonov, A.V., Kholin, Y.V., Ivanov, V.V. Dissociation Constants of Silanol Groups of Silic Acids: Quantum Chemical Estimations(2018) Journal of Structural Chemistry, 59 (2), pp. 261-271. DOI: 10.1134/S0022476618020026</p> <p>3. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. 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Хімічний	Хімічного матеріалознавства	Хрістенко Інна Василівна	5	<p>1. Krasnopyorova, A.P., Khristenko, I.V., Yuhno, G.D., Ostapenko, E.V., Levishko, A.S. Sorption properties of hybrid organic-silica material towards ¹³⁷Cs, ⁹⁰Sr and ⁹⁰Y radionuclides(2018) Adsorption Science and Technology, 36 (3-4), pp. 851-856. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046714363&doi=10.1177%2f0263617417747469&partnerID=40&md5=617c4606f13c550b07597a095c262592DOI: 10.1177/0263617417747469</p> <p>2. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033381920&doi=10.1016%2fj.colsurfa.2017.11.018&partnerID=40&md5=66c0a5ab8a1d0c7e6840537aa3904097DOI: 10.1016/j.colsurfa.2017.11.018</p> <p>3. Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V. Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride(2015)</p>	5	<p>1. Krasnopyorova, A.P., Khristenko, I.V., Yuhno, G.D., Ostapenko, E.V., Levishko, A.S. Sorption properties of hybrid organic-silica material towards ¹³⁷Cs, ⁹⁰Sr and ⁹⁰Y radionuclides(2018) Adsorption Science and Technology, 36 (3-4), pp. 851-856. DOI: 10.1177/0263617417747469</p> <p>2. Khristenko, I.V., Panteleimonov, A.V., Iliashenko, R.Y., Doroshenko, A.O., Ivanov, V.V., Tkachenko, O.S., Benvenuti, E.V., Kholin, Y.V. Heterogeneous polarity and surface acidity of silica-organic materials with fixed 1-n-propyl-3-methylimidazolium chloride as probed by solvatochromic and fluorescent dyes(2018) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 538, pp. 280-286. DOI: 10.1016/j.colsurfa.2017.11.018</p> <p>3. Panteleimonov, A.V., Onizhuk, M.O., Khristenko, I.V., Chuiko, I.I., Tkachenko, O.S., Gushikem, Y., Kholin, Y.V. Adsorption of transition metal chlorides by silica with grafted 1-n-Propyl-3-Methylimidazolium Chloride (2015) Journal of the Brazilian Chemical Society, 26 (6), pp. 1160-1170. DOI: 10.5935/0103-5053.20150080</p> <p>4. Tkachenko, O., Rahim, A., Baraban, A., Sukhov, R., Khristenko, I., Gushikem, Y., Kholin, Y. Hybrid silica-organic material with immobilized amino groups: Surface probing and use for electrochemical determination of nitrite</p>

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Хімічний	Хімічної метрології	Юрченко Олег Іванович	11	<p>1. Bunina, Z.Y., Bryleva, K., Yurchenko, O., Belikov, K.Sorption materials based on ethylene glycol dimethacrylate and methacrylic acid copolymers for rare earth elements extraction from aqueous solutions(2017) Adsorption Science and Technology, 35 (5-6), pp. 545-559. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021308059&doi=10.1177%2F0263617417701455&partnerID=40&md5=f3ec2004dd295500ed2e5601ca767e31DOI: 10.1177/0263617417701455</p> <p>2. Cherginets, V.L., Rebrova, T.P., Rebrov, A.L., Yurchenko, O.I.On</p>	10	<p>1. Cherginets, V. L.; Rebrova, Tatyana P.; Rebrov, Alexander L.; On some regularities of magnesium oxide solubility in melts with different content of alkaline earth metal chlorides. JOURNAL OF CHEMICAL THERMODYNAMICS, 2017, 113, 1-5.</p> <p>2. Bunina, Z.Y., Bryleva, K., Yurchenko, O., Belikov, K.Sorption materials based on ethylene glycol dimethacrylate and methacrylic acid copolymers for rare earth elements extraction from aqueous solutions(2017) Adsorption Science and Technology, 35 (5-6), pp. 545-559. DOI:</p>

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Хімічний	Прикладної хімії	Вітушкіна Світлана Василівна	9	<p>1. Potočňák, I., Bukrynov, O., Kliuikov, A., Cizmár, E., Vitushkina, S., Váhovská, L., Samolová, E. Low-dimensional compounds containing cyanido groups. Part XXXIV. Structure, spectral and magnetic properties of the first complex with pyridylbenzimidazole and nonlinear pseudohalide anion(2018) Zeitschrift fur Kristallographie - Crystalline Materials, 233 (12), pp. 877-882. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049198243&doi=10.1515/zkri-2018-2091&partnerID=40&md5=8bb244836fe34352ff4b54e89b0c6ec5DOI: 10.1515/zkri-2018-2091</p> <p>2. Potočňák, I., Bukrynov, O., Ráčková, K., Čizmár, E., Vitushkina, S., Váhovská, L., Dušek, M., Á tarha, P. Low-dimensional compounds containing cyanido groups. Part XXXV. 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Váhovská, L., Vitushkina, S., Potočňák, I., Trávníček, Z., Herchel, R. Effect of linear and non-linear pseudohalides on the structural and magnetic properties of Co(II) hexacoordinate single-molecule magnets(2018) Dalton Transactions, 47 (5), pp. 1498-1512. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85041346926&doi=10.1039%2fc7dt04256f&partnerID=40&md5=a7108d5cd9fd4030d18c4a0a0d1ccd36DOI: 10.1039/c7dt04256f</p> <p>5. Potočňák, I., Ráčková, K., Čizmár, E., Váhovská, L., Bukrynov, O., Vitushkina, S., Findoráková, L. Low-dimensional compounds containing cyanido groups. Part XXXII. Field-induced multiple slow magnetic relaxation in [CoII(dcnm)(H2O)(phen)2](dcnm) complex with dominant easy-plane anisotropy (dcnm = dicyanonitrosomethanide)(2017) Polyhedron, 137, pp. 112-121. https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028772760&doi=10.1016%2fj.poly.2017.08.009&partnerID=40&md5=1cdf0f2e0ce48b5955bebaae04e59281DOI: 10.1016/j.poly.2017.08.009</p>	9	<p>1. Potočňák, I., Bukrynov, O., Kliuikov, A., Cizmár, E., Vitushkina, S., Váhovská, L., Samolová, E. Low-dimensional compounds containing cyanido groups. Part XXXIV. Structure, spectral and magnetic properties of the first complex with pyridylbenzimidazole and nonlinear pseudohalide anion (2018) Zeitschrift fur Kristallographie - Crystalline Materials, 233 (12), pp. 877-882. DOI: 10.1515/zkri-2018-2091</p> <p>2. Potočňák, I., Bukrynov, O., Ráčková, K., Čizmár, E., Vitushkina, S., Váhovská, L., Dušek, M., Á tarha, P. Low-dimensional compounds containing cyanido groups. Part XXXV. Structure, spectral, thermal and magnetic properties of a binuclear CuIIπ-biquinoline complex with bridging and terminal dicyanamide ligands(2018) Acta Crystallographica Section C: Structural Chemistry, 74 (11), pp. 1469-1476. DOI: 10.1107/S205322961801375X</p> <p>3. Potočňák, I., Bukrynov, O., Kliuikov, A., Čizmár, E., Vitushkina, S., Váhovská, L., Dušek, M. 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DOI: 10.1016/j.poly.2017.08.009</p> <p>6. Vitushkina, S., Teslenko, M., Váhovská, L., Findoráková, L., Vilková, M., Potočňák, I. Low-dimensional compounds containing cyanido groups. Part XXXI. First simultaneous nucleophilic addition of water and ethanol to dicyanonitrosomethanide anions in the presence of Co(II)(2017) Inorganica Chimica Acta, 456, pp. 49-54. DOI: 10.1016/j.ica.2016.11.016</p> <p>7. Váhovská, L., Potočňák, I., Vitushkina, S., Walko, M. Low-dimensional compounds containing cyanido groups. Part XXX. Recrystallization of Co(II) complexes with pseudohalogenide ligands leading to CO₂ uptake and formation of dicyanoguanidine anion in newly created Co(III) complexes(2016) Polyhedron, 117, pp. 359-366. DOI: 10.1016/j.poly.2016.06.007</p> <p>8. Váhovská, L., Potočňák, I., Vitushkina, S., Dušek, M., Titiš, J., Boča, R. Low-dimensional compounds containing cyanido groups. XXVI. Crystal</p>

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Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Фізичної і біомедицинської електроніки та комплексних інформаційних технологій	Дахов Віктор Михайлович	8	<ol style="list-style-type: none"> 1. Dakhov, V.M., Berdnik, S.L., Blinova, N.K. & Penkin, Y.M. 2017, "Array of the two Arc monopoles on a sphere with surface impedance", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 190. 2. Dakhov, V.M., Berdnik, S.L., Blinova, N.K. & Penkin, Y.M. 2017, "Array of the four arc monopoles on a sphere with surface impedance", 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, pp. 201. 3. Dakhov, V.M., Katrich, V.A. & Berdnik, S.L. 2012, "Optimization of irregular antenna arrays taking into account mutual coupling of radiators", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 457. 4. Dakhov, V.M., Katrich, V.A. & Berdnik, S.L. 2012, "Optimization of the radiation pattern of regular antenna arrays with taking into account mutual coupling between radiators", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 164. 5. Dakhov, V.M., Katrich, V.A., Berdnik, S.L., Nesterenko, M.V. & Penkin, D.Y. 2015, "Radiation fields of radial monopole array mounted on a perfectly conducting sphere", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 66. 6. Nesterenko, M.V., Katrich, V.A., Yatsuk, L.P., Blinova, N.K., Penkin, Y.M. & Dakhov, V.M. 2016, "Directional characteristics of an antenna array of monopoles on a perfectly conducting sphere", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 388. 7. Penkin, D.Y., Katrich, V.A., Dakhov, V.M., Nesterenko, M.V. & Berdnik, S.L. 2013, "Radiation fields of radial impedance monopole mounted on a perfectly conducting sphere", 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, pp. 123. 8. Penkin, D.Y., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V., Dakhov, V.M. & Berdnik, S.L. 2015, "Electrodynamic characteristics of a radial impedance vibrator on a perfect conduction sphere", Progress In Electromagnetics Research B, vol. 62, no. 1, pp. 137-151. 	4	<ol style="list-style-type: none"> 1. Dakhov, V. M.; Berdnik, S. L.; Blinova, N. K.; Penkin, Yu. M. Array of the Two Arc Monopoles on a Sphere with Surface Impedance // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.190-193. 2. Dakhov, V. M.; Berdnik, S. L.; Blinova, N. K.; Penkin, Yu. M. Array of the Four Arc Monopoles on a Sphere with Surface Impedance // 2017 XXIIND INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY (DIPED), 2017, pp.201-204. 3. Nesterenko, M. V.; Katrich, V. A.; Yatsuk, L. P.; Blinova, N. K.; Penkin, Yu. M.; Dakhov, V. M. Directional Characteristics of an Antenna Array of Monopoles on a Perfectly Conducting Sphere // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.388-391. 4. Dakhov, V. M.; Katrich, V. A.; Berdnik, S. L.; Nesterenko, M. V.; Penkin, D. Yu. Radiation Fields of Radial Monopole Array Mounted on a Perfectly Conducting Sphere // 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY, 2015, pp.66-70.
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Фізичної і біомедицинської електроніки та комплексних інформаційних технологій	Єлісеєва Надія Петрівна	27	<ol style="list-style-type: none"> 1. Gorobets, A.N., Yeliseyeva, N.P., Katrich, V.A. & Nesterenko, M.V. 2017, "Optimization of circularly polarized radiation of in-phase crossed impedance dipoles with screen", 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, pp. 270. 2. Gorobets, N.N. & Eliseeva, N.P. 2013, "The radiation characteristics of two parallel electric dipoles with a finite screen", <i>Journal of Communications Technology and Electronics</i>, vol. 58, no. 8, pp. 753-761. 3. Gorobets, N.N. & Yeliseyeva, N.P. 2015, "Electrodynamic characteristics of a four-vibrator radiator with a square screen", <i>Journal of Communications Technology and Electronics</i>, vol. 60, no. 5, pp. 454-469. 4. Gorobets, N.N. & Yeliseyeva, N.P. 2013, "Wave processes in near zone of Hertz dipole with plane screen", 2013 9th International Conference on Antenna 	18	<ol style="list-style-type: none"> 1. Yeliseyeva, Nadezhda; Berdnik, Sergey; Katrich, Victor; Pshenichnaya, Svetlana Radiation Resistance of Resonant Impedance Monopole Placed on Metal Square Screen // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.331-335. 2. Yeliseyeva, N. P.; Katrich, V. A.; Nesterenko, M. V.; Gorobets, A. N. Synthesis of Circularly Polarized Radiation by Inphase Crossed Impedance Wire Dipoles with Screen // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.98-101. 3. Yeliseyeva, N. P.; Gorobets, A. N.; Katrich, V. A.; Pshenichnaya, S. V. Directional and Polarization Characteristics of Crossed Impedance Wire Dipoles

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Радіофізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Аркуша Юрій Васильович	9	<p>1. Arkusha, Y. V., Storozhenko, I. P., & Yaroshenko, A. N. (2013). Graded-gap Gunn diodes on the base of InBn and GaBn. Paper presented at the CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 145-146.</p> <p>2. Storozhenko, I., Kaydash, M., Yaroshenko, O., & Arkusha, Y. (2018). Wide-band Gunn diodes based on graded-gap InGaP/InP as. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 326-330. doi:10.1109/UWBUSIS.2018.8520161</p> <p>3. Storozhenko, I. P., Arkusha, Y. V., Yaroshenko, A. N., & Kaydash, M. V. (2012). Simulation of graded-gap AlInN Gunn diodes. Paper presented at the CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 169-170.</p> <p>4. Storozhenko, I. P., & Arkusha, Y. V. (2012). Frequency range of Gunn diodes on base of graded-gap semiconductor nitrides. Paper presented at the 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 64-66. doi:10.1109/UWBUSIS.2012.6379733</p> <p>5. Storozhenko, I. P., & Arkusha, Y. V. (2012). Prospects for using Gunn diodes based on GaN, AlN and InN. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 71(8), 717-727. doi:10.1615/TelecomRadEng.v71.i8.40</p> <p>6. Storozhenko, I. P., Kaydash, M. V., Yaroshenko, A. N., & Arkusha, Y. V. (2016). InBN and GaBN graded gap Gunn diodes at different BN distribution. Paper presented at the 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, doi:10.1109/MSMW.2016.7538116</p> <p>7. Storozhenko, I. P., Yaroshenko, A. N., & Arkusha, Y. V. (2014). InBN and GaBN GRADED-GAP Gunn diodes. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 73(16), 1461-1470. doi:10.1615/TelecomRadEng.v73.i16.60</p> <p>8. Storozhenko, I. P., Yaroshenko, A. N., & Arkusha, Y. V. (2016). Numerical simulations of transferred-electron devices based on graded-gap semiconductor nitrides with boron nitride for terahertz range. Paper presented at</p>	3	<p>1. Storozhenko, Ihor; Yaroshenko, Oleksandr; Kaydash, Marina; Arkusha, Yuri Wide-band Gunn diodes based on graded-gap InGaP/InPAs // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.326-330.</p> <p>2. Shtoda, Dmytro O.; Arkusha, Yurii V.; Mustetsov, Mykola P. The Microwave Imaging Method for Express Diagnostic of Cancer // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.293-297.</p> <p>3. Storozhenko, I. P.; Yaroshenko, A. N.; Arkusha, Yu., V Numerical Simulations of Transferred-Electron Devices Based on Graded-Gap Semiconductor Nitrides with Boron Nitride for Terahertz Range // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.190-193.</p>

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<p>Радіо-фізики, біомедичної електроніки та комп'ютерних систем</p>	<p>Фізичної і біомедичної електроніки та комплексних інформаційних технологій</p>	<p>Пшенична Світлана Вікторівна</p>	15	<p>1. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, D.Y. & Pshenichnaya, S.V. 2012, "Electromagnetic waves excitation by vibrator-slot structure in rectangular waveguide", 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, pp. 195.</p> <p>2. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. & Pshenichnaya, S.V. 2015, "Clavin element with impedance monopoles", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 61.</p> <p>3. 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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Ляховський Анатолій Федорович	8	<p>1. Lyakhovsky, A., Katrich, V., Dumin, O., Yatsuk, L., & Lyakhovsky, A. (2018). Electromagnetic wave scattering on longitudinal slot with layered medium in rectangular waveguide. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 226-229. doi:10.1109/UWBUSIS.2018.8520015</p> <p>2. Lyakhovsky, A. A., & Lyakhovsky, A. F. (2015). The influence of air gaps at slowdown of main LM-mode in a waveguide with multilayer dielectric filling. Paper presented at the 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, doi:10.1109/ICATT.2015.7136824</p> <p>3. Lyakhovsky, A. F., Yatsuk, L. P., & Lyakhovsky, A. A. (2017). Coupling of waveguide with resonator through diaphragm with slot with dielectric slab. Paper presented at the 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 321-324. doi:10.1109/ICATT.2017.7972654</p> <p>4. Yatsuk, L., Kichigin, I., Lyakhovsky, A., & Penkin, Y. (2013). Narrow waveguide-slot radiator filled with layered dielectric. Paper presented at the Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 421-423. doi:10.1109/MSMW.2013.6622093</p> <p>5. Yatsuk, L. P., Blinova, N. K., Lyakhovsky, A. F., Lyakhovsky, A. A., & Selutin, A. V. (2015). Theory questions of waveguide-slot structures with dielectric insertions. Paper presented at the 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings, doi:10.1109/ICATT.2015.7136823</p> <p>6. Yatsuk, L. P., Lyakhovsky, A. F., & Katrich, V. A. (2013). The physical properties of the resonant diaphragm in a rectangular waveguide with a slot partially filled with a dielectric. Paper presented at the Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves,</p>	8	<p>1. Lyakhovsky, Anatoly; Katrich, Viktor; Dumin, Oleksandr; Yatsuk, Ludmila; Lyakhovsky, Andrey Electromagnetic Wave Scattering on Longitudinal Slot with Layered Medium in Rectangular Waveguide // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.226-229.</p> <p>2. Lyakhovsky, A. F.; Yatsuk, L. P.; Lyakhovsky, A. A. Coupling of Waveguide with Resonator through Diaphragm with Slot with Dielectric Slab // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.321-324.</p> <p>3. Yatsuk, Ludmila P.; Lyakhovsky, Anatoly F.; Katrich, Victor A.; Lyakhovsky, Andrey A. Coupling of Two Rectangular Waveguides through a Diaphragm with a Dielectric Slab in the Slot // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 49 (), pp.9-19.</p> <p>4. Yatsuk, L. P.; Lyakhovsky, A. F.; Katrich, V. A.; Lyakhovsky, A. A. Waveguide-Slot Coupling Element Partially Filled with Dielectric // 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW), 2016, pp.-.</p> <p>5. Lyakhovsky, A. A.; Lyakhovsky, A. F. THE INFLUENCE OF AIR GAPS AT SLOWDOWN OF MAIN LM-MODE IN A WAVEGUIDE WITH MULTILAYER DIELECTRIC FILLING // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>6. Yatsuk, L. P.; Blinova, N. K.; Lyakhovsky, A. F.; Lyakhovsky, A. A.; Selutin, A. V. THEORY QUESTIONS OF WAVEGUIDE-SLOT STRUCTURES WITH DIELECTRIC INSERTIONS // 2015 INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2015, pp.-.</p> <p>7. Yatsuk, L. P.; Lyakhovsky, A. F.; Katrich, V. A. THE PHYSICAL</p>

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Муствецов Микола Петрович	5	<p>1. Antonenko, E. A., Katrych, V. A., Mustetsov, N. P., & Karpov, A. I. (2012). Pulse wave registration method by the instrumentality of microstrip resonators. Paper presented at the CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 952-953.</p> <p>2. Katrych, V., Mustetsov, M., & Kozheshkurt, V. (2017). Improvement of the model of temperature distribution and registration of native radiation of biological objects. Eastern-European Journal of Enterprise Technologies, 4(5-88), 10-16. doi:10.15587/1729-4061.2017.108834</p> <p>3. Shtoda, D., Antonenko, Y., Kozheshkurt, V., & Mustetsov, M. (2018). Possibilities of using microwave imaging to study suspensions of copper and iron nanoparticles. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 264-268. doi:10.1109/UWBUSIS.2018.8520175</p> <p>4. Shtoda, D. A., Antonenko, E. A., & Mustetsov, N. P. (2016). Possibilities of microwave imaging in medicine. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 175-178. doi:10.1109/UWBUSIS.2016.7724181</p> <p>5. Shtoda, D. O., Arkusha, Y. V., & Mustetsov, M. P. (2017). The microwave imaging method for express diagnostic of cancer. Paper presented at the 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, 292-296. doi:10.1109/UKRCON.2017.8100459</p>	4	<p>1. Shtoda, Dmytro; Antonenko, Yevhenii; Kozheshkurt, Valentyn; Mustetsov, Mykola Possibilities of Using Microwave Imaging to Study Suspensions of Copper and Iron Nanoparticles // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.264-268.</p> <p>2. Mustetsov, M. P.; Bahan, S. O. Neural Network of the gestosis diagnosis system // VISNYK NTUU KPI SERIIA-RADIOTEKHNIKA RADIOAPARATOBUDUVANNIA, 2018, (72), pp.42-46.</p> <p>3. Shtoda, Dmytro O.; Arkusha, Yurii V.; Mustetsov, Mykola P. The Microwave Imaging Method for Express Diagnostic of Cancer // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.293-297.</p> <p>4. Shtoda, D. A.; Antonenko, E. A.; Mustetsov, N. P. Possibilities of Microwave Imaging in Medicine // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.175-178.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Антоненко Євгеній Олександрович	9	<p>1. Antonenko, E. A., Katrych, V. A., Mustetsov, N. P., & Karpov, A. I. (2012). Pulse wave registration method by the instrumentality of microstrip resonators. Paper presented at the CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 952-953.</p> <p>2. Antonenko, Y., Buriak, M., Osypenko, O., Shtoda, D., & Chizh, N. (2018). Wireless charger for implantable biotelemetry system. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 260-263. doi:10.1109/UWBUSIS.2018.8520079</p> <p>3. Antonenko, Y. A., Mustetsov, T. N., Hamdi, R. R., MaLecka-Massalska, T., Orshubekov, N., Dzierlak, R., & Uvaysova, S. (2017). Double-compression method for biomedical images. Paper presented at the Proceedings of SPIE - the International Society for Optical Engineering, , 10445 doi:10.1117/12.2280989</p> <p>4. Antonenko, Y. A., & Karpov, A. I. (2017). Small-size antenna array of</p>	4	<p>1. Antonenko, Yevhenii; Buriak, Mychailo; Osypenko, Oleksii; Shtoda, Dmytro; Chizh, Nikolay Wireless Charger for Implantable Biotelemetry System // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.260-263.</p> <p>2. Shtoda, Dmytro; Antonenko, Yevhenii; Kozheshkurt, Valentyn; Mustetsov, Mykola Possibilities of Using Microwave Imaging to Study Suspensions of Copper and Iron Nanoparticles // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.264-268.</p> <p>3. Kozheshkurt, Valentyn; Antonenko, Yevhenii; Shtoda, Dmytro; Slipchenko, Olena; Katrych, Viktor Possibilities of Impedance Spectroscopy for the Study of Bioliquids // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.280-284.</p> <p>4. Shtoda, D. A.; Antonenko, E. A.; Mustetsov, N. P. Possibilities of</p>

