СХВАЛЕНО
Рішенням Вченої ради
Харківського національного
університету імені В. Н. Каразіна
протокол № 5 від 22.04.2019 р.
_____В. С.Бакіров

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
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Присвоєння статусу національного (дата та реквізити відповідного акта
Указ Президента України №1313/99 від 11 жовтня 1999 року,
код нормативного акта: 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», а також 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 із вищою освітою).

2. На виконання Законів України «Про освіту» та «Про вищу освіту», ґрунтуючись на принципах, викладених 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 і 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 із метою підвищення ефективності управління освітнім процесом;

– забезпечення публічності інформації про діяльність університету;

– створення ефективної системи запобігання та виявлення академічного плагіату в наукових працях працівників закладів вищої освіти і здобувачів вищої освіти;

– участь університету в національних та міжнародних рейтингових дослідженнях закладів вищої освіти.

Стандарти організації
що описують процеси системи управління якістю освітньої і наукової діяльності

№ з/п	Процес управління якістю	Назва документа	Реквізити документа
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 у 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		Порядок 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 здобувачі 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 кафедр ХНУ імені В. Н. Каразіна	Наказ ректора № 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 із 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		Правила користування ЦНБ	Наказ ректора № 0305-1/124 від 10.05.2015
30		Положення 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	Положення про порядок підготовки та тиражування навчальних і наукових видань	Наказ ректора №0208-1/115 від 03.04.2017
32	Інформаційно-технічне забезпечення	Положення про інформаційний супровід веб-ресурсів ХНУ імені В. Н. Каразіна	Наказ ректора № 0124-1/123 від 11.06.2012
33		Положення 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: онлайн-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 веб-ресурсів, який складається з 1 167 дистанційних курсів, які використано на заочній та денній формах навчання. Здійснюється 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 розміщено 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. Із 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 бази даних в онлайн-доступі з усіх комп'ютерів університету: наукометричні – Scopus, Web of Science і повнотекстові бази даних іноземних та вітчизняних видавництв: CUL Online, EBSCO, Cambridge University Press, Institute of Physics Publishing, Royal Society Publ., Oxford University Press, SpringerNature; веб-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 більш 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 із можливістю пошуку за текстами (http://karazin.back2news.org).

Електронні бази даних, доступ до яких надавався ЦНБ в онлайн-режимі

Назва	Зміст
SCOPUS	Найбільша у світі наукометрична бібліографічна та реферативна база даних, а також інструмент для відстеження цитованості статей, опублікованих у наукових виданнях.
Web of Science	Одна з найбільших реферативних баз даних, яка пропонує науковцям, викладачам і студентам швидкий доступ до якісної міждисциплінарної релевантної інформації. Охоплює понад 50 млн записів із 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 10 000 назв англомовних 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 українськомовних 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 та соціальних наук, медицини, фізичних наук, математики.
Журнали Royal Society Publishing	11 наукових видань із 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 2 211 наукових журналів міжнародного видавництва Springer.
Журнали Oxford University Press	Одна з найбільших й поважних колекцій академічних журналів із 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.

Віртуальні бази даних бібліотеки Міжнародної інформаційної служби Держдепартаменту США «eLibrary USA» – 9 баз (у Центрі «Вікно в Америку»)	
Academic OneFile	Доступ до повнотекстових статей із майже 8 000 наукових журналів
JSTOR	Повнотекстові статті із соціальних наук, економіки та історії з 850 академічних журналів
ProQuest Dissertations & Theses Database	База даних вміщує понад 1,5 млн дисертацій та рефератів із 700 університетів
Research in Context	Статті за темою дослідження з більш ніж 1 200 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 1 700 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 біомедицини, наук про життя, фізичних та суспільних наук
Ovid	Ресурси з медицини від компанії Ovid
Euromonitor	Бази даних з аналізу світового ринку
ProQuest	Дисертації та автореферати з різних галузей знань, бази даних із біології та охорони здоров'я
EBSCO eBooks	Електронні книги з різних галузей знань
World eBook Library	Найбільша у світі колекція електронних книжок та документів, яка пропонує понад 2 млн назв та 23 тис. аудіокнижок
Market Research Monitor	Онлайн-колекція з 10 000 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 із 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 7 000 електронних академічних монографій і популярних книг у 18 різних колекціях із 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 2 500 книг переважно гуманітарного профілю
Mary Ann Liebert Publishing	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 у 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 із медицини, а також містить більш ніж 50 тис. зображень, відеоматеріалів, 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 із 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 із медицини, а також містить більш ніж 50 тис. зображень, відеоматеріалів, інформацію про інструменти діагностики та лікувальні засоби
ProQuest Dissertations & Theses Global (PQDT)	Найповніша повнотекстова колекція докторських (PhD) і магістерських дисертацій у світі. У PQDT відображено 3,5 млн дисертацій, понад 1,5 млн
JSTOR	Цифрова бібліотека провідних наукових журналів (понад 2 500 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	Правнича база даних, що надає доступ до документів з історії права. Вона містить повнотекстовий доступ до більш ніж 2 000 назв наукових юридичних журналів, а також повне зібрання стенограм засідань Конгресу США
SpringerLink від Springer Science+Business Media	Повнотекстовий доступ до більш ніж 2 200 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 1 500 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 5 000 найменувань газет та журналів. На ресурсі репрезентовано пресу зі 100 країн світу 60 мовами
SAGE	Провідне міжнародне видавництво, що видає понад 650 журналів і 800 книг у галузях: науки про здоров'я, медико-біологічні науки та науки про життя**,** матеріалознавство та інжиніринг, суспільні та гуманітарні науки
Bibliotech	Підручники з хімії для ЗВО 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 млн 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 1 600 назв наукових видань із 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:

- веб-портал «ДП Інформаційно-обчислювальний центр Міністерства соцполітики України» (веб-технологія);
- веб-портал «е-звітність» (веб-технологія) – система подання електронної звітності клієнтами ДКСУ;
- «M.E.Doc» (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 сьогдні 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 репрезентації 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 закладів вищої освіти та 2 278 місце – з-поміж майже 22 000 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 репрезентовано 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 межах 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 і 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 структуру та склад керівних органів	ч. 3 ст. 79 Закону України «Про вищу освіту», ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/general/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,	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/general/docs/certificates

сертифікат про інституційну акредитацію (за наявності)		
Освітні програми, що реалізуються в закладі освіти, та перелік освітніх компонентів, передбачених 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 забезпечення закладу освіти (згідно з ліцензійними умовами)	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/ua/general/docs/mat-teh-zabezpechennya
Напрями наукової	ч. 2 ст. 30 Закону	http://www.univer.kharkov.ua/ua/research

та/або мистецької діяльності (для закладів вищої освіти)	України «Про освіту»	
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, їхня вартість, порядок надання та оплати	ч. 2 ст. 30 Закону України «Про освіту»	http://www.univer.kharkov.ua/docs/work/nadannya-platnyh-poslug.pdf

ІІ. 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 із країн членів ОЕСР
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*
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	122	Комп'ютерні науки	8			1	

докторанти							
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:			**13 951**	**136**	**284**	**3 970**	**723**

Таблиця 3

Наукові, науково-педагогічні працівники

Факультет (інститут)	**Кафедра, відділ тощо**	**Кількість**	**Проходили стажування в іноземних ЗВО**	**Здійснювали наукове керівництво (консультування) не менш ніж п'ятьох 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 фітоімунології	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 регіонознавства	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	14			11	2

	соціальних комунікацій					
	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 система	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
	Фізичної оптики	4		2	3	-
Філологічний	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
	Української мови	19		6	15	1
Філософський	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
	Українознавства	20			17	5
Хімічний	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
	Хімічної метрології	8			7	1
Юридичний	Державно-правових дисциплін	26		4	22	6
	Конституційного, муніципального права	7		1	6	1
	Кримінально-правових дисциплін	11		3	11	4