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<p>Радіо-фізики, біомедичної електроніки та комп'ютерних систем</p>	<p>Фізичної і біомедичної електроніки та комплексних інформаційних технологій</p>	<p>Штода Дмитро Олексійович</p>	<p>5</p>	<ol style="list-style-type: none"> 1. Antonenko, Y., Buriak, M., Osypenko, O., Shtoda, D., & Chizh, N. (2018). Wireless charger for implantable biotelemetry system. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 260-263. doi:10.1109/UWBUSIS.2018.8520079 2. Kozheshkurt, V., Antonenko, Y., Shtoda, D., Slipchenko, O., & Katrych, V. (2018). Possibilities of impedance spectroscopy for the study of bioliquids. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 280-284. doi:10.1109/UWBUSIS.2018.8520236 3. Shtoda, D., Antonenko, Y., Kozheshkurt, V., & Mustetsov, M. (2018). Possibilities of using microwave imaging to study suspensions of copper and iron nanoparticles. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 264-268. doi:10.1109/UWBUSIS.2018.8520175 4. Shtoda, D. A., Antonenko, E. A., & Mustetsov, N. P. (2016). Possibilities of microwave imaging in medicine. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 175-178. doi:10.1109/UWBUSIS.2016.7724181 5. Shtoda, D. O., Arkusha, Y. V., & Mustetsov, M. P. (2017). The microwave imaging method for express diagnostic of cancer. Paper presented at the 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings, 292-296. 	<p>5</p>	<ol style="list-style-type: none"> 1. Antonenko, Yevhenii; Buriak, Mychailo; Osypenko, Oleksii; Shtoda, Dmytro; Chizh, Nikolay Wireless Charger for Implantable Biotelemetry System // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.260-263. 2. Shtoda, Dmytro; Antonenko, Yevhenii; Kozheshkurt, Valentyn; Mustetsov, Mykola Possibilities of Using Microwave Imaging to Study Suspensions of Copper and Iron Nanoparticles // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.264-268. 3. Kozheshkurt, Valentyn; Antonenko, Yevhenii; Shtoda, Dmytro; Slipchenko, Olena; Katrych, Viktor Possibilities of Impedance Spectroscopy for the Study of Bioliquids // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.280-284. 4. Shtoda, Dmytro O.; Arkusha, Yurii V.; Mustetsov, Mykola P. The Microwave Imaging Method for Express Diagnostic of Cancer // 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON), 2017, pp.293-297. 5. Shtoda, D. A.; Antonenko, E. A.; Mustetsov, N. P. Possibilities of Microwave Imaging in Medicine // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.175-178.

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Приходько Кирило Геннадійович	6	<ol style="list-style-type: none"> 1. Botsula, O.V., Prykhodko, K.H. & Zozulia, V.A. 2017, "Impact ionization in short Alzgal-Zn-based diodes", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 76, no. 1, pp. 61-71. 2. Botsula, O.V. & Prykhodko, K.H. 2018, "Graded Band Diode for Noise Generation in Terahertz Range", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 336. 3. Botsula, O.V. & Prykhodko, K.H. 2016, "Static characteristics of the graded gap and heterojunction diodes containing the cathode static domain", 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, pp. 163. 4. Botsula, O.V., Prykhodko, K.H. & Zozulia, V.O. 2018, "Monte Carlo Modeling of the Diodes with Lateral Resonant Tunneling Border", UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, pp. 256. 5. Botsula, O.V. & Prykhodko, K.H. 2017, "Heterostructure-based diode with cathode static domain", Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), vol. 76, no. 10, pp. 891-901. 6. Prykhodko, K.H., Zozulia, V.O. & Botsula, O.V. 2017, "Graded band gap InGaAs diodes for terahertz applications", 2017 IEEE International Young Scientists Forum on Applied Physics and Engineering, YSF 2017, pp. 291. 	4	<ol style="list-style-type: none"> 1. Botsula, O. V.; Prykhodko, K. H.; Zozulia, V. O. Monte Carlo Modeling of the Diodes with Lateral Resonant Tunneling Border // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.256-259. 2. Botsula, O. V.; Prykhodko, K. H. Graded Band Diode for Noise Generation in Terahertz Range // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.336-339. 3. Prykhodko, K. H.; Zozulia, V. O.; Botsula, O. V. Graded Band Gap InGaAs Diodes for Terahertz Applications // 2017 IEEE INTERNATIONAL YOUNG SCIENTISTS FORUM ON APPLIED PHYSICS AND ENGINEERING (YSF), 2017, pp.291-294. 4. Botsula, O. V.; Prykhodko, K. H. Static Characteristics of the Graded Gap and Heterojunction Diodes Containing the Cathode Static Domain // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.163-166.
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Кожешкурт Валентин Олександрович	5	<ol style="list-style-type: none"> 1. Katrych, V., Mustetsov, M., & Kozheshkurt, V. (2017). Improvement of the model of temperature distribution and registration of native radiation of biological objects. Eastern-European Journal of Enterprise Technologies, 4(5-88), 10-16. doi:10.15587/1729-4061.2017.108834 2. Kozheshkurt, V., Antonenko, Y., Shtoda, D., Slipchenko, O., & Katrych, V. (2018). Possibilities of impedance spectroscopy for the study of bioliquids. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 280-284. doi:10.1109/UWBUSIS.2018.8520236 3. Kozheshkurt, V. A., & Katrich, V. A. (2016). Determining the depth of the temperature anomalies in biological tissue. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 171-174. doi:10.1109/UWBUSIS.2016.7724180 4. Kurselis, K., Kozheshkurt, V., Kiyan, R., Chichkov, B., & Sajti, L. (2018). Thermally assisted nanosecond laser generation of ferric nanoparticles. Applied Physics Letters, 112(11) doi:10.1063/1.5021763 5. Shtoda, D., Antonenko, Y., Kozheshkurt, V., & Mustetsov, M. (2018). Possibilities of using microwave imaging to study suspensions of copper and iron nanoparticles. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 264-268. doi:10.1109/UWBUSIS.2018.8520175 	4	<ol style="list-style-type: none"> 1. Kurselis, K.; Kozheshkurt, V.; Kiyan, R.; Chichkov, B.; Sajti, L. Thermally assisted nanosecond laser generation of ferric nanoparticles // APPLIED PHYSICS LETTERS, 2018, 112 (11), pp.-. 2. Shtoda, Dmytro; Antonenko, Yevhenii; Kozheshkurt, Valentyn; Mustetsov, Mykola Possibilities of Using Microwave Imaging to Study Suspensions of Copper and Iron Nanoparticles // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.264-268. 3. Kozheshkurt, Valentyn; Antonenko, Yevhenii; Shtoda, Dmytro; Slipchenko, Olena; Katrych, Viktor Possibilities of Impedance Spectroscopy for the Study of Bioliquids // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.280-284. 4. Kozheshkurt, V. A.; Katrich, V. A. Determining the Depth of the Temperature Anomalies in Biological Tissue // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.171-174.

<p>Радіо-фізики, біомедичної електроніки та комп'ютерних систем</p>	<p>Фізичної і біомедичної електроніки та комплексних інформаційних технологій</p>	<p>Горобець Олексій Миколайович</p>	<p>13</p> <ol style="list-style-type: none"> 1. Atroshenko, L. M., Gorobets, N. N., Gorobets, A. N., Koshelev, A. V., Lebedev, A. S., Malukov, V. M., & Mel, I. A. (2014). State and prospects of the system of testing areas for ground support of external calibration for space systems of earth's remote sensing. Paper presented at the CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 1145-1146. doi:10.1109/CRMICO.2014.6959801 2. Atroshenko, L. M., Gorobets, N. N., Gorobets, A. N., Kostrikov, A. L., Krasnogorskiy, M. G., Lebedev, A. S., . . . Mehl, I. A. (2013). Use of facilities of commercial purposes for external calibration of space-based SAR. 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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедичної електроніки та комплексних інформаційних технологій	Яцук Людмила Прокопівна	22	<p>1. Blinova, N., Yatsuk, L., Lyahovskiy, A., Kiyko, V., & Selutin, A. (2018). A slot in the end wall of a rectangular waveguide with a dielectric insert as an irradiator of fragments of the material medium. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 194-197. doi:10.1109/UWBUSIS.2018.8520185</p> <p>2. Blinova, N., Yatsuk, L., Lyahovskiy, A., Kiyko, V., & Selutin, A. (2018). A slot in the end wall of a rectangular waveguide with a dielectric insert as an irradiator of fragments of the material medium. Paper presented at the UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 194-197. doi:10.1109/UWBUSIS.2018.8520106</p> <p>3. Blinova, N., Yatsuk, L., & Lyakhovsky, A. (2012). Energy parameters and directional characteristics of a finite system of transverse slots in rectangular waveguide with the dielectric layer. Paper presented at the 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 294-296. doi:10.1109/UWBUSIS.2012.6379810</p> <p>4. Blinova, N. K., & Yatsuk, L. P. (2013). Optimization of parameters of resonance system based on transverse slots in the rectangular waveguide with slow-wave structure. Paper presented at the 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 160-162. doi:10.1109/ICATT.2013.6650711</p> <p>5. Blinova, N. K., Yatsuk, L. P., & Sachko, V. O. (2016). Energy characteristics of wire vibrator connecting a rectangular waveguide and the free half space through a small hole. Paper presented at the 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, doi:10.1109/MSMW.2016.7538052</p> <p>6. Blinova, N. K., Yatsuk, L. P., Sachko, V. O., & Selutin, A. V. (2016). On the reliability of the mathematical model of coupling the waveguide and free half space by a wire segment through a small round aperture. Paper presented at the 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 136-138. doi:10.1109/UWBUSIS.2016.7724170</p> <p>7. Blinova, N. K., Yatsuk, L. P., & Selutin, A. V. (2017).</p>	13	<p>1. Blinova, Natalya; Yatsuk, Ludmila; Lyahovskiy, Anatoliy; Kiyko, Viktor; Selutin, Andrey A Slot in the End Wall of a Rectangular Waveguide with a Dielectric Insert as an Irradiator of Fragments of the Material Medium // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.194-197.</p> <p>2. Lyakhovsky, Anatoly; Katrich, Viktor; Dumin, Oleksandr; Yatsuk, Ludmila; Lyakhovsky, Andrey Electromagnetic Wave Scattering on Longitudinal Slot with Layered Medium in Rectangular Waveguide // 2018 9TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2018, pp.226-229.</p> <p>3. Blinova, N. K.; Yatsuk, L. P.; Selutin, A. V. Microwave Irradiator in the Form of a Piece of Rectangular Waveguide with Dielectric Insertion and Narrow Slot // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.246-249.</p> <p>4. Lyakhovsky, A. F.; Yatsuk, L. P.; Lyakhovsky, A. A. Coupling of Waveguide with Resonator through Diaphragm with Slot with Dielectric Slab // 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT), 2017, pp.321-324.</p> <p>5. Yatsuk, Ludmila P.; Lyakhovsky, Anatoly F.; Katrich, Victor A.; Lyakhovsky, Andrey A. Coupling of Two Rectangular Waveguides through a Diaphragm with a Dielectric Slab in the Slot // PROGRESS IN ELECTROMAGNETICS RESEARCH M, 2016, 49 (), pp.9-19.</p> <p>6. Nesterenko, M. V.; Katrich, V. A.; Yatsuk, L. P.; Blinova, N. K.; Penkin, Yu. M.; Dakhov, V. M. Directional Characteristics of an Antenna Array of Monopoles on a Perfectly Conducting Sphere // 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET), 2016, pp.388-391.</p> <p>7. Blinova, N. K.; Yatsuk, L. P.; Sachko, V. O.; Selutin, A. V. On the Reliability of the Mathematical Model of Coupling the Waveguide and Free Half Space by a Wire Segment Through a Small Round Aperture // 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS), 2016, pp.136-138.</p> <p>8. Blinova, N. K.; Yatsuk, L. P.; Sachko, V. O. Energy Characteristics of Wire Vibrator Connecting a Rectangular Waveguide and the Free Half Space through a Small Hole // 2016 9TH INTERNATIONAL KHARKIV</p>

			<p>Microwave irradiator in the form of a piece of rectangular waveguide with dielectric insertion and narrow slot. Paper presented at the 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 246-249. doi:10.1109/ICATT.2017.7972633</p> <p>8. Blinova, N. K., Yatsuk, L. P., & Selyutin, A. V. (2016). Synthesis of a transverse slot grating in a slow wave-supporting waveguide with specified power and directivity characteristics in the case of frequency scanning. <i>Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika)</i>, 75(9), 771-780. doi:10.1615/TelecomRadEng.v75.i9.20</p> <p>9. Lyakhovsky, A., Katrich, V., Dumin, O., Yatsuk, L., & Lyakhovsky, A. (2018). Electromagnetic wave scattering on longitudinal slot with layered medium in rectangular waveguide. 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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Космічної радіо-фізики	Розуменко Віктор Тимофійович	6	<p>1. Chernogor L. F., Rozumenko V. T., Mylovanov Yu. B. The Action of Ultra-Short Super-Powerful Radio Pulses on Earth's Atmosphere and Ionosphere // 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals. Conference Proceedings. – P. 322 – 325. DOI: 10.1109/UWBUSIS.2018.8520197</p> <p>2. Martynenko S.I., Tyrnov O.F., Rozumenko V.T. The effect of large mesospheric electric fields on the terrestrial lower ionospheric structure // CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – P. 1111 – 1112. DOI: 10.1109/CRMICO.2014.6959784</p> <p>3. Martynenko S.I., Tyrnov O.F., Rozumenko V.T. Temporal variations of electric fields density in the middle atmosphere // CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – P. 1124 – 1125.</p> <p>4. Chernogor L. F., Rozumenko V. T. The physical effects associated with Chelyabinsk meteorite's passage // Problems of Atomic Science and Technology. – 2013. – Vol. 86, No 4. – Pp. 136 – 139.</p> <p>5. Dorohov V.L., Rozumenko V.T., Somov V.G., Tyrnov O.F. Upgrades to the Kharkiv V. N. Karazin National University MF radar antenna // 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013. – P. 370 – 372.</p> <p>6. Martynenko S.I., Rozumenko V.T., Tyrnov O.F. Dispersive shift in the height of the lower edge of the ionosphere under the influence of strong perturbations in tropospheric conductivity // CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – P. 1049 – 1050.</p>	2	<p>1. Martynenko S.I., Tyrnov O.F., Rozumenko V.T. The effect of large mesospheric electric fields on the terrestrial lower ionospheric structure // CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings. – P. 1111 – 1112. DOI: 10.1109/CRMICO.2014.6959784</p> <p>2. Chernogor L. F., Rozumenko V. T. The physical effects associated with Chelyabinsk meteorite's passage // Problems of Atomic Science and Technology. – 2013. – Vol. 86, No 4. – Pp. 136 – 139.</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Молекулярної і медичної біофізики	Ніколов Олег Тимофійович	9	<p>1. Berest, V.P., Gorobchenko, O.O., Vashchenko, O.V., Kasian, N.A., Nikolov, O.T. Narrow Band Dielectrometry as a Tool to Monitor Drug Release and Accumulation in Liposomes, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520092, c. 285-289.</p> <p>2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., (...), Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures, 2018, Radiation Physics and Chemistry, 144, c. 231-237.</p> <p>3. Kuznetsov, K.A., Shckorbatov, Y.G., Kolchigin, N.N., Nikolov, O.T. Changes of chromatin and cell membranes in exfoliated human buccal epithelium</p>	9	<p>1. Berest, V.P., Gorobchenko, O.O., Vashchenko, O.V., Kasian, N.A., Nikolov, O.T. Narrow Band Dielectrometry as a Tool to Monitor Drug Release and Accumulation in Liposomes, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520092, c. 285-289.</p> <p>2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., (...), Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures, 2018, Radiation Physics and Chemistry, 144, c. 231-237.</p> <p>3. Kuznetsov, K.A., Shckorbatov, Y.G., Kolchigin, N.N., Nikolov, O.T. Changes of chromatin and cell membranes in exfoliated human buccal epithelium</p>

				<p>cells exposed to non-ionizing and ionizing electromagnetic fields, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016 7724179, c. 167-170</p> <p>4. Kuznetsov, K.A., Miroshnik, D.B., Shckorbatov, Y.G., Nikolov, O.T., Kolchigin, N.N. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field 20169th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW, 2016 , 7538012</p> <p>5. Volkova, N.A., Pavlovich, E.V., Gapon, A.A., Nikolov, O.T. Effects of Millimeter-Wave Electromagnetic Exposure on the Morphology and Function of Human Cryopreserved Spermatozoa , 2014, Bulletin of Experimental Biology and Medicine, 157(5), c. 574-576</p> <p>6. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., (...), Semenov, M., Gasan, A. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution 2015, Nanoscale Research Letters 10(1)</p> <p>7. Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V. Dielectric permittivity of erythrocyte suspensions at 9.2 GHz, 2014, CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, 6959768, c. 1077-1078 Conference Proceedings</p> <p>8. Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T., (...), Pastukhova, S.Y., Bondarenko, V.A. The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension, 2013, Materialwissenschaft und Werkstofftechnik 44(2-3), c. 167-170.</p> <p>9. Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A., Loza, K.I. Study of structure of calcium phosphate materials by means of electron spin resonance, 2012, Applied Radiation and Isotopes 70(11), c. 2621-2626.</p>		<p>cells exposed to non-ionizing and ionizing electromagnetic fields, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016 7724179, c. 167-170</p> <p>4. Kuznetsov, K.A., Miroshnik, D.B., Shckorbatov, Y.G., Nikolov, O.T., Kolchigin, N.N. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field 20169th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW, 2016 , 7538012</p> <p>5. Volkova, N.A., Pavlovich, E.V., Gapon, A.A., Nikolov, O.T. Effects of Millimeter-Wave Electromagnetic Exposure on the Morphology and Function of Human Cryopreserved Spermatozoa , 2014, Bulletin of Experimental Biology and Medicine, 157(5), c. 574-576</p> <p>6. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., (...), Semenov, M., Gasan, A. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution 2015, Nanoscale Research Letters 10(1)</p> <p>7. Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V. Dielectric permittivity of erythrocyte suspensions at 9.2 GHz, 2014, CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, 6959768, c. 1077-1078 Conference Proceedings</p> <p>8. Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T., (...), Pastukhova, S.Y., Bondarenko, V.A. The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension, 2013, Materialwissenschaft und Werkstofftechnik 44(2-3), c. 167-170.</p> <p>9. Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A., Loza, K.I. Study of structure of calcium phosphate materials by means of electron spin resonance, 2012, Applied Radiation and Isotopes 70(11), c. 2621-2626.</p>
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Квантової радіо-фізики	Дюбко Станіслав Пилипович	8	<p>1. A new technique to excite Zn atoms to triplet Rydberg states // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851428, c. 204</p> <p>2. Microwave spectrometer for Rydberg state atoms: Last improvements // 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538033</p> <p>3. Millimeter-wave spectroscopy of Zn i in 1D_2, 1F_3 and 1G_4 Rydberg states // Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48(24), 245005</p> <p>4. Observational results of a multi-telescope campaign in search of interstellar urea $[(NH_2)_2 CO]$ // Astrophysical Journal, 2014, 783(2), 77</p> <p>5. New measurements of Rydberg spectrum of singlet Mg i in the 120-150 GHz frequency range // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622110, c. 492-494</p> <p>6. Laser-microwave spectroscopy of singlet Mg I atoms in S,P,D,F,G Rydberg state // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657636, c. 358-360</p> <p>7. Microwave spectroscopy of singlet Mg i in $L = 0-4$ Rydberg states // Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45(21), 215002</p> <p>8. Effect of photoions on the line shape of the förster resonance lines and microwave transitions in cold rubidium rydberg atoms // Journal of</p>	4	<p>1. A new technique to excite Zn atoms to triplet Rydberg states // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851428, c. 204</p> <p>2. Microwave spectrometer for Rydberg state atoms: Last improvements // 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538033</p> <p>3. Millimeter-wave spectroscopy of Zn i in 1D_2, 1F_3 and 1G_4 Rydberg states // Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48(24), 245005</p> <p>4. Microwave spectroscopy of singlet Mg i in $L = 0-4$ Rydberg states // Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45(21), 215002</p>