	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:		**1 898**	**5**	**100**	**1 249**	**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	Колупаев 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	Утевський Андрій Юрійович	16204749800	3	–	–
Біологічний	Кафедра зоології і екології тварин	Утевський 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	Яцюк Ірина Ігорівна	57200826013	1	–	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіонознавства	Гусєва Наталія Володимирівна	56785509500	1	E-9540-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіонознавства	Кобилін Павло Олексійович	56677677700	1	E-9284-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіонознавства	Костріков Сергій Васильович	57192712694	1	–	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіонознавства	Нємець Людмила Миколаївна	56786611400	1	E-8259-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіонознавства	Нємець Костянтин Аркадійович	56770120900	1	E-9376-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіонознавства	Сегіда Катерина Юріївна	57192715750	1	E-8347-2019	–
Геології, географії, рекреації та туризму	Соціально-економічної географії і регіонознавства	Телебєнєва Євгенія Юріївна	57204938923	1	–	–
Екологічний	Моніторингу довкілля та природокористування	Клєщ 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	Глущенко 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	Кононова Катерина Вікторівна	55344746700	1	-	-

	прикладної економіки					
Економічний	Кафедра економічної кібернетики та прикладної економіки	Меркулова Тамара Вікторівна	57190256768	1	-	-
Іноземних мов	Кафедра англійської мови	Скриль Оксана Іванівна	57190008315	1	–	–
Комп'ютерних наук	Кафедра моделювання систем і технологій	Гамзаєв 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 В’ячеславівна	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 програм-ного 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	Нарєжній 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 В’ячеславович	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	Y-8438-2018	6
Математики і інформатики	Кафедра вищої математики і інформатики	Анощенко Ольга Олексіївна	6505939758	2	–	2
Математики і інформатики	Кафедра фундамента-льної математики	Вишнякова Ганна Марківна	6508012873	3	–	3
Математики і інформатики	Кафедра фундамента-льної математики	Гефтер Сергій Леонідович	6506698897	3	–	2
Математики і інформатики	Кафедра фундамента-льної математики	Гордевський В’ячеслав Дмитрович	6506402636	5	–	3
Математики і інформатики	Кафедра фундамента-льної математики	Дубовий Володимир Кирилович	8722805000	2	–	3
Математики і	Кафедра теоретичної та	Жолткевич Григорій	55557328000	4	E-2058-2011	2

інформатики	прикладної інформатики	Миколайович				
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	Послявський 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 В’ячеслав Олексійович	24341733300	3	–	1
Математики і інформатики	Кафедра фундаментальної математики	Резуненко Олександр В’ячеславович	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	Бутова Тетяна	55864484300	4	–	-