				Experimental and Theoretical Physics, 2012, 114(1), c. 14-24		
Факультет Радіофізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Маслов Вячеслав Олександрович	21	<ol style="list-style-type: none"> 1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854 2. Simplified Modeling of Gradient Fragmented Metal Gratings of the Terahertz Range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018, July, 8460438, c. 258-261 3. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018, July, 8460368, c. 226-229 4. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017,76(17), c. 1567-1579 5. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674 6. Plane circular gradient grating that combines the functions of a spherical mirror and a focusing lens // MRRS - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075047, c. 139-142 7. Terahertz waveguide laser with smooth adjustment of feedback // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851387, c. 91-92 8. Mode selective properties of concentric metal rings on a dielectric substrate in a circular waveguide // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016,7851447, c. 254-256 9. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016,7851440, c. 235-236 10. Applying of the flat circular metal gratings as spherical output mirrors of terahertz lasers // 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538117 11. Laser resonator with infinitely adjustable of light output // Conference Proceedings - 2016 IEEE 13th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2016, 7851227, c. 51-52 12. Terahertz laser waveguide resonators with internal spherical mirrors // Telecommunications and Radio Engineering, 2016,75(18), c. 1665-1677 13. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640 14. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014,73(20), c. 1819-1830 15. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014,73(14), c. 1229-1239 16. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 	13	<ol style="list-style-type: none"> 1. Simplified Modeling of Gradient Fragmented Metal Gratings of the Terahertz Range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018, July, 8460438, c. 258-261 2. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018, July, 8460368, c. 226-229 3. Plane circular gradient grating that combines the functions of a spherical mirror and a focusing lens // MRRS - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075047, c. 139-142 4. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674 5. Laser resonator with infinitely adjustable of light output // Conference Proceedings - 2016 IEEE 13th International Conference on Laser and Fiber-Optical Networks Modeling, LFNM 2016, 7851227, c. 51-52 6. Terahertz waveguide laser with smooth adjustment of feedback // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851387, c. 91-92 7. 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Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114 12. Waveguide CO₂ laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476 13. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012,6331253, c. 312-315

				<p>6886325</p> <p>17. Radiation characteristics of the metal waveguide resonator with a inclined mirror // Telecommunications and Radio Engineering, 2013,72(14), c. 1349-1359</p> <p>18. Waveguide CO₂ laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</p> <p>19. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>20. Formation of a quasi-uniform output beam in the waveguide CO₂ laser // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657564, c. 160-163</p> <p>21. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012,6331253, c. 312-315</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Дегтярьов Андрій Вікторович	16	<p>1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854</p> <p>2. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229</p> <p>3. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017,76(17), c. 1567-1579</p> <p>4. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>5. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>6. Terahertz laser waveguide resonators with internal spherical mirrors // Telecommunications and Radio Engineering, 2016,75(18), c. 1665-1677</p> <p>7. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL2016, 7851440, c. 235-236</p> <p>8. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640</p> <p>9. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014,73(20), c. 1819-1830</p> <p>10. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014,73(14), c. 1229-1239</p> <p>11. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</p>	8	<p>1. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229</p> <p>2. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>3. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>4. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL2016, 7851440, c. 235-236</p> <p>5. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</p> <p>6. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>7. Waveguide CO₂ laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</p> <p>8. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315</p>

				<p>12. Radiation characteristics of the metal waveguide resonator with a inclined mirror // Telecommunications and Radio Engineering, 2013,72(14), c. 1349-1359</p> <p>13. Waveguide CO₂ laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476</p> <p>14. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>15. Formation of a quasi-uniform output beam in the waveguide CO₂ laser // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657564, c. 160-163</p> <p>16. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Сенюта Владислав Станіславович	12	<p>1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854</p> <p>2. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017, 76(17), c. 1567-1579</p> <p>3. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 8100326, c. 671-674</p> <p>4. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>5. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236</p> <p>6. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640</p> <p>7. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014, 73(20), c. 1819-1830</p> <p>8. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014, 73(14), c. 1229-1239</p> <p>9. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings - 2014 International Conference Laser Optics, LO 2014,6886325</p> <p>10. Radiation characteristics of the metal waveguide resonator with a inclined mirror // Telecommunications and Radio Engineering, 2013,72(14), c. 1349-1359</p> <p>11. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>12. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International</p>	6	<p>1. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674</p> <p>2. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>3. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL2016, 7851440, c. 235-236</p> <p>4. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325</p> <p>5. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622183, c. 112-114</p> <p>6. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315</p>

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Гурін Олег Валентинович	16	<ol style="list-style-type: none"> 1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854 2. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229 3. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017,76(17), c. 1567-1579 4. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674 5. Terahertz laser waveguide resonators with internal spherical mirrors // Telecommunications and Radio Engineering, 2016,75(18), c. 1665-1677 6. Effect of low intensity laser radiation of different wavelength on erythrocytes at experimental type 2 diabetes mellitus // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851407, c. 146-147 7. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236 8. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640 9. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014,73(20), c. 1819-1830 10. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014,73(14), c. 1229-1239 11. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325 12. Radiation characteristics of the metal waveguide resonator with a inclined mirror // Telecommunications and Radio Engineering, 2013,72(14), c. 1349-1359 13. Waveguide CO₂ laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476 14. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 20136622183, c. 112-114 15. Formation of a quasi-uniform output beam in the waveguide CO₂ laser // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657564, c. 160-163 	8	<ol style="list-style-type: none"> 1. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229 2. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674 3. Effect of low intensity laser radiation of different wavelength on erythrocytes at experimental type 2 diabetes mellitus // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851407, c. 146-147 4. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236 5. Propagation and focusing of modes of the dielectric resonator of terahertz laser // Proceedings International Conference Laser Optics, LO 2014, 6886325 6. Spatial-energy field characteristics for symmetric modes of metallic waveguide resonator of terahertz laser // Proceedings International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 20136622183, c. 112-114 7. Waveguide CO₂ laser with a quasi-homogeneous distribution of the output radiation intensity // Quantum Electronics, 2013, 43(5), c. 472-476 8. c. 472-476 9. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2012, 6331253, c. 312-315

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Рябих Валерій Миколайович	7	<ol style="list-style-type: none"> 1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854 2. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229 3. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017,76(17), c. 1567-1579 4. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674 5. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382 6. Terahertz laser waveguide resonators with internal spherical mirrors // Telecommunications and Radio Engineering, 2016,75(18), c. 1665-1677 7. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236 	4	<ol style="list-style-type: none"> 1. Focusing of Modes for Metallic Resonator of a Terahertz Laser with Nonuniform Spatial Polarization // International Conference on Mathematical Methods in Electromagnetic Theory, MMET 2018 July, 8460368, c. 226-229 2. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide // 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, c. 671-674 3. Generation of an azimuthal polarized beam in a terahertz waveguide laser // 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382 4. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2016, 7851440, c. 235-236
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Молекулярної і медичної біофізики	Горобченко Ольга Олександрівна	6	<ol style="list-style-type: none"> 1. Berest, V.P., Gorobchenko, O.O., Vashchenko, O.V., Kasian, N.A., Nikolov, O.T. Narrow Band Dielectrometry as a Tool to Monitor Drug Release and Accumulation in Liposomes, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520092, c. 285-289. 2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., (...), Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures, 2018, Radiation Physics and Chemistry, 144, c. 231-237. 3. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., (...), Semenov, M., Gasan, A. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution 2015, Nanoscale Research Letters 10(1) 4. Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V. Dielectric permittivity of erythrocyte suspensions at 9.2 GHz, 2014, CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, 6959768, c. 1077-1078 Conference Proceedings 5. Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T., (...), Pastukhova, S.Y., Bondarenko, V.A. The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension, 2013, Materialwissenschaft und Werkstofftechnik 44(2-3), c. 167-170. 6. Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A., Loza, K.I. Study of structure of calcium phosphate materials by means of electron spin resonance, 2012, Applied Radiation and Isotopes 70(11), c. 2621-2626. 	6	<ol style="list-style-type: none"> 1. Berest, V.P., Gorobchenko, O.O., Vashchenko, O.V., Kasian, N.A., Nikolov, O.T. Narrow Band Dielectrometry as a Tool to Monitor Drug Release and Accumulation in Liposomes, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520092, c. 285-289. 2. Glibitskiy, D.M., Gorobchenko, O.A., Nikolov, O.T., (...), Semenov, M.A., Glibitskiy, G.M. Effect of gamma-irradiation of bovine serum albumin solution on the formation of zigzag film textures, 2018, Radiation Physics and Chemistry, 144, c. 231-237. 3. Glibitskiy, G., Glibitskiy, D., Gorobchenko, O., (...), Semenov, M., Gasan, A. Textures on the surface of BSA films with different concentrations of sodium halides and water state in solution 2015, Nanoscale Research Letters 10(1) 4. Shatalova, T.A., Gorobchenko, O.A., Nikolov, O.T., Gatash, S.V. Dielectric permittivity of erythrocyte suspensions at 9.2 GHz, 2014, CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, 6959768, c. 1077-1078 Conference Proceedings 5. Pakulova, O.K., Gorobchenko, O.A., Nikolov, O.T., (...), Pastukhova, S.Y., Bondarenko, V.A. The influence of Hofmeister's effect on the osmotic behavior of erythrocytes and on the state of water in their suspension, 2013, Materialwissenschaft und Werkstofftechnik 44(2-3), c. 167-170. 6. Rokhmistrov, D.V., Nikolov, O.T., Gorobchenko, O.A., Loza, K.I. Study of structure of calcium phosphate materials by means of electron spin resonance, 2012, Applied Radiation and Isotopes 70(11), c. 2621-2626.

<p>Радіо-фізики, біомедичної електроніки та комп'ютерних систем</p>	<p>Теоретичної радіо-фізики</p>	<p>Хардіков Вячеслав Володимирович</p>	<p>17</p> <ol style="list-style-type: none"> 1. Efficient Excitation of a Toroidal Dipole Mode in All-Dielectric Quadrumer Clusters, 2018, 2018 48th European Microwave Conference, EuMC 2018, 8541532, pp. 890-893 2. QD Layer Luminescence Enhancement Via Coupling with Disk Metasurface in Trapped Mode Regime, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460246, pp. 83-86 3. Axial Toroidal Dipole Modes in All-Dielectric Trimer Metasurfaces, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460255, pp. 274-277 4. All-Dielectric Resonant Metasurfaces with a Strong Toroidal Response, 2018, ACS Photonics, 5(5), pp. 1871-1876 5. High-quality trapped modes in all-dielectric metamaterials, 2018, Optics Express, 26(3), pp. 2905-2916 6. Recent development of conception of trapped modes in low-loss all-dielectric metamaterials, 2017, European Microwave Week 2017: "A Prime Year for a Prime Event", EuMW 2017 - Conference Proceedings; 47th European Microwave Conference, EuMC 2017, 2017-January, pp. 484-487 7. Sub-THz all-dielectric metasurface with a single bar per the cell, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544037, pp. 222-224 8. Resonant all-dielectric planar metamaterials, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538214 9. Electromagnetic wave diffraction by periodic planar metamaterials with nonlinear constituents (Book Chapter), 2015, Contemporary Optoelectronics: Materials, Metamaterials and Device Applications, pp. 81-98 10. Planar all-silicon metamaterial for terahertz applications, 2015, Applied Optics, 54(13), pp. 3986-3990 11. Shaping photoluminescence spectra with magnetoelectric resonances in all-dielectric nanoparticles, 2015, ACS Photonics, 2(2), pp. 172-177 12. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators, 2014, Telecommunications and Radio Engineering, 73(14), pp. 1229-1239 13. Shaping emission spectra of quantum dots by all-dielectric metasurfaces, 2014, Conference on Lasers and Electro-Optics Europe - Technical Digest 2014-January,6988794 14. Electromagnetic wave diffraction by periodic structures with nonlinear inclusions, 2013, Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 6657571, pp. 179-185 15. Nonlinear planar metamaterials sustained a trapped-mode resonant regime, 2013, European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, 06686711, pp. 537-540 16. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331253, pp. 312-315 17. A giant red shift and enhancement of the light confinement in a planar array of dielectric bars, 2012, Journal of Optics, 14(3),035103 	<p>15</p> <ol style="list-style-type: none"> 1. All-Dielectric Resonant Metasurfaces with a Strong Toroidal Response, 2018, ACS Photonics, 5(5), pp. 1871-1876 2. High-quality trapped modes in all-dielectric metamaterials, 2018, Optics Express, 26(3), pp. 2905-2916 3. Trapped Modes in a Single-Particle All-Dielectric Planar Metamaterial, 2018, 2018 1st International Conference on Optics, Photonics and Lasers (OPAL), Barcelona, Spain, pp. 70-73 4. QD Layer Luminescence Enhancement Via Coupling with Disk Metasurface in Trapped Mode Regime, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460246, pp. 83-86 5. Axial Toroidal Dipole Modes in All-Dielectric Trimer Metasurfaces, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460255, pp. 274-277 6. Recent development of conception of trapped modes in low-loss all-dielectric metamaterials, 2017, European Microwave Week 2017: "A Prime Year for a Prime Event", EuMW 2017 - Conference Proceedings; 47th European Microwave Conference, EuMC 2017, 2017-January, pp. 484-487 7. Resonant all-dielectric planar metamaterials, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538214 8. Sub-THz all-dielectric metasurface with a single bar per the cell, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544037, pp. 222-224 9. Electromagnetic wave diffraction by periodic planar metamaterials with nonlinear constituents (Book Chapter), 2015, Contemporary Optoelectronics: Materials, Metamaterials and Device Applications, pp. 81-98 10. Planar all-silicon metamaterial for terahertz applications, 2015, Applied Optics, 54(13), pp. 3986-3990 11. Shaping photoluminescence spectra with magnetoelectric resonances in all-dielectric nanoparticles, 2015, ACS Photonics, 2(2), pp. 172-177 12. Shaping emission spectra of quantum dots by all-dielectric metasurfaces, 2014, Conference on Lasers and Electro-Optics Europe - Technical Digest 2014-January,6988794 13. Nonlinear planar metamaterials sustained a trapped-mode resonant regime, 2013, European Microwave Week 2013, EuMW 2013 - Conference Proceedings; EuMC 2013: 43rd European Microwave Conference, 06686711, pp. 537-540 14. A giant red shift and enhancement of the light confinement in a planar array of dielectric bars, 2012, Journal of Optics, 14(3),035103 15. Formation of transverse modes with spatially-inhomogeneous polarization in the waveguide quasi-optical resonators of terahertz range, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331253, pp. 312-315
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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Батраков Дмитро Олегович	14	<ol style="list-style-type: none"> 1. Spectral Analysis of UWB Signals for Solving Problems of Plane-Layered Media Sensing, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520191, pp. 102-105 2. UWB Signal Processing for the Solving Inverse Scattering Problem of Plane-Layered Media, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520255, pp. 140-143 3. Comparative Study of the Goldfarb Iterative and the Genetic Algorithm Methods for Solving Inverse Problems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460316, pp. 221-225 4. Combined GPR data analysis technique for diagnostics of structures with thin near-surface layers, 2018, Diagnostyka, 19(3), pp. 11-20 5. Pavement deterioration model based on GPR datasets [Model degradacji nawierzchni na podstawie danych uzyskanych z badań metodą GPR], 2018, Roads and Bridges - Drogi i Mosty, 17(1), pp. 55-71 6. GPR application for the road pavements surveys, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075033, pp. 81-84 7. GPR data processing for evaluation of the subsurface cracks in road pavements, 2017, 2017 9th International Workshop on Advanced Ground Penetrating Radar, IWAGPR 2017 – Proceedings, 7996072 8. Remote sensing of plane-layered media with losses using UWB signals, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972666, pp. 370-373 9. Advances in short-range distance and permittivity ground-penetrating radar measurements for road surface surveying (Book Chapter), 2016, <i>Advanced Ultrawideband Radar: Signals, Targets, and Applications</i>, pp. 19-64 10. UWB signal processing during thin layers thickness assessment, 2016, 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 – Proceedings, 7778545, pp. 36-39 11. Inverse problems and UWB signals in biomedical engineering and remote sensing, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724174, pp. 148-151 12. Measuring of thickness of the asphalt pavement with Use of GPR, 2014, Proceedings International Radar Symposium, 6869300 13. Diffraction of cylindrical waves by a plane-stratified structure with a cylindrical inclusion, 2013, Radiophysics and Quantum Electronics, 56(5), pp. 304-314 14. Numerical simulation of UWB impulse response of plane layered media with 2D inclusion, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379763, pp. 153-155 	10	<ol style="list-style-type: none"> 1. Spectral Analysis of UWB Signals for Solving Problems of Plane-Layered Media Sensing, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520191, pp. 102-105 2. UWB Signal Processing for the Solving Inverse Scattering Problem of Plane-Layered Media, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520255, pp. 140-143 3. Comparative Study of the Goldfarb Iterative and the Genetic Algorithm Methods for Solving Inverse Problems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460316, pp. 221-225 4. Pavement deterioration model based on GPR datasets [Model degradacji nawierzchni na podstawie danych uzyskanych z badań metodą GPR], 2018, Roads and Bridges - Drogi i Mosty, 17(1), pp. 55-71 5. GPR application for the road pavements surveys, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075033, pp. 81-84 6. Remote sensing of plane-layered media with losses using UWB signals, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972666, pp. 370-373 7. Inverse problems and UWB signals in biomedical engineering and remote sensing, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724174, pp. 148-151 8. UWB signal processing during thin layers thickness assessment, 2016, 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 – Proceedings, 7778545, pp. 36-39 9. Measuring of thickness of the asphalt pavement with Use of GPR, 2014, Proceedings International Radar Symposium, 6869300 10. Diffraction of cylindrical waves by a plane-stratified structure with a cylindrical inclusion, 2013, Radiophysics and Quantum Electronics, 56(5), pp. 304-314
Радіо-фізики, біомедичної електроніки	Теоретичної радіо-фізики	Рибін Олег Миколайович	19	<ol style="list-style-type: none"> 1. Effective Microwave Electromagnetic Response of the Infinite Chain of Dielectric Coated Circular Metal Cylinders, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520158, pp. 214-217 2. Far field focusing for a microwave patch antenna with composite substrate, 	18	<ol style="list-style-type: none"> 1. Far field focusing for a microwave patch antenna with composite substrate, 2018, Results in Physics 8, pp. 971-976 2. Effective Microwave Electromagnetic Response of the Infinite Chain of Dielectric Coated Circular Metal Cylinders, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals,

ки та комп'ютерних систем			<p>2018, Results in Physics 8, pp. 971-976</p> <p>3. Microwave effective medium theory for metamaterial with cylindrical ferric inclusions with an arbitrary cross section form, 2018, Journal of Nano- and Electronic Physics 10(2),02013</p> <p>4. RLC-circuit effective medium approach for two-component non-magnetic metamaterials, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100422, pp. 127-131</p> <p>5. Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application, 2017, Journal of Computational Electronics, 16(2), pp. 369-381</p> <p>6. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70</p> <p>7. Utilization of double metal–dielectric composite substrates for microwave miniaturization of rectangular patch antennas, 2016, Journal of Computational Electronics, 15(3), pp. 1023-1027</p> <p>8. Theorem of two-layer magnetic composite for antenna substrate application, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538125</p> <p>9. Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates, 2016, International Journal of RF and Microwave Computer-Aided Engineering, 26(3), pp. 254-261</p> <p>10. Microwave miniaturization concept for narrow band rectangular patch antenna structures, 2015, International Journal of Applied Electromagnetics and Mechanics, 48(1), pp. 69-75</p> <p>11. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179</p> <p>12. Substrate application of magnetic metamaterial, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136879</p> <p>13. Effective permeability tensor of partially magnetized two-component metaferrites, 2014, Modern Physics Letters B, 28(25),1450199</p> <p>14. Unusual microwave effective properties of two-component metaferrites, 2014, International Journal of Applied Electromagnetics and Mechanics, 46(3), pp. 519-526</p> <p>15. Substrate application of electrically enhanced microwave metamaterials, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928697, pp. 202-204</p> <p>16. Microwave effective permeability tensor of partially magnetized two-component lossless ferrite-like metamaterials, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622188, pp. 127-129</p> <p>17. An advanced optimization technique for layer-specific characterization of slab metamaterials, 2013, International Journal of Modern Physics C, 24(4),1350019</p> <p>18. Alternative long wave layer-specific characterization of slab metamaterials, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331198, pp. 378-381</p> <p>19. Effective microwave magnetic response of two-component metaferrite, 2012, International Journal of Applied Electromagnetics and Mechanics, 40(3),</p>	<p>Proceedings, 8520158, pp. 214-217</p> <p>3. RLC-circuit effective medium approach for two-component non-magnetic metamaterials, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100422, pp. 127-131</p> <p>4. Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application, 2017, Journal of Computational Electronics, 16(2), pp. 369-381</p> <p>5. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70</p> <p>6. Utilization of double metal–dielectric composite substrates for microwave miniaturization of rectangular patch antennas, 2016, Journal of Computational Electronics, 15(3), pp. 1023-1027</p> <p>7. Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates, 2016, International Journal of RF and Microwave Computer-Aided Engineering, 26(3), pp. 254-261</p> <p>8. Theorem of two-layer magnetic composite for antenna substrate application, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538125</p> <p>9. Microwave miniaturization concept for narrow band rectangular patch antenna structures, 2015, International Journal of Applied Electromagnetics and Mechanics, 48(1), pp. 69-75</p> <p>10. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179</p> <p>11. Substrate application of magnetic metamaterial, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136879</p> <p>12. Effective permeability tensor of partially magnetized two-component metaferrites, 2014, Modern Physics Letters B, 28(25),1450199</p> <p>13. Unusual microwave effective properties of two-component metaferrites, 2014, International Journal of Applied Electromagnetics and Mechanics, 46(3), pp. 519-526</p> <p>14. Substrate application of electrically enhanced microwave metamaterials, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928697, pp. 202-204</p> <p>15. Microwave effective permeability tensor of partially magnetized two-component lossless ferrite-like metamaterials, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622188, pp. 127-129</p> <p>16. An advanced optimization technique for layer-specific characterization of slab metamaterials, 2013, International Journal of Modern Physics C, 24(4),1350019</p> <p>17. Alternative long wave layer-specific characterization of slab metamaterials, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331198, pp. 378-381</p> <p>18. Effective microwave magnetic response of two-component metaferrite, 2012, International Journal of Applied Electromagnetics and Mechanics, 40(3), pp. 185-193</p>
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Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Теоретичної радіофізики	Бутрим Олександр Юрійович	18	<ol style="list-style-type: none"> 1. Time Domain Modelling of Pulse Wave Scattering on Small Metal Spheres, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8519976, pp. 205-209 2. Mode Expansion in Time Domain technique for short pulse propagation in a regular waveguide with inhomogeneous smooth varying filling, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724165, pp. 117-119 3. Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538198 4. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200 5. Time domain analysis of transient radiation of dipole in dielectric sphere, 2015, International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136787 6. Physical features of mode basis in open dielectric structures with discrete and continuous spectrum, 2014, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 73(10), pp. 863-880 7. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257 8. Fast pulse guided wave in an optical waveguide, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622001, pp. 207-209 9. About possibility to create a small antenna based on inhomogeneous biconical line, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622092, pp. 470-472 10. Axially symmetric transient electromagnetic fields in a radially inhomogeneous biconical transmission line, 2013, Progress In Electromagnetics Research B, (48), pp. 375-394 11. Excitation of fast pulse guided wave in receiving dielectric rod antenna, 2013, 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650806, pp. 444-446 12. Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331278, pp. 172-175 13. Mode expansions in time domain, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379727, pp. 47-50 14. Properties of pulse surface waves in a dielectric waveguide, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379814, pp. 309-311 15. Rigorous calculation of ultra short pulse propagation in a shielded 	10	<ol style="list-style-type: none"> 1. Time Domain Modelling of Pulse Wave Scattering on Small Metal Spheres, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8519976, pp. 205-209 2. Mode Expansion in Time Domain technique for short pulse propagation in a regular waveguide with inhomogeneous smooth varying filling, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724165, pp. 117-119 3. Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538198 4. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200 5. Time domain analysis of transient radiation of dipole in dielectric sphere, 2015, International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136787 6. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257 7. Fast pulse guided wave in an optical waveguide, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622001, pp. 207-209 8. About possibility to create a small antenna based on inhomogeneous biconical line, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622092, pp. 470-472 9. Axially symmetric transient electromagnetic fields in a radially inhomogeneous biconical transmission line, 2013, Progress In Electromagnetics Research B, (48), pp. 375-394 10. Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331278, pp. 172-175

				<p>microstrip line using coupled mode expansion in time domain, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379807, pp. 284-287</p> <p>16. Anomalous wideband absorption in ultrathin copper wires, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379817, pp. 317-318</p> <p>17. Time-varying wiener filtering based on short-time fourier transform, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379813, pp. 305-308</p> <p>18. Effects of tem-horn antenna tapering, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379784, pp. 215-217</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Колчигін Микола Миколайович	18	<p>1. Methods of Active Protection of Small-Sized Ground Objects from Radiometric Millimeter Range Detection Systems, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520172, pp. 243-246</p> <p>2. Changes in puffing pattern of drosophila melanogaster (Diptera: Drosophilidae) polytene chromosomes after egg exposure to microwave radiation and magnetic field, 2018, Journal of Entomological Science, 53(3), pp. 295-306</p> <p>3. Decomposition method for determining the high reflected sections of a complex object surface, 2018, Telecommunications and Radio Engineering , 77(11), pp. 945-956</p> <p>4. Decomposition method for complex target RCS measuring, 2017, IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>5. Simulation of measuring RCS of complex scatterers by the decomposition method, 2017, Telecommunications and Radio Engineering, 76(12), pp. 1111-1120</p> <p>6. Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724179, pp. 167-170</p> <p>7. Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724176, pp. 156-159</p> <p>8. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538012</p> <p>9. The matrix radiometric system for the imaging of ground objects in the millimeter band, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538063</p> <p>10. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>11. Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field, 2015, Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and</p>	10	<p>1. Methods of Active Protection of Small-Sized Ground Objects from Radiometric Millimeter Range Detection Systems, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520172, pp. 243-246</p> <p>2. Changes in puffing pattern of drosophila melanogaster (Diptera: Drosophilidae) polytene chromosomes after egg exposure to microwave radiation and magnetic field, 2018, Journal of Entomological Science, 53(3), pp. 295-306</p> <p>3. Decomposition method for complex target RCS measuring, 2017, IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>4. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>5. Changes of chromatin and cell membranes in exfoliated human buccal epithelium cells exposed to non-ionizing and ionizing electromagnetic fields, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724179, pp. 167-170</p> <p>6. Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems, 2016, 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724176, pp. 156-159</p> <p>7. Modification of cellular effects of exposure to gamma-radiation by microwaves and magnetic field, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538012</p> <p>8. The matrix radiometric system for the imaging of ground objects in the millimeter band, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538063</p> <p>9. Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field, 2015, Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 2015-November, 7324286, pp. 162-164</p> <p>10. Multibeam antenna for the matrix radiometric imaging systems, 2015, International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136840</p>

				<p>Acoustic Wave Theory, DIPED, 2015-November, 7324286, pp. 162-164</p> <p>12. Multibeam antenna for the matrix radiometric imaging systems, 2015, International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136840</p> <p>13. Effect of microwave irradiation of low intensity and magnetic fields on the Ca²⁺ contents in pea root cells, 2013, CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6652679, pp. 1101-1102</p> <p>14. Multibeam antenna for the matrix of radiometric imaging system to imager operating, 2013, 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650804, pp. 438-440</p> <p>15. Plane circular array with steering time delay of pulse excitation, 2013, 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650766, pp. 326-328</p> <p>16. About influence of mutual coupling on pattern and wave form of pulse reradiated by Van Atta's array of tapered slot antennas, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379714, pp. 4</p> <p>17. Effects of ultra-wideband radiation on viability of human cells, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379758, pp. 137-139</p> <p>18. The accuracy in potential of establishing the position of ground based objects by the matrix radiometer systems of remote sensing, 2012, 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379746, pp. 102-104</p>		
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Легенький Максим Миколайович	29	<p>1. Calculation of Pulse Signal Propagation in Periodic Structures with Mode Expansion in Time Domain Method, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520139, pp. 85-89</p> <p>2. Electromagnetic Scattering for Complex Shape Objects with and without Cloaking, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520257, pp. 185-189</p> <p>3. Experimental Measuring of Bright Spots on Complex Shape Object Surface with Decomposition Method, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520217, pp. 181-184</p> <p>4. Axially Symmetric Diffraction Grating on Substrate in Dielectric Waveguide, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460298, pp. 262-265</p> <p>5. Facet Model Processing for Complex Shape Object Scattering Calculation, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460400, pp. 192-195</p> <p>6. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser, 2018, Telecommunications and Radio Engineering, 77(20), pp. 1845-1854</p> <p>7. Decomposition method for determining the high reflected sections of a complex object surface, 2018, Telecommunications and Radio Engineering, 77(11), pp. 945-956</p> <p>8. Decomposition method for complex target RCS measuring, 2017, 2017</p>	21	<p>1. Calculation of Pulse Signal Propagation in Periodic Structures with Mode Expansion in Time Domain Method, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520139, pp. 85-89</p> <p>2. Electromagnetic Scattering for Complex Shape Objects with and without Cloaking, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520257, pp. 185-189</p> <p>3. Experimental Measuring of Bright Spots on Complex Shape Object Surface with Decomposition Method, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520217, pp. 181-184</p> <p>4. Axially Symmetric Diffraction Grating on Substrate in Dielectric Waveguide, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460298, pp. 262-265</p> <p>5. Facet Model Processing for Complex Shape Object Scattering Calculation, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460400, pp. 192-195</p> <p>6. Decomposition method for complex target RCS measuring, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>7. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, pp. 671-674</p>

			<p>IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>9. Mode selective properties of the multi-ring diaphragms in a dielectric waveguide, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100326, pp. 671-674</p> <p>10. Generation of an azimuthal polarized beam in a terahertz waveguide laser, 2017, 2nd International Conference on Information and Telecommunication Technologies and Radio Electronics, UkrMiCo 2017 – Proceedings, 8095382</p> <p>11. Specific RCS for on-ground radiolocation target, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214</p> <p>12. Analysis of axially symmetric diffraction grating, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017 7972601, pp. 128-131</p> <p>13. Simulation of measuring RCS of complex scatterers by the decomposition method, 2017, Telecommunications and Radio Engineering, 76(12), pp. 1111-1120</p> <p>14. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser, 2017, Telecommunications and Radio Engineering, 76(17), pp. 1567-1579</p> <p>15. Influence of background surface on backscattering pattern of complex shape object, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>16. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror, 2016, Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 7851440, pp. 235-236</p> <p>17. BSP step for on-ground targets RCS measuring or calculation, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544052, pp. 306-309</p> <p>18. Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538198</p> <p>19. BSP step for complex target RCS measuring or calculation, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>20. Processing rcs distribution for complex shape objects, 2016, Telecommunications and Radio Engineering, 75(20), pp. 1825-1836</p> <p>21. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>22. Time domain analysis of transient radiation of dipole in dielectric sphere, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136787</p> <p>23. Physical features of mode basis in open dielectric structures with discrete and continuous spectrum, 2014, Telecommunications and Radio Engineering, 73(10), pp. 863-880</p> <p>24. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p>	<p>8. Specific RCS for on-ground radiolocation target, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214</p> <p>9. Analysis of axially symmetric diffraction grating, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017 7972601, pp. 128-131</p> <p>10. Influence of background surface on backscattering pattern of complex shape object, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>11. Characteristics of modes of dielectric waveguide resonator with a large-scale diffraction mirror, 2016, Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, 7851440, pp. 235-236</p> <p>12. BSP step for on-ground targets RCS measuring or calculation, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544052, pp. 306-309</p> <p>13. Pulse surface wave in closed circular waveguide with dielectric rod pulse surface wave, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538198</p> <p>14. BSP step for complex target RCS measuring or calculation, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>15. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200</p> <p>16. Time domain analysis of transient radiation of dipole in dielectric sphere, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136787</p> <p>17. Physical features of mode basis in open dielectric structures with discrete and continuous spectrum, 2014, Telecommunications and Radio Engineering, 73(10), pp. 863-880</p> <p>18. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p> <p>19. Fast pulse guided wave in an optical waveguide, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622001, pp. 207-209</p> <p>20. About possibility to create a small antenna based on inhomogeneous biconical line, 2013, Proceedings - 2013 International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622092, pp. 470-472</p> <p>21. Moving frame BOR-FDTD approach for long time simulation of pulse precursor propagation in a dielectric waveguide, 2012, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6331278, pp. 172-175</p>
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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Антюфєсва Марія Станіславівна	17	<ol style="list-style-type: none"> 1. Spectral Analysis of UWB Signals for Solving Problems of Plane-Layered Media Sensing, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520191, pp. 102-105 2. UWB Signal Processing for the Solving Inverse Scattering Problem of Plane-Layered Media, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520255, pp. 140-143 3. Comparative Study of the Goldfarb Iterative and the Genetic Algorithm Methods for Solving Inverse Problems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460316, pp. 221-225 4. Combined GPR data analysis technique for diagnostics of structures with thin near-surface layers, 2018, Diagnostyka, 19(3), pp. 11-20 5. Pavement deterioration model based on GPR datasets [Model degradacji nawierzchni na podstawie danych uzyskanych z badań metodą GPR], 2018, Roads and Bridges - Drogi i Mosty, 17(1), pp. 55-71 6. Decomposition method for complex target RCS measuring, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159 7. GPR application for the road pavements surveys, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075033, pp. 81-84 8. GPR data processing for evaluation of the subsurface cracks in road pavements, 2017, 2017 9th International Workshop on Advanced Ground Penetrating Radar, IWAGPR 2017 – Proceedings, 7996072 9. Remote sensing of plane-layered media with losses using UWB signals, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972666, pp. 370-373 10. UWB signal processing during thin layers thickness assessment, 2016, 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 – Proceedings, 	14	<ol style="list-style-type: none"> 1. Spectral Analysis of UWB Signals for Solving Problems of Plane-Layered Media Sensing, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520191, pp. 102-105 2. UWB Signal Processing for the Solving Inverse Scattering Problem of Plane-Layered Media, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520255, pp. 140-143 3. Comparative Study of the Goldfarb Iterative and the Genetic Algorithm Methods for Solving Inverse Problems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July,8460316, pp. 221-225 4. Pavement deterioration model based on GPR datasets [Model degradacji nawierzchni na podstawie danych uzyskanych z badań metodą GPR], 2018, Roads and Bridges - Drogi i Mosty, 17(1), pp. 55-71 5. Decomposition method for complex target RCS measuring, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100451, pp. 156-159 6. GPR application for the road pavements surveys, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075033, pp. 81-84 7. Remote sensing of plane-layered media with losses using UWB signals, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972666, pp. 370-373 8. UWB signal processing during thin layers thickness assessment, 2016, 2016 IEEE Radar Methods and Systems Workshop, RMSW 2016 – Proceedings, 7778545, pp. 36-39 9. Influence of background surface on backscattering pattern of complex shape object, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182 10. Inverse problems and UWB signals in biomedical engineering and

				<p>7778545, pp. 36-39</p> <p>11. Influence of background surface on backscattering pattern of complex shape object, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>12. Inverse problems and UWB signals in biomedical engineering and remote sensing, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724174, pp. 148-151</p> <p>13. BSP step for on-ground targets RCS measuring or calculation, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544052, pp. 306-309</p> <p>14. BSP step for complex target RCS measuring or calculation, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>15. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M 52, pp. 191-200</p> <p>16. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p> <p>17. Electromagnetic field in a dispersive medium filled cavity under pulse train excitation, 2012, 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379812, pp. 302-304</p>		<p>remote sensing, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724174, pp. 148-151</p> <p>11. BSP step for on-ground targets RCS measuring or calculation, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544052, pp. 306-309</p> <p>12. BSP step for complex target RCS measuring or calculation, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>13. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M 52, pp. 191-200</p> <p>14. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Шульга Сергій Миколайович	14	<p>1. RLC-circuit effective medium approach for two-component non-magnetic metamaterials, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100422, pp. 127-131</p> <p>2. Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application, 2017, Journal of Computational Electronics, 16(2), pp. 369-381</p> <p>3. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70</p> <p>4. Optical properties of colloidal gold nanoparticles implemented into a subsurface layer of fused silica, 2017, Ukrainian Journal of Physical Optics, 18(2), pp. 102-108</p> <p>5. Study of plasma frequency for Al-In alloys with different concentrations, 2017, Ukrainian Journal of Physical Optics, 18(4), pp. 225-231</p> <p>6. Utilization of double metal–dielectric composite substrates for microwave miniaturization of rectangular patch antennas, 2016, Journal of Computational Electronics, 15(3), pp. 1023-1027</p> <p>7. Theorem of two-layer magnetic composite for antenna substrate application, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538125</p> <p>8. Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates, 2016, International Journal of RF and Microwave Computer-Aided Engineering, 26(3), pp. 254-261</p> <p>9. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179</p> <p>10. Substrate application of magnetic metamaterial, 2015, 2015 International</p>	8	<p>1. RLC-circuit effective medium approach for two-component non-magnetic metamaterials, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 – Proceedings, 8100422, pp. 127-131</p> <p>2. Advanced microwave effective medium theory for two-component nonmagnetic metamaterials: fundamentals and antenna substrate application, 2017, Journal of Computational Electronics, 16(2), pp. 369-381</p> <p>3. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70</p> <p>4. Utilization of double metal–dielectric composite substrates for microwave miniaturization of rectangular patch antennas, 2016, Journal of Computational Electronics, 15(3), pp. 1023-1027</p> <p>5. Theorem of two-layer magnetic composite for antenna substrate application, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538125</p> <p>6. Profile miniaturization and performance improvement of a rectangular patch antenna using magnetic metamaterial substrates, 2016, International Journal of RF and Microwave Computer-Aided Engineering, 26(3), pp. 254-261</p> <p>7. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179</p> <p>8. Substrate application of magnetic metamaterial, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136879</p>

				<p>Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136879</p> <p>11. The spectral analysis of a cylindrical-radial waveguide junction with laminated dielectric filling, 2013, CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6653025, pp. 710-711</p> <p>12. Time-varying wiener filtering based on short-time fourier transform, 2012, 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379813, pp. 305-308</p> <p>13. Measurement of anisotropic dielectrics in the semi-opened waveguide structures, 2012, CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6336222, pp. 855-856</p> <p>14. The spectral analysis of a cylindrical - Radial waveguide junction with laminated dielectric filling, 2012, Telecommunications and Radio Engineering, 71(1), pp. 23-29</p>		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретичної радіо-фізики	Биков Віктор Миколайович	7	<p>1. Methods of Active Protection of Small-Sized Ground Objects from Radiometric Millimeter Range Detection Systems, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520172, pp. 243-246</p> <p>2. Comparison of the Efficiency of Some Images Superposition Algorithms Used in Aircraft Map-Matching Navigation Systems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460319, pp. 282-285</p> <p>3. Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724176, pp. 156-159</p> <p>4. The matrix radiometric system for the imaging of ground objects in the millimeter band, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538063</p> <p>5. Multibeam antenna for the matrix radiometric imaging systems, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136840</p> <p>6. Multibeam antenna for the matrix of radiometric imaging system to imager operating, 2013, 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650804, pp. 438-440</p> <p>7. The accuracy in potential of establishing the position of ground based objects by the matrix radiometer systems of remote sensing, 2012, 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379746, pp. 102-104</p>	5	<p>1. Methods of Active Protection of Small-Sized Ground Objects from Radiometric Millimeter Range Detection Systems, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520172, pp. 243-246</p> <p>2. Comparison of the Efficiency of Some Images Superposition Algorithms Used in Aircraft Map-Matching Navigation Systems, 2018, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2018-July, 8460319, pp. 282-285</p> <p>3. Methods of assessing the effectiveness of the protection of small ground objects from passive-active radiometric detection systems, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724176, pp. 156-159</p> <p>4. The matrix radiometric system for the imaging of ground objects in the millimeter band, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538063</p> <p>5. Multibeam antenna for the matrix radiometric imaging systems, 2015, 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136840</p>
Радіо-фізики, біомедичної електроніки та	Теоретичної радіо-фізики	Масловський Олександр Андрійович	9	<p>1. <u>Experimental Measuring of Bright Spots on Complex Shape Object Surface with Decomposition Method</u>, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520217, pp. 181-184</p> <p>2. <u>Decomposition method for complex target RCS measuring</u>, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON</p>	8	<p>1. <u>Experimental Measuring of Bright Spots on Complex Shape Object Surface with Decomposition Method</u>, 2018, UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520217, pp. 181-184</p> <p>2. <u>Decomposition method for complex target RCS measuring</u>, 2017, 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering,</p>

комп'ютерних систем			<p>2017 – Proceedings, 8100451, pp. 156-159</p> <p>3. <u>Specific RCS for on-ground radiolocation target</u>, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214</p> <p>4. <u>Simulation of measuring RCS of complex scatterers by the decomposition method</u>, 2017, <u>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</u>, 76(12), pp. 1111-1120</p> <p>5. <u>Influence of background surface on backscattering pattern of complex shape object</u>, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>6. <u>BSP step for on-ground targets RCS measuring or calculation</u>, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544052, pp. 306-309</p> <p>7. <u>BSP step for complex target RCS measuring or calculation</u>, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>8. <u>Processing rcs distribution for complex shape objects</u>, 2016, <u>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</u>, 75(20), pp. 1825-1836</p> <p>9. <u>Specific RCS for describing the scattering characteristic of complex shape objects</u>, 2016, <u>Progress In Electromagnetics Research M</u>, 52, pp. 191-200</p>		<p>UKRCON 2017 – Proceedings, 8100451, pp. 156-159</p> <p>3. <u>Specific RCS for on-ground radiolocation target</u>, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214</p> <p>4. <u>Simulation of measuring RCS of complex scatterers by the decomposition method</u>, 2017, <u>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</u>, 76(12), pp. 1111-1120</p> <p>5. <u>Influence of background surface on backscattering pattern of complex shape object</u>, 2016, 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724182, pp. 179-182</p> <p>6. <u>BSP step for on-ground targets RCS measuring or calculation</u>, 2016, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 2016-August,7544052, pp. 306-309</p> <p>7. <u>BSP step for complex target RCS measuring or calculation</u>, 2016, 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538076</p> <p>8. <u>Specific RCS for describing the scattering characteristic of complex shape objects</u>, 2016, <u>Progress In Electromagnetics Research M</u>, 52, pp. 191-200</p>
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Фізика НВЧ	Погарський Сергій Олександрович	<p>10</p> <p>1. Singular integral equations in diffraction by multilayer grating of graphene strips in the THz range. EPJ Applied Physics, Volume 82, Issue 2, 1 May 2018</p> <p>2. Modeling of Graphene Planar Grating in the THz Range by the Method of Singular Integral Equations. Frequenz Volume 72, Issue 5-6, 25 April 2018, Pages 277-284</p> <p>3. Method of singular integral equations in diffraction by semiinfinite grating: E-polarization case. Turkish Journal of Electrical Engineering and Computer Sciences, Volume 26, Issue 5, 2018, Pages 2406-2416</p> <p>4. Wave diffraction by semi-infinite venetian blind type grating. IEEE Transactions on Antennas and Propagation Volume 61, Issue 12, December 2013, Номер статті 6595561, Pages 6120-6127</p> <p>5. Operator methods in the problem of wave diffraction by two graphene strips located within parallel planes, Telecommunications and Radio Engineering, Volume 76, Issue 13, 2017, Pages 1141-1147</p> <p>6. A leaky-wave antenna on the basis of an inverted dielectric waveguide, Telecommunications and Radio Engineering, Volume 77, Issue 10, 2018, Pages 853-862</p> <p>7. Influence of excitation method on the integral characteristics of the circular patch monopole antennas, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) Volume 77, Issue 17, 2018, Pages 1485-1495</p> <p>8. Diffraction by Finite Graphene Grating Above Perfectly Electric Conducting Plane. UWBUSIS 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Odessa; Ukraine; 2018, Proceedings, P. 94-979</p> <p>9. Modeling of Wave Scattering by Graphene Strip Gratings Using Integral Equations Combined with Operator Method. International Conference on</p>	8	<p>1. Singular integral equations in diffraction by multilayer grating of graphene strips in the THz range. EPJ Applied Physics, Volume 82, Issue 2, 1 May 2018</p> <p>2. Modeling of Graphene Planar Grating in the THz Range by the Method of Singular Integral Equations. Frequenz Volume 72, Issue 5-6, 25 April 2018, Pages 277-284</p> <p>3. Method of singular integral equations in diffraction by semiinfinite grating: E-polarization case. Turkish Journal of Electrical Engineering and Computer Sciences, Volume 26, Issue 5, 2018, Pages 2406-2416</p> <p>4. Wave diffraction by semi-infinite venetian blind type grating. IEEE Transactions on Antennas and Propagation Volume 61, Issue 12, December 2013, Номер статті 6595561, Pages 6120-6127</p> <p>5. Operator methods in the problem of wave diffraction by two graphene strips located within parallel planes, Telecommunications and Radio Engineering, Volume 76, Issue 13, 2017, Pages 1141-1147</p> <p>6. A leaky-wave antenna on the basis of an inverted dielectric waveguide, Telecommunications and Radio Engineering, Volume 77, Issue 10, 2018, Pages 853-862</p> <p>7. Influence of excitation method on the integral characteristics of the circular patch monopole antennas, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) Volume 77, Issue 17, 2018, Pages 1485-1495</p> <p>8. Diffraction by Finite Graphene Grating Above Perfectly Electric Conducting Plane. UWBUSIS 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Odessa; Ukraine; 2018, Proceedings, P. 94-979</p>