	медицини	Сергіївна				
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	Кафедра міжнародної електронної комерції та готельно-ресторанної справи	Бабенко Віталіна Олексіївна	56658371300	4	E-6521-2018	7
Міжнародних економічних відносин та туристичного бізнесу	Кафедра міжнародних економічних відносин	Матюшенко Ігор Володимирович	6508128709	-	E-1648-2018	1
Міжнародних економічних відносин та туристичного бізнесу	Кафедра 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 Володимирович	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 Микола 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	Е-9588-2019	1
Факультет психології	Кафедра прикладної психології	Луценко Олена Львівна	56113074300	1	М-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 В'ячеславівна	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	І-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 Станіслав Пилипович	6701504938	13	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Єлисєєва 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 Ігоревич	55893383500	3	–	–
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра квантової радіофізики	Маслов В'ячеслав Олександрович	7202893705	4	І-8314-2014	2
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра прикладної електродинаміки	Медвєдєв Микола Володимирович	45561590800	2	–	1
Факультет радіофізики, біомедичної електроніки та комп'ютерних систем	Кафедра фізичної і біомедичної електроніки та комплексних інформаційних технологій	Мустецов 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	Селютін 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	Титар 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 В'ячеслав 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 Костянитин Едуардович	7004032935	12	J-2751-2015	11
Фізико-енергетичний	Кафедра інформаційних технологій в фізико-енергетичних системах	Рогова Світлана Юріївна	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	Азарєнков Микола Олексійович	7005703838	16	–	17
Фізико-технічний	Кафедра прикладної фізики та фізики плазми	Афанасьева 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	Бережной Юрій Анатолійович	6701511921	7	–	7
Фізико-технічний	Кафедра матеріалів реакторобудування та фізичних технологій	Береснєв 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	Мінєнков 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 Геннадій 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	Ромащенко 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	E-8562-2019	8
Фізичний	Кафедр вищої математики	Дюкарев Юрій Михайлович	6504359121	5	-	-
Фізичний	Кафедра експериментальної фізики	Єгоренков Володимир Дмитрович	6602475391	14	–	–
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Єзерська Олена Володимирівна	6602585206	3	E-8585-2019	3
Фізичний	Кафедр астрономії та космічної інформатики	Захожай Володимир Анатолійович	18635588900	2	–	–
Фізичний	Кафедра експериментальної фізики	Зєтова Тетяна Расимівна	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 Федосіївна	710838713	5	-	-
Фізичний	Кафедра загальної фізики	Кунцевич Станіслав Петрович	6602255715	4	-	-
Фізичний	Кафедра експериментальної фізики	Лєбедєв Сергій Вікторович	57194783510	3	–	–
Фізичний	Кафедра фізичної оптики	Лимар Валентин Іванович	6507493322	3	E-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	E-8542-2019	6
Фізичний	Кафедра експериментальної фізики	Пойда Володимир Павлович	6505912521	4	H-1224-2017	4
Фізичний	Кафедра теоретичної фізики імені академіка І. М. Лівщиця	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	E-9245-2019	4

Фізичний	Кафедр експериментальної фізики	Сухов Володимир Миколайович	7005223244	10	E-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	Шурінов Роман Володимирович	24577883200	2	–	–
Фізичний	Кафедра експериментальної фізики	Шурінова 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	Бондарєв 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	Єльцов 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	Камнєва 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 Юріївна	24773554100	2	–	–
Хімічний	Кафедра хімічного матеріалознавства	Коробов Олександр Ісаакович	57190867919	8	–	7
Хімічний	Кафедра неорганічної хімії	Корсун Олександр Миколайович	56040039000	4	B-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	J-8893-2014	–
Хімічний	Кафедра неорганічної хімії	Панченко Валентина Григорівна	57189287790	2	U-4367-2017	2
Хімічний	Кафедра хімічної метрології	Решетняк Олена Олександрівна	6603383572	4	–	–
Хімічний	Кафедра хімічного матеріалознавства	Рошаль Олександр Давидович	6603678520	12	H-2067-2016	10
Хімічний	Кафедра неорганічної хімії	Рябчунова Анастасія Валеріївна	55749894400	1	–	–
Хімічний	Кафедра органічної хімії	Сидоренко Дмитро Юрійович	36923110700	3	R-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 Юріївна	56374059600	3	–	–
Хімічний	Кафедра хімічного матеріалознавства	Хрістенко Інна Василівна	7004063527	4	–	–
Хімічний	Кафедра фізичної хімії	Чейпеш Тетяна Олександрівна	55217731100	4	–	–
Хімічний	Кафедра органічної хімії	Чепелєва 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				**1 787**		**1 125**

Таблиця 5

Наукові, науково-педагогічні працівники, які мають не менше п’яти публікацій у періодичних виданнях, що на час публікації було включено до наукометричних баз Scopus або Web of Science