				Mathematical Methods in Electromagnetic Theory, MMET, 2018, P. 30-33 10. Diffraction by two semi-infinite gratings placed in the same plane 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017, Proceedings, P. 84-88		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізика НВЧ	Каліберда Мстислав Євгенович	5	<ol style="list-style-type: none"> 1. Singular integral equations in diffraction by multilayer grating of graphene strips in the THz range. EPJ Applied Physics, Volume 82, Issue 2, 1 May 2018 2. Modeling of Graphene Planar Grating in the THz Range by the Method of Singular Integral Equations. Frequenz Volume 72, Issue 5-6, 25 April 2018, Pages 277-284 3. Method of singular integral equations in diffraction by semi-infinite grating: E-polarization case. Turkish Journal of Electrical Engineering and Computer Sciences, Volume 26, Issue 5, 2018, Pages 2406-2416 4. Wave diffraction by semi-infinite venetian blind type grating. IEEE Transactions on Antennas and Propagation, Volume 61, Issue 12, December 2013, Номер статті 6595561, Pages 6120-6127 5. Operator methods in the problem of wave diffraction by two graphene strips located within parallel planes, Telecommunications and Radio Engineering, Volume 76, Issue 13, 2017, Pages 1141-1147 	3	<ol style="list-style-type: none"> 1. Singular integral equations in diffraction by multilayer grating of graphene strips in the THz range. EPJ Applied Physics, Volume 82, Issue 2, 1 May 2018 2. Modeling of Graphene Planar Grating in the THz Range by the Method of Singular Integral Equations. Frequenz Volume 72, Issue 5-6, 25 April 2018, Pages 277-284 3. Wave diffraction by semi-infinite venetian blind type grating. IEEE Transactions on Antennas and Propagation, Volume 61, Issue 12, December 2013, Номер статті 6595561, Pages 6120-6127
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізика НВЧ	Майборода Дмитро Володимирович	5	<ol style="list-style-type: none"> 1. A leaky-wave antenna on the basis of an inverted dielectric waveguide, Telecommunications and Radio Engineering, Volume 77, Issue 10, 2018, Pages 853-862 2. Influence of excitation method on the integral characteristics of the circular patch monopole antennas, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) Volume 77, Issue 17, 2018, Pages 1485-1495 3. Impact of the design features on the integral characteristics of monopole disk resonators, Telecommunications and Radio Engineering, Volume 76, Issue 11, 2017, Pages 953-961 4. Optimization of the integral parameters of disk microstrip antennas with radiators of complex geometry, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) Volume 75, Issue 9, 2016, Pages 763-769 5. Microstrip disk antenna with complicated radiators, Telecommunications and Radio Engineering, Volume 74, Issue 20, 2015, Pages 1777-1782 	3	<ol style="list-style-type: none"> 1. Impact of the design features on the integral characteristics of monopole disk resonators, Telecommunications and Radio Engineering, Volume 76, Issue 11, 2017, Pages 953-961 2. Optimization of the integral parameters of disk microstrip antennas with radiators of complex geometry, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) Volume 75, Issue 9, 2016, Pages 763-769 3. Microstrip disk antenna with complicated radiators, Telecommunications and Radio Engineering, Volume 74, Issue 20, 2015, Pages 1777-1782
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Горобець Микола Миколайович	38	<ol style="list-style-type: none"> 1. Gorobets, N.N., Yelizarenko, A.A. Analysis of power characteristics of mobile radio communication channels Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 2018. 77(4), C. 283-295 2. Gorobets, N.N., Stasyuk, N.N. Wave effects and electromagnetic field distribution on the axis of a dielectric two-axial ellipsoid with loss Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 2017. 76(19), C. 1689-1704 3. Yeliseyeva, N.P., Gorobets, N.N., Gorobets, A.N. Characteristics of near field of the horizontal vibrator located above a square screen Journal of Communications Technology and Electronics 2016. 61(7), C. 749-766 4. Gorobets, N.N., Ovsyannikova, E.E. Electromagnetic fields and waves 	25	<ol style="list-style-type: none"> 1. The radiation characteristics of two parallel electric dipoles with a finite screen Gorobets, N. N.; Eliseeva, N. P. JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS AUG 2013 58 8 753 761 2. Electrodynamic characteristics of a four-vibrator radiator with a square screen Gorobets, N. N.; Yeliseyeva, N. P. JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS MAY 2015 60 5 454 469 3. Characteristics of Directivity of Vibrator Antennas Placed Parallel to Flat Screen Bulgakova, A. A.; Gorobets, N. N.; Lyashchenko, V. A. 2017 XI INTERNATIONAL CONFERENCE ON ANTENNA THEORY AND TECHNIQUES (ICATT) 2017 250 253

			<p>near aperture antennas of large electrical sizes. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). 2016. 75(12), C. 1041-1050</p> <p>5. Gorobets, N.N., Ovsyannikova, E.E. Wave processes in the near-field zone of weakly directive aperture radiators of electromagnetic waves. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). 2016. 75(8), C. 705-718</p> <p>6. Gorobets, N.N., Yeliseyeva, N.P. Electrodynamic characteristics of a four-vibrator radiator with a square screen. Journal of Communications Technology and Electronics. 2015. 60(5), C. 454-469</p> <p>7. Gorobets, N.N., Yelizarenko, A.A. Multiband piramidal horn antennas with identical main lobe widths of the directional patterns. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). 2014. 73(9), C. 757-766</p> <p>8. Gorobets, N.N., Eliseeva, N.P. 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Gorobets, N.N., Bulgakova, A.A., Lvashchenko, V.A., Gorobets, A.N. Optimizing the Vibrator Antenna, Parallel to a Flat Screen, by the Maximum Directive Gain in the Normal Direction / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520248, c. 372-375</p> <p>13. Ovsyannikov, V.V., Morozov, V.V., Beznosova, E.R., Tsytko, L.Z., Gorobets, N.N. Broadband Antennas with Reactive Loads / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520020, c. 353-35</p> <p>14. Gorobets, N.N., Lebedev, A.S., Elizarenko, A.A. Spatial distribution of the amplitude of electromagnetic waves in the near zone of linear and flat antenna arrays / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972615, c. 180-182</p> <p>15. Bulgakova, A.A., Gorobets, N.N., Lyashchenko, V.A. 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Радіо-фізики, біомедичної електроні	Прикладної електродинаміки	Кийко Віктор Іванович	13	<p>1. S. L. Berdnik, V. A. Katrich, V. I. Kiyko, M. V. Nesterenko, Yu. M. Penkin Power characteristics of a t-junction of rectangular waveguides with a multi-element monopole-slotted coupling structure. Telecommunications and Radio Engineering . Vol 75, 2016, pages 489-506.</p> <p>2. S. L. Berdnik, Y. M. Penkin, V. A. Katrich, M. V. Nesterenko, V. I.</p>	4	<p>1. Gorobets, N. N.; Kiyko, V. I.; Gorobets, V. N. Analysis of cross-polarized radiation of optimized reflector antennas /2013 international kharkov symposium on physics and engineering of microwaves, millimeter and submillimeter waves (MSMW) 2013, c.458-460</p> <p>2. Berdnik, S. L.; Katrich, V. A.; Kiyko, V. I.; Nesterenko, M. V.;</p>

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				<p>and Radio Engineering (English translation of <i>Elektrosvyaz and Radiotekhnika</i>) 201675(9), c. 771-780</p> <p>12. <u>Berdnik, S.L., Blinova, N.K., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. Spherical antenna with a Clavin radiator./</u>Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED2015-November,7324256, c. 75-77.</p> <p>13. <u>Yatsuk, L.P., Blinova, N.K., Lyakhovsky, A.F., Lyakhovsky, A.A., Selutin, A.V. Theory questions of waveguide-slot structures with dielectric insertions./</u> 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings7136823</p> <p>14. <u>Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Blinova, N.K. Spherical antenna excited by a slot in an impedance end-wall with losses of a rectangular waveguide./</u> CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings6959494, c. 491-492</p> <p>15. <u>Blinova, N.K., Gorobets, N.N., Selutin, A.V. Longitudinal-transverse waveguide polarization selectors./</u> CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings6653026, c. 712-713.</p> <p>16. <u>Blinova, N.K., Yatsuk, L.P. Optimization of parameters of resonance system based on transverse slots in the rectangular waveguide with slow-wave structure./</u> 2013 9th International Conference on Antenna Theory and Techniques, ICATT 20136650711, c. 160-162.</p> <p>17. <u>Selutin, A., Blinova, N., Yatsuk, L. Energy and polarization characteristics of X-slots in the waveguide with a dielectric heterogeneity and complex loa./</u> 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings 6379806, c. 281-283.</p> <p><u>Blinova, N., Yatsuk, L., Lyakhovsky, A. Energy parameters and directional characteristics of a finite system of transverse slots in rectangular waveguide with the dielectric layer./</u> 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings6379810, c. 294-296</p>		<p>Katrich, V. A.; Nesterenko, M. V.; Penkin, Yu. M. 2015 XXTH IEEE INTERNATIONAL SEMINAR/WORKSHOP ON DIRECT AND INVERSE PROBLEMS OF ELECTROMAGNETIC AND ACOUSTIC WAVE THEORY 2015 c.75-77</p>
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Селютин Андрій Вікторович	7	<p>1. <u>Blinova, N., Yatsuk, L., Lyahovskiy, A., Kiyko, V., Selutin, A. A Slot in the End Wall of a Rectangular Waveguide with a Dielectric Insert as an Irradiator of Fragments of the Material Medium /</u>UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520185, c. 194-197.</p> <p>2. <u>Blinova, N.K., Yatsuk, L.P., Selutin, A.V. Microwave irradiator in the form of a piece of rectangular waveguide with dielectric insertion and narrow slot./</u> 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017 7972633, c. 246-249.</p> <p>3. <u>Blinova, N.K., Yatsuk, L.P., Sachko, V.O., Selutin, A.V. On the reliability of the mathematical model of coupling the waveguide and free half space by a wire segment through a small round aperture./</u> 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016 7724170, c. 136-138.</p> <p>4. <u>Blinova, N.K., Yatsuk, L.P., Selyutin, A.V. Synthesis of a transverse slot grating in a slow wave-supporting waveguide with specified</u></p>	3	<p>1. Blinova, N. K.; Yatsuk, L. P.; Selutin, A. V. Microwave Irradiator in the Form of a Piece of Rectangular Waveguide with Dielectric Insertion and Narrow Slot / 2017 XI international conference on antenna theory and techniques (ICATT) 2017 c. 246-249</p> <p>2. Blinova, N. K.; Yatsuk, L. P.; Sachko, V. O.; Selutin, A. V. On the Reliability of the Mathematical Model of Coupling the Waveguide and Free Half Space by a Wire Segment Through a Small Round Aperture 2016 8th international conference on ultrawideband and ultrashort impulse signals (UWBUSIS) 2016 c. 136-138</p> <p>3. Yatsuk, L. P.; Blinova, N. K.; Lyakhovsky, A. F.; Lyakhovsky, A. A.; Selutin, A. V. Theory questions of waveguide-slot structures with dielectric insertions 2015 international conference on antenna theory and techniques (ICATT) 2015</p>

				<p>power and directivity characteristics in the case of frequency scanning/ <u>Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika)</u> 2016 75(9), c. 771-780</p> <p>5. <u>Yatsuk, L.P., Blinova, N.K., Lyakhovsky, A.F., Lyakhovsky, A.A., Selutin, A.V. Theory questions of waveguide-slot structures with dielectric insertions./ 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings 7136823</u></p> <p>6. <u>Blinova, N.K., Gorobets, N.N., Selutin, A.V. Longitudinal-transverse waveguide polarization selectors./ CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6653026, c. 712-713.</u></p> <p><u>Selutin, A., Blinova, N., Yatsuk, L. Energy and polarization characteristics of X-slots in the waveguide with a dielectric heterogeneity and complex loa./ 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings 6379806, c. 281-283.</u></p>		
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Думін Олександр Миколайович	25	<ol style="list-style-type: none"> 1. Dumin O., Akhmedov R. Ultrashort Impulse Radiation from Plane Disk with Uniform Current Distribution // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 169–173. 2. Dumin O.M., Prishchenko O., Shyrokorad D., Plakhtii V. Application of UWB Electromagnetic Waves for Subsurface Object Location Classification by Artificial Neural Networks // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 290–293. 3. Lyakhovsky A., Katrich V., Dumin O., Yatsuk L., Lyakhovsky A. Electromagnetic Wave Scattering on Longitudinal Slot with Layered Medium in Rectangular Waveguide // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 226–229. 4. Dumin O., Prishchenko O., Pochanin G., Plakhtii V., Shyrokorad D. Subsurface Object Identification by Artificial Neural Networks and Impulse Radiolocation // 2018 IEEE Second International Conference on Data Stream Mining & Processing (DSMP-2018), August 21-25, 2018, Lviv, Ukraine.- P. 434-437. 5. Akhmedov R., Dumin O., Katrich V. Impulse radiation of antenna with circular aperture // Telecommunications and radio engineering. – 2018. – V.77 (20). – P.1767–1784. 6. Plakhtii V.A., Dumin O.M., Prishchenko O.A. Near Radiation Zone of Six Short Impulse Radiators // 2017 IEEE International Young Scientists Forum on Applied Physics and Engineering (YSF-2017), October 17-20, 2017, Lviv, Ukraine.- P. 251-254. 7. Plakhtii V.A., Dumin O.M., Prishchenko O.A. Transient Radiation of System of Four Noncollinear Dipoles // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON), May 29-June 2, 2017, Kyiv, Ukraine.- P. 225-228. 8. Dumin O.M., Akhmedov R.D., Katrich V.A., Dumina O.O. Transient Radiation of Circle with Uniform Current Distribution // 2017 IEEE First Ukraine 	13	<ol style="list-style-type: none"> 1. Radiation of Two Small Impulse Current Radiators Dumin, O. M.; Plakhtii, V. A.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2016 81 84 2. Evolutionary Approach for the Problems of Transient Electromagnetic Field Propagation in Nonlinear Medium Dumin, O. M.; Katrich, V. A.; Akhmedov, R. D.; Tretyakov, O. A.; Dumina, O. O. 2014 INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET) 2014 57 60 3. Transient Radiation of System of Four Noncollinear Dipoles Plakhtii, V. A.; Dumin, O. M.; Prishchenko, O. A. 2017 IEEE FIRST UKRAINE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (UKRCON) 2017 227 230 4. Near Radiation Zone of Six Short Impulse Radiators Plakhtii, V. A.; Dumin, O. M.; Prishchenko, O. A. 2017 IEEE INTERNATIONAL YOUNG SCIENTISTS FORUM ON APPLIED PHYSICS AND ENGINEERING (YSF) 2017 251 254 5. PROPAGATION OF TRANSIENT FIELD RADIATED FROM PLANE DISK IN NONLINEAR MEDIUM Dumin, O. M.; Akhmedov, R. D.; Katrich, V. A.; Dumina, O. O. 2016 8TH INTERNATIONAL CONFERENCE ON ULTRAWIDEBAND AND ULTRASHORT IMPULSE SIGNALS (UWBUSIS) 2016 77 80 6. Field Regions of Impulse Current Radiator of Small Size Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O. 2016 9TH INTERNATIONAL KHARKIV SYMPOSIUM ON PHYSICS AND ENGINEERING OF MICROWAVES, MILLIMETER AND SUBMILLIMETER WAVES (MSMW) 2016 7. Energy Transformation of Transient Field of Herzian Dipole Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. 2016 IEEE INTERNATIONAL CONFERENCE ON MATHEMATICAL METHODS IN ELECTROMAGNETIC THEORY (MMET) 2016 314 317 8. TRANSIENT FIELD RADIATION OF PLANE DISK

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Плахтій Вадим Анатолійович	8	<p>1. Dumin O.M., Prishchenko O., Shyrokorad D., Plakhtii V. Application of UWB Electromagnetic Waves for Subsurface Object Location Classification by Artificial Neural Networks // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 290–293.</p> <p>2. Dumin O., Prishchenko O., Pochanin G., Plakhtii V., Shyrokorad D. Subsurface Object Identification by Artificial Neural Networks and Impulse Radiolocation // 2018 IEEE Second International Conference on Data Stream Mining & Processing (DSMP-2018), August 21-25, 2018, Lviv, Ukraine.- P. 434-437.</p> <p>3. Plakhtii V.A., Dumin O.M., Prishchenko O.A. Near Radiation Zone of Six Short Impulse Radiators // 2017 IEEE International Young Scientists Forum on Applied Physics and Engineering (YSF-2017), October 17-20, 2017, Lviv, Ukraine.- P. 251-254.</p> <p>4. Plakhtii V.A., Dumin O.M., Prishchenko O.A. Transient Radiation of System of Four Noncollinear Dipoles // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON), May 29-June 2, 2017, Kyiv, Ukraine.- P. 225-228.</p> <p>5. Dumin O.M., Plakhtii V.A., Katrich V.A., Dumina O.O., Volvach I.S. Radiation of two small impulse current radiators // Proc. 8th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2016).</p>	7	<p>1. Dumin, O. M.; Plakhtii, V. A.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. Radiation of Two Small Impulse Current Radiators /2016 8th international conference on ultrawideband and ultrashort impulse signals (UWBUSIS) 2016 c.81-84</p> <p>2. Plakhtii, V. A.; Dumin, O. M.; Prishchenko, O. A. Transient Radiation of System of Four Noncollinear / Dipoles 2017 IEEE first ukraine conference on electrical and computer engineering (UKRCON) 2017 c.227-230</p> <p>3. Plakhtii, V. A.; Dumin, O. M.; Prishchenko, O. A. Near Radiation Zone of Six Short Impulse Radiators / 2017 IEEE international young scientists forum on applied physics and engineering (YSF) 2017 c.251-254</p> <p>4. Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O. Field Regions of Impulse Current Radiator of Small Size / 2016 9th international kharkiv symposium on physics and engineering of microwaves, millimeter and submillimeter waves (MSMW) 2016</p> <p>5. Krivonos, A. P.; Plakhtii, V. A. Comparison of Single Station Methods for Analysis of Tweek Atmospherics / 2016 IEEE international conference on mathematical methods in electromagnetic theory (MMET) 2016 c.165-168</p> <p>6. Plakhtii, V. A.; Dumin, O. M.; Katrich, V. A.; Dumina, O. O.; Volvach, I. S. Energy Transformation of Transient Field of Herzian Dipole / 2016 IEEE international conference on mathematical methods in electromagnetic</p>