Факультет (Інститут)	Кафедра, відділ тощо	Прізвище, ім’я, по батькові наукового, науково-педагогічного працівника	Кіл-ть публікацій Scopus	Назва та реквізити публікацій Scopus (прирівняні відзнаки)	Кіл-сть публікацій Web of Science	
Біологіч-ний	Генетики і цитології	Атраментова Любов Олексіївна	18	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. 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. 3. Aggression and empathy as genetic differentiation factors of urban population. Atramentova, L. A., Luchko, E. N. 2016. Genetika. 52(6), pp. 705-712. 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. 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. 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. 7. GENE POOL SIMILARITIES AND DIFFERENCES BETWEEN UKRAINIANS AND RUSSIANS OF SLOBOZHANSHINA ON Y-CHROMOSOME DATA. Utevska, O. M., Pshenichnov, A. S., Dibirova, Kh. D., (...), Atramentova, L. A., Balanovsky, O. P. 2015. TSitologiia i genetika. 49(4), pp. 40-50. 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. 9. [Characteristics of migration in the population of Yevpatoria (Crimea)]. Atramentova, L. A., Meshcheriakova, I. P., Filiptsova, O. V. 2014. Genetika. 50(9), pp. 1124-1132. 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. 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. 12. Population distribution and ancestry of the cancer protective MDM2 SNP285 (rs117039649). Knappskog, S., Gansmo, L. B., Dibirova, K., (...), Balanovsky, O., Lønning, P. E. 2014. Oncotarget. 5(18), pp. 8223-8234. 13. [Reproduction characteristics and Crow's index in different groups of Yevpatoria population]. Atramentova, L. A., Meshcheryakova, I. P., Filipsova, O. V. 2013. Genetika. 49(12), pp. 1398-1406. 14. Reproduction characteristics and crow's index in different groups of yevpatoria population. Atramentova, L. A., Meshcheryakova, I. P., Filiptsova, O. V. 2013. Russian Journal of Genetics. 49(12), pp. 1219-1226. 15. Genetic affinities of Ukrainians from the maternal perspective. Pshenichnov, A., Balanovsky, O., Utevska, O., (...), Atramentova, L., Balanovska, E. 2013. American Journal of Physical Anthropology. 152(4), pp. 543-550. 16. Genetic demography of populations of three megalopolises in relation to the problem of creating genetic databases. Kurbatova, O. L., Pobedonostseva, E. Y., Veremeichyk, V. M., (...), Tsybovsky, I. S., Udina, I. G. 2013. Russian Journal of Genetics. 49(4), pp. 448-456. 17. [Genetic demography of populations of three megalopolises in relation to the problem of creating genetic databases].	11	1. Genomic analyses info Jagoda, Evelyn; з співавтора 2. Aggression and empat RUSSIAN JOURNAL OF GE 3. Genetic Heritage of th Chromosomal Data. Kushniar e0135820. SEP 2 2015. 4. Gene pool similarities chromosome data. Utevska, O GENETICS. 49. 4. 245-253. J 5. A recent bottleneck of Lauri; Vicente, Mario; з спів 6. Populations of Transca Chukhraeva, M. I.; Agdzhoya MEDICINE. 6. 2. 133-140. 20 7. Population distribution Gansmo, Liv B.; Dibirova, Kh 8. Characteristics of migr Filiptsova, O. V. RUSSIAN J 9. Reproduction characte Meshcheryakova, I. P.; Filipts 10. Genetic Affinities of Utevska, Olga; з співавторам 2013. 11. Genetic demography databases. Kurbatova, O. L.; E GENETICS. 49. 4. 448-456. A