				<p>– Odessa (Ukraine, September 5-11). – 2016. – P. 81–84.</p> <p>6. Plakhtii V. A., Dumin O. M., Katrich V. A., Dumina O. O., Volvach I. S. Energy transformation of transient field of herzian dipole // Proc. 16 th IEEE International Conference on Mathematical Methods in Electromagnetic Theory (MMET–2016). – Lviv (Ukraine, July 5-7). – 2016. – EMA-8.</p> <p>7. Plakhtii V. A., Dumin O. M., Katrich V. A., Dumina O. O. Field regions of impulse current radiator of small size // Proc. 9 th International Kharkiv Symposium On Physics And Engineering Of Microwaves, Millimeter And Submillimeter Waves (MSMW–2016). – Kharkiv (Ukraine, June 21-24). – 2016. – D-27.</p> <p>8. Dumin O.M., Plakhtii V.A., Volvach I.S., Pshenichnaya S.V., Dumina O.O. Near field of Hertzian dipole excited by impulse current // Proc. 10th International Conference on Antenna Theory and Techniques (ICATT-2015), 21-24 April, 2015, Kharkiv, Ukraine.- P. 90-92.</p>		<p>theory (MMET) 2016 c.314-317</p> <p>7. Dumin, O. M.; Plakhtii, V. A.; Volvach, I. S.; Pshenichnaya, S., V; Dumina, O. O. Near field of hertzian dipole excited by impulse current / 2015 international conference on antenna theory and techniques (ICATT) 2015</p>
Радіо-фізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Ахмедов Ролан Джавадович	7	<p>1. Dumin O., Akhmedov R. Ultrashort Impulse Radiation from Plane Disk with Uniform Current Distribution // Proc. 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2018). – Odessa (Ukraine, September 4-7). – 2018. – P. 169–173.</p> <p>2. Akhmedov R., Dumin O., Katrich V. Impulse radiation of antenna with circular aperture // Telecommunications and radio engineering. – 2018. – V.77 (20). – P.1767–1784.</p> <p>3. Dumin O.M., Akhmedov R.D., Katrich V.A., Dumina O.O. Transient Radiation of Circle with Uniform Current Distribution // 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON), May 29-June 2, 2017, Kyiv, Ukraine.- P. 261-265.</p> <p>4. Dumin O., Akhmedov R., Dumina O.O. Transient field radiation of plane disk into nonlinear medium // Праці IEEE Міжнародної конференції з інформаційно-телекомунікаційних технологій та радіоелектроніки (UkrMiCo'2016). – Київ (Україна, вересень 11-15). – 2016. – P. 148–151.</p> <p>5. Dumin O.M., Akhmedov R.D., Katrich V.A., and Dumina O.O. Propagation of transient field radiated from plane disk in nonlinear medium // Proc. 8th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS–2016). – Odessa (Ukraine, September 5-11). – 2016. – P. 77–80.</p> <p>6. Dumin O.M., Tretyakov O.A., Akhmedov R.D., and Dumina O.O. Transient electromagnetic field propagation through nonlinear medium in time domain // Proc. 10th International Conference on Antenna Theory and Techniques (ICATT-2015), 21-24 April, 2015, Kharkiv, Ukraine.- P. 93-95.</p> <p>7. Dumin O.M., Katrich V.A., Akhmedov R.D., Tretyakov O.A., Dumina O.O. Evolutionary Approach for the Problems of Transient Electromagnetic Field Propagation in Nonlinear Medium // Proc. XV International Conf. on Math. Methods in Electromagnetic Theory (MMET–2014). – Dnipropetrovsk (Ukraine, Aug. 26-28). – 2014. – P. 57-60.</p>	4	<p>1. Dumin, O. M.; Katrich, V. A.; Akhmedov, R. D.; Tretyakov, O. A.; Dumina, O. O. Evolutionary Approach for the Problems of Transient Electromagnetic Field Propagation in Nonlinear Medium / 2014 international conference on mathematical methods in electromagnetic theory (MMET) 2014 c.57-60</p> <p>2. Dumin, O. M.; Akhmedov, R. D.; Katrich, V. A.; Dumina, O. O. Propagation of transient field radiated from plane disk in nonlinear medium / 2016 8th international conference on ultrawideband and ultrashort impulse signals (UWBUSIS) 2016 c.77-80</p> <p>3. Dumin, O. M.; Akhmedov, R. D.; Dumina, O. O. Transient field radiation of plane disk into nonlinear medium / 2016 international conference radio electronics & info communications (UKRMICO) 2016</p> <p>4. Dumin, O. M.; Tretyakov, O. A.; Akhmedov, R. D.; Dumina, O. O. Transient electromagnetic field propagation through nonlinear medium in time domain / 2015 international conference on antenna theory and techniques (ICATT) 2015</p>
Радіо-фізики, біомедицинської електроніки	Прикладної електродинаміки	Булгакова Ганна Олексіївна	6	<p>1. Gorobets, N.N., Bulgakova, A.A., Lvashchenko, V.A., Gorobets, A.N. Optimizing the Vibrator Antenna, Parallel to a Flat Screen, by the Maximum Directive Gain in the Normal Direction / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520248, c. 372-375</p>	2	<p>1. Bulgakova, A. A.; Gorobets, N. N.; Lyashchenko, V. A. Characteristics of Directivity of Vibrator Antennas Placed Parallel to Flat Screen / 2017 XI international conference on antenna theory and techniques (ICATT) 2017 c. 250-253</p> <p>2. Bulgakova, A. A.; Gorobets, N. N.; Katrich, V. A.; Lyashchenko, V. A.</p>

ки та комп'ютерних систем				<ol style="list-style-type: none"> 2. Bulgakova, A.A., Gorobets, N.N., Lyashchenko, V.A. Characteristics of directivity of vibrator antennas placed parallel to flat screen / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972634, c. 250-253 3. Bulgakova, A.A., Gorobets, N.N. Directivity of small antenna arrays / 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724196, c. 228-230 4. Bulgakova, A.A., Gorobets, N.N., Katrich, V.A., Lyashchenko, V.A. Directivity of large antenna arrays / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538070 5. Gorobets, N.N., Bulgakova, A.A. The influence of the screen on the characteristics of omnidirectional radiators and rarefied arrays / 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650750, c. 277-279 6. Gorobets, N.N., Bulgakova, A.A. Direction and range characteristics of rarefied antenna arrays with screens / 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379776, c. 192-194 		Directivity of Large Antenna Arrays 2016 9th international kharkiv symposium on physics and engineering of microwaves, millimeter and submillimeter waves (MSMW) 2016
Радіофізики, біомедицинської електроніки та комп'ютерних систем	Прикладної електродинаміки	Медведєв Микола Володимирович	9	<ol style="list-style-type: none"> 1. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Slot radiator in the semi-infinite coaxial line / CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6336068, c. 495-496 2. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Radiation from the transverse slot cut in a coaxial line in the lossy material medium / 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379738, c. 78-80 3. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. The frequency-energy and spatial characteristics of the coaxial-slot array / 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650707, c. 148-150 4. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Energy characteristics of the slot system in the screen of coaxial line with controlled termination / 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 – Proceedings, 7136834 5. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Electrodynamic characteristics of multielement coaxial-slot antenna / 2016 8th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2016, 7724194, c. 221-224 6. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V. Coaxial-slot antenna array with different lengths of radiators / 2016 IEEE International Scientific Conference "Radio Electronics and Info Communications", UkrMiCo 2016 - Conference Proceedings, 7739607 7. Lyashchenko, V.A., Medvedev, N.V., Olefir, A.V. Electromagnetic near-field of circumferential slot cut in coaxial line shield / 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017, 7972593, c. 96-99 8. Katrich, V.A., Lyashchenko, V.A., Medvedev, N.V., Olefir, A.V. 	5	<ol style="list-style-type: none"> 1. Lyashchenko, V. A.; Medvedev, N. V.; Olefir, A. V. Electromagnetic Near-Field of Circumferential Slot Cut in Coaxial Line Shield / 2017 XI international conference on antenna theory and techniques (ICATT) 2017 c.96-99 2. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. Coaxial-slot Antenna Array With Different Lengths of Radiators / 2016 international conference radio electronics & info communications (UKRMICO) 2016 3. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V.; Olefir, A. V. Electromagnetic Near-Field of Arc Slot, Cut in Coaxial Line Shield / 2017 XXIIND international seminar/workshop on direct and inverse problems of electromagnetic and acoustic wave theory (DIPED) 2017 c. 157-161 4. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. Electrodynamic Characteristics of Multielement Coaxial-Slot Antenna / 2016 8th international conference on ultrawideband and ultrashort impulse signals (UWBUSIS) 2016 c. 221-224 5. Katrich, V. A.; Lyashchenko, V. A.; Medvedev, N. V. Energy characteristics of the slot system in the screen of coaxial line with controlled termination / 2015 international conference on antenna theory and techniques (ICATT) 2015

			<p>Electromagnetic near-field of arc slot, cut in coaxial line shield / 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 – Proceedings, 8100586, c. 157-161</p> <p>9. Lyashchenko, V., Yatsuk, L., Medvedev, N. Mathematical Model of Transverse Circumferential Slots in Coaxial Line Shield With Nonhomogeneous Dielectric Interior / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520068, c. 366-371</p>		
PA3OM	245				

Таблиця 6. Наукові журнали та об'єкти інтелектуальної власності

		Назви реквізити (коди)
Кількість наукових журналів, які входять із ненульовим коефіцієнтом впливовості до наукометричних баз	П17	<p>1. EAST EUROPEAN JOURNAL OF PHYSICS DOI: 10.26565/2312-4334 2015 - 2019</p> <p>2. VISNYK OF V N KARAZIN KHARKIV NATIONAL UNIVERSITY-SERIES GEOLOGY GEOGRAPHY ECOLOGY DOI: 10.26565/2410-7360 2015 – 2019</p> <p>3. VISNYK KHARKIVSKOGO NACIONALNOGO UNIVERSITETU IMENI V N KARAZINA SERIA BIOLOGIA Semiannual ISSN: 2075-5457 E-ISSN: 2220-9697 Присвоєння Digital Object Identifier (DOI): DOI: 10.26565/2075-5457</p>
Кількість спеціальностей	П18	47
Кількість об'єктів права інтелектуальної власності що зареєстровані закладом вищої освіти та/або зареєстровані (створені) його науково- педагогічними та науковими працівниками	П19	461
Кількість об'єктів права інтелектуальної власності які комерціалізовано закладом вищої освіти та/або його науково- педагогічними та науковими працівниками	П20	0

- 7 журналів Харківського національного університету імені В.Н. Каразіна знаходяться на моніторингу.

Кількість об'єктів права інтелектуальної власності що зареєстровані закладом вищої освіти та/або зареєстровані (створені) його науково- педагогічними та науковими працівниками ПІ9

1	2012 Корисна модель g-(4-N-R-оксаміфдосульфонілбензол-оксамідо)-бутанові кислоти, які мають діуретичну та протисудомну активність Патент на корисну модель № 64626 Бюл. № 21. 10.11.2011 Савченко В.М., Черних В.П., Банний І.П., Георгіянц В.А., Банна Н.І., Самура Б.А., Криський О.С., Челембієнко С.А.
2	2012 Корисна модель Виріб з двошаровим покриттям. Патент України. на коисну модель № 70767 від 25.06.2012, Бюл.№12. Г.В. Кирик,О.Д. Погребняк, В.М. Береснєв, О.Д. Стадник
3	2012 Корисна модель Канал автоматичного супроводження літальних апаратів за напрямком з розширеними можливостями для ЛВС полігонного випробувального комплексу. Патент на корисну модель № 75283 опубліковано 26.11.2012, бюл. № 22/2012 Коломійцев О.В., Батурін О.В., Васильєв Д.Г., Кожушко Я.М Ольховіков С.В., Орлов С.В., Риб'як А.С., Сачук І.І., Толстолузька О.Г., Храпчинський В.О.
4	2012 Корисна модель Маска для анестезування щурів Патент на корисну модель № 65148, Бюл. № 22 25.11.2011г. Коробов А.М.Коробов В.А.Лісна Т.О.
5	2012 Корисна модель Металевий порошок для термічного нанесення покриття на основі перехідних металів. Патент України на корисну модель № 72904 від 27.08.2012, Бюл.№16. Г.В. Кирик,О.Д. Погребняк, В.М. Береснєв, О.Д. Стадник
6	2012 Корисна модель Опорно-поворотний пристрій вітроустановки Патент України на корисну модель №74194 від 25.10.2012. Ткаченко В. І., Москвітін О. В., Шахова О. М.
7	2012 Корисна модель Прилад для проведення модельних демонстрацій з молекулярної фізики «аеростіл» Патент на корисну модель №73520, 25.09.2012 Полежака А.І., Песін О.І.
8	2012 Корисна модель Пристрій для вимірювання енергетичних параметрів випромінювання лазерів Патент на корисну модель № 68466 от 26.03.12 Кокодій М.Г.,Пак А.О.,Балкашин В.П.,Сафронов Б.В., Приз І.О.,Козлов І.І.
9	2012 Корисна модель Пристрій для вимірювання комплексної діелектричної проникності сильно поглинаючих рідких систем Патент України на корисну модель № 68464 від 26.03.2012 А.О. Ашеко, М.О. Азаренков, С.А. Батулін.
10	2012 Корисна модель Пристрій для гарячого пресування порошоків шляхом прямого пропускання електричного струму Патент України на корисну модель № 72841 від 27.08.2012. Е.С.Геворкян, М.О. Азаренков, С.В.Литовченко, В.О. Чишкала, Л.А. Тимофєєва, О.М. Мельник, Ю.Г. Гуцаленко
11	2012 Корисна модель Пристрій для профілактики і лікування кишкової непрохідності Патент на корисну модель № 70390, 11.06.2012 Бойко В.В., Белозьоров І.В., Скрипко В.А., Бойко Л.О., Тимченко Н.В., Грома В.Г.
12	2012 Корисна модель Розчин розмірного хімічного травлення міді та α-латуней на основі хлориду заліза. Патент на корисну модель №67693, зареєстрований в Державному реєстрі патентів України на винаходи 13.03.2012 Хоботова Е.Б., Ларін В.І., Єгорова Л.М., Добріян М.О.
13	2012 Корисна модель Спосіб визначення алюмінію(III) в водних середовищах з еріохромціаніном R, іммобілізованим в желатиновій плівці Патент на корисну модель №64666. Україна / № u 2011 05606; Заявлено 04.05.2011; Надр. 10.11.2011, Бюл. № 21 Решетняк О.О. Івченко Н.В Шевченко В.М. Нікітіна Н.О.
14	2012 Корисна модель Спосіб визначення вмісту важких металів в біологічному матеріалі, переважно в органах тварин Патент на корисну модель № 73527 Дата подання заявки 22.03.2012 Гончаренко М.С.,Коновалова О.О.,Андрейко Г.П.,Гладка О.О.

15	2012 Корисна модель Спосіб визначення рівня хронічної токсичності природної води Патент на корисну модель №67014. Зареєстровано в державному реєстрі патентів України на корисні моделі 25.01.2012. (11) 67014 (13)U (51) МПК (2012) G01N 33/18. Крайнюков О. М., Крайнюкова А. М.
16	2012 Корисна модель Спосіб вимірювання температури в вертикалах коксових печей. - 4 с Патент на корисну модель № 66088. 26.12.2011, Бюл. № 24. Скрипченко М.П., Худокормов А.П., Ряполов Е.В., Журавський А.О., Федорова С.В., Торяник Е.І., Колчигін М.М., Іванченко Д.Д., Биков В.М.
17	2012 Корисна модель Спосіб виробництва бактерійної біомаси в реакційному об'ємі Патент України на корисну модель № 95152 від 11.07.2011. Токарев В.С., Юдбаровський Д.М., Пих З.Г., Олександров О.М., Шульга О.М.
18	2012 Корисна модель Спосіб діагностики формування атеросклеротичних ускладнень у підлітків із АГ Патент на корисну модель № 64689 (дата реєстрації 10.11.2011 р.) Богмат Л.Ф., Толмачева С.Р., Рак Л.І.
19	2012 Корисна модель Спосіб діагностики можливості розвитку екзокринної недостатності підшлункової залози у дітей та підлітків, хворих на цукровий діабет 1-го типу Патент на корисну модель, № 69233 МПК (2012.01) А61В 10/00, G01N 33/48 Заявлено 28.09.2011. Опубліковано 25.04.2012. – Бюл. №.8. – 9с. Пархоменко Л.К., Багацька Н.В., Рилова А.В.
20	2012 Корисна модель Спосіб діагностики порушень ендотеліальної функції у підлітків із артеріальною гіпертензією Патент на корисну модель № 66549 от 27.12.2011 Бюл.24 Богмат Л.Ф., Михальчук О.Я, Рак Л.І. Ахназарянц Е.Л., Молева В.І.
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241	2016 Корисна модель Канал вимірювання радіальної швидкості літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної суміщеної вимірювальної системи Патент України на корисну модель № 108502 від 25.07.2016 Нарезній О. П. Долгов В. І. Лисицька І. В. Горбенко Ю. І. Лисицький К. Є. Родінко М. Ю.
242	2016 Корисна модель Канал вимірювання радіальної швидкості літальних апаратів з використанням частот міжмодових биттів та можливістю пошуку і розпізнавання ЛА для мобільної суміщеної вимірювальної системи Патент України на корисну

	модель № 110325 від 04.03.2016 Нарезній О. П. Коломійцев О. В. Сачук І. І.
243	2016 Корисна модель Пристрій для вимірювання ємності нікель-цинкових акумуляторів Патент України на корисну модель № 103859 № заявки U201413875, заявл. 24.12.2014, опубл. 12.01.2016, бюл. № 1 Марков В. В. Юрченко О. І.
244	2016 Корисна модель СКЛАД ЕЛЕКТРОІЗОЛЯЦІЙНОГО ПОКРИТТЯ Номер заявки:u201511053 дата подання заявки: 12.11.2015 Патент опубліковано 16.03.2016, бюл. № 4989/ЗУ/16 МПК (2006.01): H01B 3/02 Панченко С. В. Вовк Р. В. Тимофеева Л. А. Тимофеев С. С. Дьомін А. Ю.
245	2016 Корисна модель Спосіб лікування дорослих хворих з соматоформними розладами Патент на корисну модель № 107144, опубліковано 25.05.2016, бюл. № 10/2016 заява № u201511162 Пономарьов В.І., Суворова– Григорович А.О., Вовк В.І., Слюсар В.В., Водка М.Є.
246	2016 Корисна модель Спосіб лікування органічних депресивних розладів у дорослих хворих Патент на корисну модель № 107162, опубліковано 25.05.2016, бюл. № 10/2016, заява №u201511263 Пономарьов В.І., Суворова– Григорович А.О., Вовк В.І., Слюсар В.В., Водка М.Є.
247	2016 Корисна модель Спосіб локалізації важких металів, які мігрують у техногенних потоках забруднення. Патент України на корисну модель № 108686 від 25.07.2016 р. Полевич О. В. Удалов І. В.
248	2016 Корисна модель Спосіб отримання теплоізоляційного матеріалу на основі грануляту з рідкого скла Патент України на корисну модель № 105759 від 11.04.2016 Пінчукова Н. О. Волошко О. Ю. Чебанов В. А. Римар Т. Е. Крючкова К. Ю.
249	2016 Корисна модель Суміш для обробки ран тварин «ОВЕНТОЛ-1Н» Патент України на корисну модель № 107756. № заявки U 201511545, заявл. 23.11.2015, опубл. 24.06.2016, бюл. № 12 Коцюмбас І. Я. Юрченко О. І. Величко В. О. Авдос'єва І. К. Максименко Г. І.
250	2016 Патент Антена дводіапазонна Патент України UA 112505 Заявл. 10.08.2015. Опубл. 12.09.2016. Бюл. №17 Карпов О. І. Катрич В. О. Антоненко Є. О.
251	2016 Патент Антена направленої дії Патент України UA 112506 Заявл. 10.08.2015. Опубл. 12.09.2016. Бюл. №17 Карпов О. І. Катрич В. О. Антоненко Є. О.
252	2016 Патент Дискава мікросмужкова антена з логоперіодичними випромінювачами Патент опубліковано 12.12.2016, бюл. № 23/2016 H01Q 21/00, H01Q 1/38 (2006.01) Погарський С. О. Майборода Д. В.
253	2016 Патент Інструмент або виріб з багат шаровим наномаштабним покриттям Патент на корисну модель від 19.09.2016 C23C/28.00: C23C 30/00 Україна. Погребняк А. Д. Кравченко Я. О. Лісовенко М. О. Береснев В. М. Бондар О. В. Столбовой В. О.
254	2016 Патент КОМПОЗИТНИЙ МАТЕРІАЛ НА ОСНОВІ ДІОКСИДУ ЦИРКОНІЮ ДЛЯ ЛОПАТОК ГАЗОВИХ ТУРБІН Дата, з якої є чинними права на винахід: 10.03.2016 Публікація відомостей про видачу патенту: 10.03.2016, Бюл.№ 5 Панченко С. В. Вовк В. В. Геворкян Е. С. Мельник О. М.
255	2016 Патент Композитний матеріал на основі діоксиду цирконію для лопаток газових турбін Номер заявки: а 2014 13555 Дата подання заявки: 17.12.2014 Дата, з якої є чинними права на винахід: 10.03.2016 Публікація відомостей про заявку: 27.04.2015, Бюл.№ 8 Публікація відомостей про видачу патенту: 10.03.2016, Бюл.№ 5 Панченко С. В. Вовк Р. В. Геворкян Е. С. Мельник О. М.
256	2016 Патент Лазер з плавним регулюванням виведення випромінювання з резонатора Патент на винахід України №110672 Родіонов В. П. Маслов В. О.
257	2016 Патент Лазерний доплерівський вимірювач диференційної швидкості руху металюного елемента в каналі ствола Патент України № 104232 від 25.01.2016 Доля Г. М. Крюков О. М. Мудрік В. Г.