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Біологіч-ний	Генетики і цитології	Утевська Ольга Михайлівна	17	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. Human Genetics. 136(4), pp. 437-450. 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. Russian Journal of Genetics. 53(3), pp. 388-399. 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. Russian Journal of Genetics. 52(12), pp. 1227-1243. 4. 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A., Balanovsky, O. P. 2015. T͡Sitologiia i genetika. 49(4), pp. 40-50. 12. Deep phylogenetic analysis of haplogroup G1 provides estimates of SNP and STR mutation rates on the human Y-chromosome and reveals migrations of iranic speakers. Balanovsky, O., Zhabagin, M., Agdzhoyan, A., (...), Tyler-Smith, C., Balanovska, E. 2015. PLoS ONE. 10(4),e0122968. 13. 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. 14. Ancient human genomes suggest three ancestral populations for present-day Europeans. Lazaridis, I., Patterson, N., Mittnik, A., (...), Reich, D., Krause, J. 2014. Nature. 513(7518), pp. 409-413. 15. Analysis of genetic diversity of Russian regional populations based on common STR markers used in DNA identification. Pesik, V. Y., Fedunin, A. A., Agdzhoyan, A. T., (...), Orekhov, V. A., Balanovsky, O. P. 2014. 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Біологіч-ний	Зоології і екології тварин	Зіненко Олександр Іванович	10	1. The distribution of meadow and steppe vipers (Vipera graeca, V. renardi and v. ursinii): A revision of the new atlas of amphibians and reptiles of Europe. Mizsei, E., Zinenko, O., Sillero, N., (...), Roussos, S. A., Szabolcs, M. 2018. Basic and Applied Herpetology. 32, pp. 77-83. 2. Pleistocene extinctions and recent expansions in an anguid lizard of the genus Pseudopus. Jandzik, D., Jablonski, D., Zinenko, O., (...), Moravec, J., Gvoždík, V. 2018. Zoologica Scripta. 47(1), pp. 21-32. 3. Evolutionary melting pots: a biodiversity hotspot shaped by ring diversifications around the Black Sea in the Eastern tree frog (Hyla orientalis). Dufresnes, C., Litvinchuk, S. N., Leuenberger, J., (...), Stöck, M., Perrin, N. 2016. Molecular Ecology. 25(17), pp. 4285-4300. 4. Hybrid origin of European Vipers (Vipera magnifica and Vipera orlovi) from the Caucasus determined using genomic scale DNA markers. Zinenko, O., Sovic, M., Joger, U., Gibbs, H. L. 2016. BMC Evolutionary Biology. 16(1),76. 5. Individual growth rates of Nikolsky's Viper, Vipera berus nikolskii (Squamata, Viperidae). Bondarenko, Z. S., Zinenko, O. I. 2016. Vestnik Zoologii. 50(1), pp. 65-70. 6. Mitochondrial phylogeny shows multiple independent ecological transitions and northern dispersion despite of Pleistocene glaciations in meadow and steppe vipers (Vipera ursinii and Vipera renardi). Zinenko, O., Stümpel, N., Mazanaeva, L., (...), Murphy, R. W., Joger, U. 2015. Molecular Phylogenetics and Evolution. 84, pp. 85-100. 7. Geographic variation of life-history traits in the sand lizard, Lacerta agilis: Testing Darwin's fecundity-advantage hypothesis. Roitberg, E. S., Eplanova, G. V., Kotenko, T. I., (...), Zinenko, O. I., Yakovlev, V. A. 2015. Journal of Evolutionary Biology. 28(3), pp. 613-629. 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. Evolutionary Biology. 40(3), pp. 420-438. 9. Additions to the distribution of Vipera eriwanensis (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. Herpetology Notes. 5, pp. 423-427. 10. Molecular data confirm recent fluctuations of northern border of dice snake (Natrix tessellata) range in eastern Europe. Marosi, B., Zinenko, O. I., Ghira, I. V., (...), Sos, T., Popescu, O. 2012. North-Western Journal of Zoology. 8(2), pp. 374-377.	10	1. Pleistocene extinctions Jablonski, Daniel; Zinenko, O 2. Evolutionary melting p Eastern tree frog (Hyla orienta MOLECULAR ECOLOGY. 2 3. Hybrid origin of Europ genomic scale DNA markers. EVOLUTIONARY BIOLOG 4. Rediscovered and criti Mountains (Turkey), with rem співавторами. HERPETOZO 5. Geographic variation o hypothesis. Roitberg, E. S.; Ep BIOLOGY. 28. 3. 613-629. M 6. Mitochondrial phyloge Pleistocene glaciations in mea Nikolaus; Mazanaeva, Lyudm MAR 2015. 7. Distribution of the Dic state. Tupikov, A. I.; Zinenko 91-99. 2015. 8. Distribution of the step I. VISNYK OF DNIPROPET 9. Variation of Reproduc the Effects of Reproductive M A.; з співавторами. EVOLUT 10. Molecular data confi Europe. Marosi, Bela; Zinenk ZOOLOGY. 8. 2. 374-377. 12
Біологіч-ний	Мікології і фітоімуно-логії	Акулов Олександр Юрійович	5	1. Do plant-based biogeographical regions shape aphyllophoroid fungal communities in Europe?. Ordynets, A., Heilmann-Clausen, J., Savchenko, A., (...), Langer, E., Abrego, N. 2018. Journal of Biogeography. 45(5), pp. 1182-1195. 2. Fungi and fungus-like organisms of homilsha forests national park, Ukraine. Prylutskyi, O. V., Akulov, O. Yu., Leontyev, D. V., (...), Usichenko, A. S., Savchenko, A. O. 2017. Mycotaxon. 132(3), pp. 1-56. 3. Aphyllophoroid fungi in insular woodlands of eastern Ukraine. Ordynets, A., Savchenko, A., Akulov, A., (...), Larsson, K. -H., Langer, E. 2017. Biodiversity Data Journal. 5,e22426. 4. Reassessment of Allantonectria, phylogenetic position of Thyronectroidea, and Thyronectria caraganae sp. nov. Voglmayr, H., Akulov, O. Y., Jaklitsch, W. M. 2016. Mycological Progress. 15(9), pp. 921-937. 5. The rare representatives of the genus tremella (Tremellales, Basidiomycota): Intrahymenial fungicolous fungi. Malysheva, V. F., Akulov, A. Yu. 2012. Mikologiya I Fitopatologiya. 46(4), pp. 243-246.	3	1. Do plant-based bio Alexander; Heilmann-Clausen 1182-1195. MAY 2018. 2. Aphyllophoroid fu Akulov, Alexander; з співавт 3. Reassessment of A Voglmayr, Hermann; Akulov, 2016.

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Біологіч-ний	Зоології і екології тварин	Полчанінова Ніна Юріївна	9	1. New data on the spider fauna (Araneae) of Navarre, Spain: Results from the 7th EDGG Field Workshop. Polchaninova, N., Garciá-Mijangos, I., Berastegi, A., Dengler, J., Biurrun, I. 2018. Arachnologische Mitteilungen. 56(1), pp. 17-23. 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. 3. Effect of summer fire on cursorial spider (Aranei) and beetle (Coleoptera) assemblages in meadow steppes of Central European Russia. Polchaninova, N., Tsurikov, M., Atemasov, A. 2016. Hacquetia. 15(2), pp. 113-132. 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. griculture, Ecosystems and Environment. 234, pp. 65-71. 5. A new species of the genus Pulchellodromus Wunderlich, 2012 (Aranei: Philodromidae) from Spain. Kastrygina, Z. A., Kovblyuk, M. M., Polchaninova, N. Yu. 2016. Arthropoda Selecta. 25(3), pp. 293-296. 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. 7. Distiribution of the Spider Zelotes Azsheganovae (Aranei, Gnaphosidae) on the East European Plain. Evtushenko, K. V., Polchaninova, N. Y., Esyunin, S. L. 2015. Vestnik Zoologii. 49(4), pp. 305-310. 8. Catalogue of the spiders (