258	2016 Патент Перестроювана дискова мікросмужкова антена з додатковими закорочувальними елементами Патент опубліковано 24.06.2016, бюл. № 12/2016 H01Q 1/38 (2006.01), H01Q 21/00 Погарський С. О.
259	2016 Патент Пристрій для дифузійного відпалу зразків металів та сплавів від 10.08.2015 Якименко І. І. Стервоєдов М. Г. Азаренков М. О. Семененко В. Є.
260	2016 Патент Пристрій для дифузійного відпалу зразків металів та сплавів 25.04.2016 р., Державний реєстр патентів України на корисні моделі Якименко І. І. Стервоєдов М. Г. Азаренков М. О. Семененко В. Є.
261	2016 Патент Пристрій для з'єднання нерухомого хвилеводу НВЧ-випромінювання з обертовим об'ємним резонатором Патент України №112133 від 25.07.2016 Пінчукова Н. О. Волошко О. Ю. Чебанов В. А. Самойлов В. Л.
262	2016 Патент Пристрій для контролю та діагностики даних, що представлені у системі залишкових класів Патент на винахід №112731 від 10.10.16р Краснобаєв В. А. Власенко А. М. Янко А. С. Кошман С. О. Рассомахін С. Г. Лавровська Т. В.
263	2016 Патент Пристрій для множення лишків а та в за довільним модулем m системи залишкових класів Патент України № 110901 від 25.02.2016 Горбенко І. Д. Краснобаєв В. А. Янко А. С. Кошман С. О. Горбенко Ю. І.
264	2016 Патент Пристрій для множення лишків а та чисел за модулем m Патент України № 110913 від 25.02.2016 Горбенко І. Д. Краснобаєв В. А. Янко А. С. Кошман С. О. Горбенко Ю. І.
265	2016 Патент Пристрій для реалізації множення та ділення чисел у системі залишкових класів Патент України № 112034 від 11.07.2016 Краснобаєв В. А. Янко А. С. Кошман С. О. Курчанов В. М.
266	2016 Патент Пристрій радіаційно-охоронний пакувальний для транспортування радіоізотопних джерел швидких нейтронів Патент України, 10.06.2016, Бюл.№ 11. Островських В. Є. Рудичев Є. В. Сапелкіна Г. В.
267	2016 Патент Пристрій фільтрації параметрів траєкторії балістичної цілі та визначення елементів орбіти космічного об'єкту Патент України № 107172 від 25.05.2016 р. Андрєєв Ф. М. Статкус А. В.
268	2016 Патент Пристрій фільтрації та радіаційної контролю вмісту радіоактивних аерозолів у повітрі 25.04.2016 р., Державний реєстр патентів України на корисні моделі Якименко І. І. Стервоєдов М. Г. Азаренков М. О. Серединська А. М.
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270	2016 Патент Свідоцтво про відповідність системи вимірювань вимогам ДСТУ ISO 10012:2005 Позитивне рішення. Свідоцтво № 01-0132/2016 від 15 грудня 2016 р. Свідоцтво чинне протягом трьох років з дати реєстрації. Крайнюков О. М.
271	2016 Патент Спосіб бонітування ґрунтів Пат. № 104479 України МПК (2016): A01B 79/02 (2006.01), G01N 33/24 (2006.1). Медведєв В. В. Пліско І. В.
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273	2016 Патент Спосіб градування імпульсних цифрових фазометрів 25.04.2016 р., Українським інститутом інтелектуальної власності Андрєєв Ф. М. Статкус А. В.
274	2016 Патент Спосіб зменшення розмірів лінійних антенних решіток і пристрій для його реалізації Патент України UA 112110 Заявл. 03.11.2014 Карпов О. І. Катрич В. О. Мустецов М. П. Кожешкурт В. О. Антоненко Є. О.
275	2016 Патент Спосіб криптографічного перетворення двійкових даних Патент на винахід № 111448 від 25.04.2016 Горбенко І. Д. Долгов В. І. Лисицька І. В. Горбенко Ю. І. Лисицький К. Є. Родінко М. Ю.
276	2016 Патент Спосіб криптографічного перетворення двійкових даних (варіанти)

	Патент на винахід № 111547 від 10.05.2016 Горбенко І. Д. Долгов В. І. Лисицька І. В. Горбенко Ю. І. Лисицький К. Є. Родінко М. Ю.
277	2016 Патент Спосіб лікування дорослих хворих з алкогольною залежністю МПК (2016.01) А61К 45/00, А61Р 25/18(2006.01), А61Р 25/32 (2006.01) Пономарьов В. І. Суворова-Григорович Г. О. Пономарьова В. В. Анцупова В. В.
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279	2016 Патент Спосіб медичної реабілітації дорослих хворих з астеничними (емоційно лабільними) розладами МПК (2016.01) А61К 35/00 А61Р 25/28 (2006.01) № 19546/ЗУ/16 от 28.09.2016 Пономарьов В. І. Суворова-Григорович Г. О. Пономарьова В. В. Вовк В. І.
280	2016 Патент Спосіб одержання ріжучого інструмента на основі композиційного матеріалу з кубічного нітриду бору UA 112895 C2 заявка № а201412539, права з 10.11.2016, Бюл. №21 Панченко С. В. Вовк Р. В. Тимофєєва Л. А. Ленів Я. Г.
281	2016 Патент Спосіб отримання ультрадисперсних кристалічних фаз із розчинів органічних сполук Патент України на корисну модель № 107372 від 10.06.2016 Волошко О. Ю. Пінчукова Н. О. Чебанов В. А. Шишкін О. В.
282	2016 Патент Спосіб очищення кухонної солі Патент України на корисну модель № 109007, № заявки U2016 00966, заявл. 08.02.2016, опубл. 10.08.2016, бюл. № 15. Юрченко О. І. Калиненко О. С. Бакланов О. Н.
283	2016 Патент Спосіб прогнозування шляхів морфогенезу in vitro за ступенем ефективності введення в культуру ліній та сортів пшениці м'якої (Triticum aestivum L.) зі встановленим станом локусів генів VRN і PPD Патент України № 106559, дата публікації відомостей 25.04.2016, Бюл. № 8. http://uapatents.com/7-106559-sposib-prognozuvannya-shlyakhiv-morfogenezu-in-vitro-za-stupenem-efektivnosti-vvedennya-v-kulturu-linijj-ta-sortiv-myako-pshenici-triticum-aestivum-l-z Жмурко В. В. Авксентьєва О. О. Петренко В. А.
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285	2016 Патент Тримач для нагрівання та дослідження зразків у просвічуючому електронному мікроскопі ПЕМ-125К Заявка на патент, прийнята 09.09.16 Сухов В. М. Богатиренко С. І. Кришталь О. П. Сухов. Р. В.
286	2016 Патент Ультразвуковий діагностичний прилад Зареєстровано 11.04.2016. Патент України на промисловий зразок №32290 Баранник Є. Марусенко А. Пупченко В. Бойченко Ю. Князєв О. Лінська Г. Овчаренко Є.
287	2016 Патент Установа безперервного зневоднення органічних розчинників за допомогою цеолітних матеріалів Патент України на корисну модель № 107395 від 10.06.2016 Пінчукова Н. О. Волошко О. Ю. Чебанов В. А.
288	2017 Корисна модель Двокомпонентний диференційний лазерний доплерівський вимірювач швидкості руху металюного елемента і каналі ствола № 118927 Україна. опубл. 28.08.2017, бюл.№16 Доля Г. М. Крюков О. М.
289	2017 Корисна модель Катодний витрачуваний електрод для вакуумно-дугового переплаву Патент України на корисну модель № 114986 від 28.08.2017 Ткаченко В. І.
290	2017 Корисна модель Пристрій для визначення дійсних лишків дійсних та комплексних чисел за модулями системи залишкових класів ДП на корисну модель № 119904, Україна, МПК G 06 F 11/08 (2006/01), H03M 7/18 (2006/01). № u 2017 04681. Заявл. 15.05.2017. Опубл. 10.10.2017, Бюл. № 19 Краснобаєв В. А. Кошман С.

	А. Рассомахін С. Г. Кузнецов О. О. Янко А. С.
291	2017 Корисна модель Пристрій для визначення лишків натурального числа за довільним модулем у системи залишкових класів ДП на корисну модель № 119758, Україна, МПК (2017.01) G 06 F 5/00. № у 2017 03016. Заявл. 30.03.2017. Опубл. 10.10.2017, Бюл. № 19 Краснобаєв В. А. Кошман С. А. Рассомахін С. Г. Кузнецов О. О.
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293	2017 Корисна модель Спосіб виготовлення електроду для електрохімічного визначення аскорбінової кислоти. U 2017 00185; дата пріор. 05.05.14. Бюл. №13, 10.07.2017 Холін Ю. В. Пантелеймонов А. В. Ткаченко О. С.
294	2017 Корисна модель Спосіб визначення біологічного ефекту гамма-випромінювання Номер заявки: u 2016 12382, дата подання заявки: 05.12.2016.Номер патенту: 116236, опубл. 10.05.2017 Шкорбатов Ю. Г. Ніколов О. Т. Кузнецов К. А.
295	2017 Корисна модель Спосіб відновлення робочих поверхонь чавунних деталей УКРАЇНА (19) UA (11) 119834 (13) U (51) МПК (2017.01) B23P 6/00. (21) Номер заявки: u 2017 03850. (22) Дата подання заявки: 19.04.2017. (24) Дата, з якої є чинними права на корисну модель: 10.10.2017. (46) Публікація відомостей про видачу патенту: 10.10.2 Панченко С. В. Вовк Р. В. Тимофеева Л. А. Тимофеев С. С. Дьомін А. Ю. Воскобойников ДГ Д. Г.
296	2017 Корисна модель Спосіб імунотерапії бактеріального запального процесу Патент на корисну модель № 117986. Зареєстровано в Дер. Реєстрі патентів України на корисні моделі 10.07.2017. Номер заявки u 2017 02855; Дата подачі заявки 27.03.2017; Дата, з якої є чинними права на корисну модель 10.07.2017 Коваленко Т. І. Клімова О. М. Божков А. І. Мінухін В. В.
297	2017 Корисна модель Спосіб інтраопераційного попередження розвитку кровотеч у пацієнок гінекологічного стаціонару одного дня МПК: А61В 17/42 (2006.01), А61М 31/00 u201706560 10.11.2017, бюл. № 21/2017 Юрченко О. М.
298	2017 Корисна модель Спосіб комбінованого медикаментозного знеболення вишкрібання порожнини матки МПК: А61К 31/46 (2006.01), А61Р 23/00, А61Р 29/00 № u201609642 Красносельский Н. В. Крутько Е. Н. Юрченко О. Н.
299	2017 Корисна модель Спосіб лікування гіпоксії у хворих з травматичною хворобою при політравмі 11.12.2017 u201705778 12.06.2017, бюл. № 23 МПК (2006) А61К 31/00 А61Р 19/00 А61Р 25/00 Матвєєнко М. С. Белозьоров І. В. Волкова Ю. В. Баранова Н. В.
300	2017 Корисна модель Спосіб лікування хворих з легеневиими кровотечами Заява на патент за № г 2016 06794 від 22.06.2016 р. Бойко В. В. Пономарьова К. В. Мінухін Д. В. Краснояружський А. Г. Токарев А. В. Авдосьєв Ю. В.
301	2017 Корисна модель Спосіб оперативного моніторингу розповсюдження хохулі звичайної (<i>Desmana moschata</i> Linnaeus, 1758) Патент на корисну модель № 118821. Зареєстровано в Державному реєстрі патентів України на корисні моделі 28.08.2017. Номер заявки: u 2017 02687 Скоробогатов Є. В. Палькіна М. Д.
302	2017 Корисна модель Спосіб отримання водорозчинних компонентів з біомаси мікродоростей Патент на корисну модель UA 116131 МПК C12N 1/12 (2006.01); C11B 1/10 (2006.01) № заявки u 2016 11611, Дата подання заявки 17.11.2016, Дата, з якої є чинними права на корисну модель 10.05.2017 Божков А. І. Голтвянський А. В.
303	2017 Корисна модель Спосіб отримання йодовано-фторованої кухонної солі № заявки U201605127, заявл. 11.05.2016, опубл. 26.12.2016, бюл. № 24. Юрченко О. І. Бакланова Л. В. Бакланов О. М. Черножук Т. В.

304	2017 Корисна модель Спосіб отримання кухонної солі, що не злежується Патент України на корисну модель № 118718: Спосіб отримання кухонної солі що не злежується / Юрченко О. І., Черножук Т.В., Бакланова Л. В., Бакланов О. М. № заявки U 201701487, заявл. 16.02.2017, опубл. 28.08.2017, бюл. № 16/2017 Юрченко О. І. Черножук Т. В. Бакланова Л. В. Бакланов О. М.
305	2017 Корисна модель Спосіб очищення кухонної солі Патент України на корисну модель № 117720, № заявки U 201612918, заявл. 19.12.2016, опубл. 10.07.2017, бюл. № 13/2017 Юрченко О. І. Черножук Т. В. Бакланова Л. В. Бакланов О. М.
306	2017 Корисна модель спосіб превентивного інтраопераційного знеболення пахової лімфодисекції 10.03.2017 u201609537 10.03.2017, бюл. № 5 МПК (2006) А61М 19/00 А61В 17/00 Красносельский Н. В. Крутько Е. Н. Юрченко О.Н. О. Н.
307	2017 Корисна модель Спосіб превентивного інтраопераційного знеболення вишкрібання порожнини матки МПК: C07D 489/02 (2006.01), А61Р 23/02(2006.01), А61К 31/485 (2006.01) u201609166 27.02.2017, бюл. № 4/2017 Красносельский Н. В. Георгіянц М. А. Крутько Е. Н. Юрченко О. Н.
308	2017 Корисна модель Спосіб превентивного інтраопераційного знеболення шийної лімфодисекції МПК: А61М 19/00 u201700420 25.09.2017, бюл. № 18/2017 Красносельский Н. В. Крутько Е. Н. Юрченко О. Н.
309	2017 Корисна модель Спосіб превентивного інтраопераційного знеболення над-підключично-підпахово-підлопаткової лімфодисекції МПК: А61М 19/00 u201700421 25.09.2017, бюл. № 18/2017 Красносельский Н. В. Крутько Е. Н. Юрченко О. Н.
310	2017 Корисна модель Спосіб прогнозування ризику летального виходу у пацієнтів з гострим коронарним синдромом Патент № 113574 МПК: А61В8/00; G01N33/48, 33/53 ; - заявка № u 201606391 Копиця М. П. Вишневська І. Р. Петюніна О. В. Титаренко Н. В. Петенева Л. Л. Гільова Я. В. Родіонова Ю. В.
311	2017 Корисна модель Спосіб флуоресцентного визначення критичної концентрації міцелоутворення неіоногенних поверхнево активних речовин у воді Номер 120049, заявка від 27.03.2017, опубліковано 25.10.2017, Бюл. № 20 Шаповалов С. А. Кириченко О. В.
312	2017 Патент Antenna and substrate treating apparatus including the same filed October 12, 2015, and issued May 11, 2017 Kashaba A. Chang L. S. Kim S. R. Yang J. Y.
313	2017 Патент Apparatus and method for treating substrate filed January 08, 2016, and issued May 22, 2017 Kashaba A.
314	2017 Патент Apparatus and methods for treating substrate filed December 12, 2015, and issued May 10, 2017 Kashaba A.
315	2017 Патент Apparatus for generating electric field, apparatus for treating substrate comprising the same, and method for controlling the same filed December 30, 2015, and issued July 10, 2017 Kashaba A.
316	2017 Патент Substrate treating apparatus filed December 12, 2015, and issued May 10, 2017 Kashaba A.
317	2017 Патент Азимутальне вихідне дзеркало лазерного резонатора Патент на винахід України №115126 від 10.04.2017 Дзюбенко М. І. Маслов В. О. Радіонов В. П.
318	2017 Патент Високоточний пристрій фільтрації параметрів траєкторії балістичної цілі та визначення елементів орбіти космічного об'єкту Патент на корисну модель №120227 , зареєстровано в державному реєстрі патентів України на корисну модель 25.10.2017, Бюл. № 20. Андреев Ф. М. Статкус А. В.
319	2017 Патент Голографічний візоконтрастометр Титар В. П. Шпаченко О. В.
320	2017 Патент Голографічний макулостимулятор Патент України на корисну модель № 115668. Публ. відомостей 25.04.2017. Бюл. № 8 про видачу патенту Титар В. П. Шпаченко О. В.

321	2017 Патент Дводіапазонна дискова мікросмужкова антена з логоперіодичними випромінювачами № 116078, 10.05.2017, бюл. №9 Майборода Д. В. Погарський С. О.
322	2017 Патент ДСТУ 8727:2017 Осад стічних вод. Підготування органо-мінеральної суміші з осаду стічних вод ДСТУ 8727:2017 м. Київ, ДП «УкрНДНЦ» Гриценко А. В. Горбань Н. С. Зінченко І. В. Шостенко О. Ю.
323	2017 Патент Захисний екран від електромагнітного випромінювання НВЧ-діапазону Патент на винахід України № 113886 від 27.02.2017 Кокодій М. Г. Тіманюк В. О.
324	2017 Патент Износостойкое покрытие для режущего инструмента Патент Российской Федерации № 2 620 521 Новиков В. Ю. Колесников Д. А. Береснев В. М.
325	2017 Патент Канал автоматичного супроводження літальних апаратів за напрямком з можливістю формування та обробки зображення ЛА для мобільної суміщеної лазерної вимірювальної системи Патент України на корисну модель № 114662 – u201610506; Опубл. 10.03.2017; Бюл. № 5 Нарєжній О. П. Коломійцев О. В. Сачук І. І.
326	2017 Патент Канал вимірювання похилої дальності до літальних апаратів з можливістю формування та обробки зображення ЛА для мобільної суміщеної лазерної вимірювальної системи Патент № 114945 – u201610465; Опубл. 27.03.2017; Бюл. № 6 Нарєжній О. П. Коломійцев О. В. Сачук І. І.
327	2017 Патент Канал вимірювання радіальної швидкості літальних апаратів з можливістю формування та обробки зображення ЛА для мобільної суміщеної лазерної вимірювальної системи Патент № 114946 – u201610466; Опубл. 27.03.2017; Бюл. № 6 Нарєжній О. П. Коломійцев О. В. Сачук І. І.
328	2017 Патент Лазерний датчик раннього виявлення загорянь №120588 Україна. опубл. 10.11.2017, бюл.№21 Романюк В. А. Доля Г. М. Литвинова О. С. Катунін А. М.
329	2017 Патент Патент на корисну модель №113560. Спосіб визначення ступеня забрудненості ґрунтів Зареєстровано в державному реєстрі патентів України на корисні моделі 10.02.2017. GO1N 33/24 (2006/01) Крайнюков О. М. Кривицька І. А.
330	2017 Патент Патент на корисну модель: “Спосіб визначення біологічного ефекту гамма-випромінювання” Номер патенту: 116236, опубл. 10.05.2017, Бюл.№9. Кузнецов К. А. Шкорбатов Юрій Георгійович Ю. Г. Ніколов О. Т.
331	2017 Патент Переносний пристрій для вимірювання коефіцієнта відбиття Патент на корисну модель № 115935 Зареєстровано в Державному реєстрі патентів України на корисні моделі 25.04.2017, Бюл. № 8. (19) UA (11) 115935 (51) МПК G01R 27/06(2006.01). Колчигін М. М. Биков С. М. Биков В. М. Хардіков В. В. Демченко О. А. Іванченко Д. Д. Половніков Г. Г.
332	2017 Патент Полімерний матеріал Бюлетень № 22 від 2017 р. Мішуров Д. О. Авраменок В. Л. Рошаль О. Д. Воронкін А. А.
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334	2017 Патент Свідоцтво про реєстрацію авторською права на твір № 75364 Комп'ютерна програма "Оптимізація управління технологічних процесів в сільському господарстві" Дата реєстрації 18.12.2017 Нанка О. В. Корнієнко С. І. Ульяновченко О. В. Адамчук В. В. Мельник В. І. Пашенко В. Ф. Харченко С. О.
335	2017 Патент Спосіб визначення внутрішніх дефектів у стінах приміщень Патент України №114388 від 10. 03. 2017 р. Громико І. О. Кузнецов О. О. Кузнецов Р. Є.
336	2017 Патент Спосіб визначення кількісної поглиневої звукохімічноактивної акустичної енергії ультразвуку у розчинах хлориду натрію та кухонної солі Патент

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338	2017 Патент Спосіб визначення можливого перебігу хронічної Епштейна-Барр вірусної інфекції Заявка № u 2017 05527 Попов М. М. Лядова Т. І. Сорокіна О. Г.
339	2017 Патент Спосіб вимірювання ефективної площі розсіяння великогабаритних об'єктів в ближній зоні Номер заявки u 2017 03910. Дата подання заявки: 20.04.2017. Дата, з якої є чинними права на корисну модель: 11.09.2017. Публікація відомостей про видачу патенту 11.09.2017, Бюл. № 17 Колчигін М. М. Легенький М. М. Масловський О. А. Биков В. М. Субач Н. Є. Васильченко І. І. Биков С. М.
340	2017 Патент Спосіб вирівнювання температур радіояскравості об'єкта і фону на вході радіометри-ного приймача системи виявлення. Номер заявки u 2017 04779. Дата подання заявки: 17.05.2017. Дата, з якої є чинними права на корисну модель: 11.09.2017. Дата публікації відомостей про видачу патенту та номер бюлетеня: 11.09.2017, Бюл. № 17. Биков С. М. Биков В. М. Колчигін М. М. Лотох М. Г. Осіновий Г. Г.
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343	2017 Патент Спосіб діагностики ризику формування гіпокінетичного варіанту гемодинаміки у хлопчиків-підлітків з патологією серцево-судинної системи Патент України № 113130, UA Беспалов Ю. Г. Висоцька О. В. Жолткевич Г. М. Кашіна-Ярмак В. Л. Носов К. В. Рак Л. І.
344	2017 Патент Спосіб для декодування псевдовипадкового завадостійкого коду на основі використання методу гілок і меж пат. № 118097 на корисну модель Україна, МПК (2006) G06F 5/00 заявл. 10.01.2017; опубл. 25.07.2017, Бюл. № 14/2017 Лавровська Т. В. Рассомахін С. Г.
345	2017 Патент Спосіб зупинки носової кровотечі (21) Номер заявки u2017 05243 (22) Дата подання заявки 29.05.2017 (24) Дата, з якої є чинними права на корисну модель 27.11.2017 (46) Публікація відомостей 27.11.2017, Бюл. №22 Гарюк Г. І. Бичкова Н. С.
346	2017 Патент Спосіб лікування остеоартрозу Бюл.№20, № 1142144 Журавльова Л. В. Федоров В. О. Александрова Н. К.
347	2017 Патент Спосіб лікування постінсультних хворих з больовим синдромом у плечовому суглобі Пат. 116154, МПК А61К 31/00, А61Р 21/02. Бюл. №9 Міщенко Т. С. Харіна К. В. Деревецька В. Г. Дмитрієва О. В. Здесенко І. В. Реміняк І. В.
348	2017 Патент Спосіб отримання колоїдного розчину біомаси водорості «dunaliella salina» № заявки U201611814, заявл. 15.11.2016, опубл. 10.05.2017, бюл. № 9. Юрченко О. І. Черножук Т. В. Бакланова Л. В. Бакланов О. М.
349	2017 Патент Спосіб прогнозування варіантів довготривалого перебігу ювенільного артрити Патент України № 114771, UA Лебець І. С. Шевченко Н. С. Зайцева Є. М. Панько Н. О.
350	2017 Патент Спосіб прогнозування розвитку лімфопенії у хворих на рак тіла матки МПК G01N 33/50 (2006.01) Сухін В. С. Сорочан П. П. Прохач Н. Е. Громакова І. А.

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352	2018 Корисна модель Пристрій для визначення напрямку в просторі на точкові постійні та імпульсні джерела гамма-випромінювання Патент на корисну модель № 130232, опубліковано 26.11.2018, бюл. № 22/2018 Андрєєв Ф. М. Стервоєдов М. Г. Осипчук А. В.
353	2018 Корисна модель Пристрій фільтрації параметрів траєкторії балістичної цілі та визначення елементів орбіти космічного об'єкту з використанням кутомісної швидкості цілей, що пролітають Патент на коисну модель № 130173, опубліковано 26.11.2018, бюл. № 22/2018 Андрєєв Ф. М. Статкус А. В.
354	2018 Корисна модель СКЛАД РОЗЧИНУ ДЛЯ ПІДГОТОВКИ МЕТАЛЕВИХ ПОВЕРХОНЬ ПЕРЕД НАНЕСЕННЯМ ЛАКОФАРБОВИХ ТА ДРУГИХ ПОКРИТТІВ Номер заявки: u201712839 дата подання заявки: 26.12.2017 Патент опубліковано 10.07.2018, бюл. № 13/2018 МПК С23С 22/23 (2006.01) Панченко С. Вовк Р. Тимофєєва Л. Тимофєєв С. Грибанов М.
355	2018 Корисна модель Спосіб акустичного впливу на привибійну зону свердловини Патент на корисну модель № 128665 опубліковано 25.09.2018, бюл. № 18/2018 Коренний Г. А., Пеліхатий М. М.
356	2018 Корисна модель Спосіб визначення біологічного ефекту наночастинок Патент на корисну модель № 123903 опубліковано 12.03.2018, бюл. № 5/2018 Шкорбатов Ю. Г. Агапій А. В. Біловецка С. Г. Воронцова А. Л.
357	2018 Корисна модель Спосіб визначення вологи в кухонній солі № заявки U 2017 07999, заяв. 31.07.2017, опубл. 25.01.2018, бюл. № 2. Юрченко О. І. Черножук Т. В. Бакланова Л. В. Бакланов О. М.
358	2018 Корисна модель Спосіб виробництва чаю з грубого чайного листа з наповнювачем № заявки U 2017 09356, заяв. 25.09.2017, опубл. 12.03.2018, бюл. № 5. Черевко О. І. Юрченко О. І. Анненко С. В. Максименко Г. І.
359	2018 Корисна модель Спосіб виробництва швидкорозчинного чаю з цукром № заявки U 2017 09369, заяв. 25.09.2017, опубл. 12.03.2018, бюл. № 5. Максименко Г. І. Черевко О. І. Юрченко Ю. І. Анненко С. І.
360	2018 Корисна модель Спосіб вирощування бездомішкових монокристалів високотемпературного надпровідника. Рішення про видачу деклараційного патенту на корисну модель. Заявка № u 2018 08190. (51) МПК (2018.01) С30В 9/00. Вовк Р. В., Геворкян Е. С., Камчатна С. М., Білецький В. І.
361	2018 Корисна модель Спосіб диференційної діагностики тяжкості міокардиту при інфекційному мононуклеозі Патент на корисну модель № 123507 опубліковано 26.02.2018, бюл. № 4/2018 Лядова Т. І. Волобуєва О. В.
362	2018 Корисна модель Спосіб лікування вживання алкоголю із шкідливими наслідками в умовах підвищеного стресорного навантаження Патент на корисну модель № 129154 опубліковано 25.10.2018, бюл. № 20/2018 Мінко О. І. Лінський І. В. Бараненко О. В.
363	2018 Корисна модель СПОСІБ НАНЕСЕННЯ ОКСИДНО-МЕТАЛЕВИХ ПОКРИТТІВ НА ПОВЕРХНЮ МЕТАЛЕВИХ СПЛАВІВ Номер заявки: u201712837 дата подання заявки: 26.12.2017 Патент опубліковано 25.06.2018, бюл. № 12/2018 МПК С23С 22/23 (2006.01), В23К 26/00, В82У 30/00 Панченко С. В. Вовк Р. В. Тимофєєва Л. Тимофєєв С. С. Грибанов М.
364	2018 Корисна модель Спосіб отримання каратиновмісної кухонної солі Патент України на корисну модель № 124971 № заявки U 2017 11717, заяв. 30.11.2017, опубл. 25.04.2018, бюл. № 8. Юрченко О. І. Черножук Т. В. Бакланова Л. В.

	Бакланов О. М.
365	2018 Корисна модель Спосіб отримання напівфабрикату з моллюска прісноводного Патент на корисну модель 123318 Україна, МПК A23L3/00 (2018.01), A23L17/50 (2016.01). № u2017 08203; заявл. 07.08.2017 ; опубл. 26.02.2018, Бюл. № 4. – 5 с. Головка М. П., Головка Т. М., Геліх А. О.
366	2018 Корисна модель Спосіб отримання фторованої кухонної солі № заявки U 2017 07951, заяв. 31.07.2017, опубл. 12.03.2018, бюл. № 5. Юрченко О. І. Черножук Т. В. Бакланова Л. В. Бакланов О. М.
367	2018 Корисна модель Спосіб переробки столового буряку № заявки U 2017 09393, заяв. 25.09.2017, опубл. 26.02.2018, бюл. № 4. Черевко О. І. Юрченко О. І. Анненко С. В. Максименко Г. І.
368	2018 Корисна модель Спосіб проведення оцінки жорсткості стінок сонних артерій у хворих після кардіохірургічних втручань Пат. 129386, заявл. 15.05.18, опубл. 25.10.18, бюл. №20 Міщенко В. М. Міщенко Т. С. Харіна Л. В. Дмитрієва О. В. Здесенко І. В. Реміняк І. В.
369	2018 Корисна модель Спосіб прогнозування виникнення анемії у хворих на диференційований рак щитоподібної залози Патент на корисну модель № 130828 опубліковано 26.12.2018, бюл. № 24/2018 заява №u201807016 Васильєв Л. Я. Радзішевська Є. Б. Кулініч Г. В. Савченко А.С.
370	2018 Корисна модель Спосіб промислового розведення прісноводних двостулкових моллюсків роду Anodonta Патент на корисну модель 123318 Україна, МПК A01K61/54 (2017.01). № u2017 08194; заявл. 07.08.2017 ; опубл. 26.02.2018, Бюл. № 4. – 5 с. Головка М. П., Головка Т. М., Геліх А. О.
371	2018 Корисна модель Спосіб тестування та прогнозування чутливості флуоресцентних амілоїдних маркерів Патент 126537 Україна. МПК G01N 21/64 (2006.01) Горбенко Г. П. Трусова В. М. Вус К. О. Рижова О. А. Кірілова О. М. Кірілов Г. К. Калніня І.
372	2018 Патент Азимутальне вихідне дзеркало лазерного резонатора №116928 від 25.05.2018 Дзюбенко М. І. Маслов В. О. Радіонов В. П.
373	2018 Патент Високоточний пристрій фільтрації параметрів траєкторії балістичної цілі та визначення елементів орбіти космічного об'єкту» з підвищеною вірогідністю № 127969, 27.08.2018. Бюл. № 16 Андреев Ф. М. Статкус А. В.
374	2018 Патент Детектор нейтронів Публікація відомостей 10.07.2018, бюл. № 13 про видачу патенту МПК (2018.01) G01T 3/00 Якименко І. І.
375	2018 Патент Захисний екран від електромагнітного випромінювання НВЧ-діапазону № 129129 від 30.03.2018 Кокодій М. Г. Тіманюк В. О. Тіманюк В. М.
376	2018 Патент Канал автоматичного супроводження літальних апаратів за напрямком з використанням частот міжмодових биттів та додаткового сканування для мобільної однопунктної системи зовнішньо-траєкторних вимірювань № 126627 від 25.06.2018 U201801187 Коломійцев О. В. Паршенцев Б. В. Толстолузька О. Г. та ін., усього 10 осіб .
377	2018 Патент Канал вимірювання кутових швидкостей літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної однопунктної системи зовнішньо-траєкторних вимірювань № 126624 від 25.06.2018 U201801184 Коломійцев О. В. Паршенцев Б. В. Толстолузька О. Г. та ін., усього 10 осіб .
378	2018 Патент Канал вимірювання похилої дальності до літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної однопунктної системи зовнішньо-траєкторних вимірювань № 126625 від 25.06.2018 U201801185 Коломійцев О. В. Паршенцев Б. В. Толстолузька О. Г. та ін., усього 10 осіб .

379	2018 Патент Канал вимірювання радіальної швидкості літальних апаратів з використанням частот міжмодових биттів та додаткового сканування для мобільної однопунктної системи зовнішньо-траєкторних вимірювань № 126626 від 25.06.2018 U201801186 Коломійцев О. В. Паршенцев Б. В. Толстолузька О. Г. та ін., усього 10 осіб.
380	2018 Патент КОМПОЗИЦІЙНИЙ МАТЕРІАЛ НА ОСНОВІ КАРБІДУ КРЕМНІЮ З ВИСОКИМИ ТЕРМОМЕХАНІЧНИМИ ВЛАСТИВОСТЯМИ Номер заявки: а201704197 дата подання заявки: 27.04.2017 Патент опубліковано 25.10.2018, бюл. № 20/2018 МПК С04В 35/565 (2006.01), В82У 30/00 Вовк Р. Геворкян Е. Тимофеева Л. Панченко С. Чишкала В.
381	2018 Патент Лазер з плавним регулюванням виведення випромінювання з резонатора №116914 від 25.05.2018 Дзюбенко М. І. Маслов В. О. Радіонов В. П.
382	2018 Патент Напівпровідниковий діод для генерації НВЧ шуму Пат. 127847 UA, МПК H01L 29/76 Боцула О. В. Приходько К. Г.
383	2018 Патент Пристрій для визначення лишків $a=A \pmod m$ натурального числа a за довільним № 125713 від 25.05.2018 Краснобаєв В. А. Замула О. А. Рассомахін С. Г. Кузнецов О. О.
384	2018 Патент Пристрій для визначення лишків дійсних чисел та найменших комплексних лишків комплексних чисел за комплексним модулем у системі залишкових класів № 125960 від 25.05.2018 Краснобаєв В. А. Замула О. А. Рассомахін С. Г. Шлокін В. М.
385	2018 Патент Пристрій для контролю результату $a+b$ додавання двох чисел a і b у системі залишкових класів № 129125 від 25.10.2018 Краснобаєв В. А. Замула О. А. Рассомахін С. Г. Кузнецов О. О.
386	2018 Патент Пристрій для піднесення до квадрата комплексних і дійсних чисел за модулем № 126907 від 10.07.2018 Краснобаєв В. А. Замула О. А. Рассомахін С. Г.
387	2018 Патент Пристрій для піднесення чисел до квадрата у системі залишкових класів № 129249 від 25.10.2018 Краснобаєв В. А. Замула О. А. Шлокін В. М.
388	2018 Патент Різальний інструмент на основі кубічного нітриду бору з двошаровим покриттям від 12.03.2018, Бюл.№4. Кліменко С. А. Береснев В. М. Манохін А. С. Азаренков М. О. Литовченко С. В. Сребнюк П. А. Найдено А. Г.
389	2018 Патент Свідоцтво Департаменту інтелектуальної власності мінекономрозвитку та торгівлі України про реєстрацію авторського права на наукову працю “Кореляційно-регресійна модель впливу чинників інтелектуалізації глобальної економіки на зростання національної економіки” № 82933 від 19.11.2018 року Фоміна Є.В.
390	2018 Патент Свідоцтво Департаменту інтелектуальної власності мінекономрозвитку та торгівлі України про реєстрацію авторського права на наукову працю “Методика оцінки інформаційного потенціалу країн світу” № 81287 від 07.09.2018 року Фоміна Є.В.
391	2018 Патент Спосіб вибору об'єму оперативного лікування у пацієнтів з захворюваннями гепатохоледоху, ускладненими механічною жовтяницею 25.05.2018; Бюл.№10 Бойко В. В. Авдосьєв Ю. В. Сочнева А. Л. Мазорчук М. С.
392	2018 Патент Спосіб виготовлення полікристалічного органічного скінтілятора для визначення β -частинок у водних розчинах Патент України UA117211C2; (а201710824); опубліковано 25.06.2018 Галунов М. З. Лазарев І. В. Полупан Я. І. Тарасенко О. А. Мартиненко Є. В. Андрющенко Г. Ю. Беліков К. М.
393	2018 Патент Спосіб визначення ефективної площі розсіяння великогабаритних об'єктів, розташованих на підстильній поверхні Патент України на корисну модель UA 123925, G01S 7/52. – № u201710180; заявл. 23.10.2017; опубл. 12.03.2018. – Бюл. № 5/2018. Колчигін М. М. Легенький М. М. Бутрим О. Ю. Масловський О. А.

	Васильченко І. І. Демченко О. А. Биков В. М.
394	2018 Патент Спосіб визначення індексу коморбідності навчального процесу Дата реєстрації 05.09. 2018 Даниленко Г. М. Сотнікова-Мелешкіна Ж. В. Нестеренко В. Г. Кіндрок М. О.
395	2018 Патент Спосіб визначення терапевтичної тактики у хворих на пролактиноми № у 2017 12922; заявл. 26.12.2017 Хижняк О. О. Барабаш Н. Є. Микитюк М. Р. Гогітідзе . Т. Г. Манська К. Г. Завадська Н. В. Тихонова Т. М.
396	2018 Патент Спосіб вимірювання випромінювальної та відбивної здатності об'єктів складної форми в ближній зоні шляхом декомпозиції Патент на корисну модель № 129298, 25.10.2018, бюл. № 20. Колчигін М. М. Легенький М. Масловський О. А. Биков В. М. Биков С. М. Грічанюк С. М. Вінніченко С. О.
397	2018 Патент Спосіб вимірювання ефективної площі розсію-вання великогабаритних об'єктів в ближній зоні Патент України на винахід UA 03909, G01S 13/00, G01R 29/00. № а201703909; заявл. 20.04.2017. Колчигін М. М. Легенький М. М. Масловський О. А. Биков В. М. Субач Н. Є. Васильченко І. І. Биков С. М.
398	2018 Патент Спосіб вимірювання температури Бюлетень №10 від 25.05.2018 Калантар`ян О. В. Кононенко С. І. Журенко В. П. Желтопята Н. О.
399	2018 Патент Спосіб дезінфекції лабораторних приміщень при роботі зі збудниками туберкульозу Заявка № у 2017 07545 Солодянкін О. С. Стегній Б. Т. Константиновська О. С. Потейко П. І. Палій А. П. Рогожин А. В. Герілович А. П.
400	2018 Патент Спосіб діагностики специфічної активності туберкульозу легень Заявка № у 201707744 Ткач С. І. Потейко П. І. Рогожин А. В. Константиновська О. С.
401	2018 Патент Спосіб лікування гнійних ран Державному реєстрі патентів України на корисні моделі 25.10.2018р. Іванова Ю. В. Прасол В. О. Коробов А. М. Пуляєва І. С.
402	2018 Патент Спосіб лікування гнійного холангіту Зареєстровано в Державному реєстрі патентів України на корисні моделі 25.10.2018р Іванова Ю. В. Мушенко Э. В. Коробов А. М. Момот О. М.
403	2018 Патент Спосіб лікування холедохолітіазу 11.06.2018 Бюл.№11 Бойко В. В. Авдосєв Ю. В. Макаров В. В. Грома В. Г. Сочнева А. Л.
404	2018 Патент Спосіб лікування цереброваскуля рних порушень головного мозку 45901 Бабійчук В. Г. Айдарова В. С. Кудокоцева О. В. Ломакін І. І. Мамонтов В. В.
405	2018 Патент Спосіб медичної реабілітації хворих на депресивно-параноїдні післяпологові психози (21) Номер заявки: у 2018 04411 (22) Дата подання заявки: 23.04.2018 (24) Дата, з якої є чинними права на корисну модель: 25.10.2018 (46) Дата публікації відомостей про видачу патенту та номер бюлетеня: 25.10.2018, Бюл. № 20 Пономарьов В. І. Суворова-Григорович Г. О. Міщенко О. М. Сукачова О. М.
406	2018 Патент Спосіб одночасного визначення концентрації та частоти зіткнень електронів у нижній іоносфері Патент № 125594 Україна. опубл. 10.05.2018, Бюл. № 9/2018, 5 с. Смирний М. Ф. Гоков О. М.
407	2018 Патент Спосіб формування циклових підключів для блочних симетричних шифрів №117158 МПК (2018011) H04L 9/06 (2006.01) Долгов В. І. Горбенко І. Д. Лисицька І. В. Горбенко Ю. І. Настенко А. О. Лисицький К. Є.
408	2018 Патент Спосіб хірургічного лікування ран Зареєстровано в Державному реєстрі патентів України на корисні моделі 27.08.2018р. Іванова Ю. В. Бойко В. В. Клімова О. М. Коробов А. М. Прасол В. О. Мушенко Є. В.
409	2018 Патент Спосіб маскування стаціонарних і рухомих об'єктів складної форми за допомогою радіопогли-наючих матеріалів Патент України на корисну модель UA 125605, F41H 3/00. № у201800452; заявл. 17.01.2018; опубл. 10.05.2018. – Бюл. № 9/2018. Колчигін М. М. Легенький М. М. Масловський О. А. Биков В. М. Биков С. М. Васильченко І. І. Хардіков В. В.

410	2018 Патент Фрактальна антена Пат. України на корисну модель UA 123735 Погарський С. О. Майборода Д. В. Шаулов Є. А.
411	2018 Патент Фрактальна антена з індуктивним елементом збудження Пат. України на корисну модель UA 128379 Погарський С. О. Майборода Д. В. Позняков А. В.

Таблиця 8. Порівняльні показники

1a	Кількість здобувачів вищої освіти денної форми навчання на одного науково-педагогічного працівника, який працює у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду і має науковий ступінь доктора наук та/або вчене звання професора	41,15
1б	Кількість здобувачів вищої освіти денної форми навчання на одного науково-педагогічного працівника, який працює у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду і має науковий ступінь та/або вчене звання	11,17
2	Питома вага здобувачів вищої освіти, які під час складання єдиного державного кваліфікаційного іспиту продемонстрували результати в межах 25 відсотків кращих серед учасників відповідного іспиту протягом звітного періоду, але не більше трьох останніх років (стосується здобувачів вищої освіти, для яких передбачається складання єдиного державного кваліфікаційного іспиту)	0
3	Кількість здобувачів вищої освіти денної форми навчання, які не менше трьох місяців протягом звітного періоду або із завершенням у звітному періоді навчалися (стажувалися) в іноземних закладах вищої освіти (наукових установах) за межами України, приведена до 100 здобувачів вищої освіти денної форми навчання	0,97
4	Кількість науково-педагогічних і наукових працівників, які не менше трьох місяців протягом звітного періоду або із завершенням у звітному періоді стажувалися, проводили навчальні заняття в іноземних закладах вищої освіти (наукових установах) (для закладів вищої освіти та наукових установ культурологічного та мистецького спрямування - проводили навчальні заняття або брали участь (у тому числі як члени журі) у культурно-мистецьких проектах) за межами України, приведена до 100 науково- педагогічних і наукових працівників, які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	0,26
5	Кількість здобувачів вищої освіти, які здобули у звітному періоді призові місця на Міжнародних студентських олімпіадах, II етапі Всеукраїнської студентської олімпіади, II етапі Всеукраїнського конкурсу студентських наукових робіт, інших освітньо-наукових конкурсах, які проводяться або визнані МОН, міжнародних та всеукраїнських культурно-мистецьких проектах, які проводяться ПЗ*100/П1 7 або визнані Мінкультури, на Олімпійських, Паралімпійських, Дефлімпійських іграх, Всесвітній та Всеукраїнській універсіадах, чемпіонатах світу, Європи, Європейських іграх, етапах Кубків світу та Європи, чемпіонату України з видів спорту, які проводяться або визнані центральним органом виконавчої влади, що забезпечує формування державної політики у сфері фізичної культури та спорту, приведена до 100 здобувачів вищої освіти денної форми навчання	2,04

6	Середньорічна кількість іноземних громадян серед здобувачів вищої освіти у закладі вищої освіти, які навчаються за кошти фізичних або юридичних осіб, за денною формою навчання за останні три роки (крім вищих військових навчальних закладів (закладів вищої освіти із специфічними умовами навчання), військових навчальних підрозділів закладів вищої освіти)	3970
7	Середньорічна кількість громадян країн - членів Організації економічного співробітництва та розвитку - серед здобувачів вищої освіти у закладі вищої освіти, які навчаються за кошти фізичних або юридичних осіб, за денною формою навчання за останні три роки (крім вищих військових навчальних закладів (закладів вищої освіти із специфічними умовами навчання), військових навчальних підрозділів закладів вищої освіти)	723
8	Середнє значення показників індексів Гірша науково-педагогічних та наукових працівників (які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду) у наукометричних базах Scopus, Web of Science, інших наукометричних базах, визнаних МОН, приведені до кількості науково-педагогічних і наукових працівників цього закладу	1,53
9	Кількість науково-педагогічних та наукових працівників, які мають не менше п'яти наукових публікацій у періодичних виданнях, які на час публікації було включено до наукометричної бази Scopus або Web of Science, інших наукометричних баз, визнаних МОН, приведена до 100 науково-педагогічних і наукових працівників, які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	12,91
10	Кількість наукових журналів, які входять з ненульовим коефіцієнтом впливовості до наукометричних баз Scopus, Web of Science, інших наукометричних баз, визнаних МОН, що видаються закладом вищої освіти, приведена до кількості спеціальностей, з яких здійснюється підготовка здобувачів вищої освіти у закладі вищої освіти станом на 31 грудня останнього року звітного періоду	0,063
11	Кількість науково-педагогічних та наукових працівників, які здійснювали наукове керівництво (консультування) не менше п'ятьох здобувачів наукових ступенів, які захистилися в Україні, приведена до 100 науково-педагогічних і наукових працівників, які П8*100/П6 8 працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	5,27
12	Кількість об'єктів права інтелектуальної власності, що зареєстровані закладом вищої освіти та/або зареєстровані (створені) його науково-педагогічними та науковими працівниками, що працюють у ньому на постійній основі за звітний період, приведена до 100 науково-педагогічних і наукових працівників, які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	24,29
13	Кількість об'єктів права інтелектуальної власності, які комерціалізовано закладом вищої освіти та/або його науково-педагогічними та науковими працівниками, які працюють у ньому на постійній основі у звітному періоді, приведена до 100 науково-педагогічних і наукових працівників, які працюють у закладі вищої освіти за основним місцем роботи станом на 31 грудня останнього року звітного періоду	0

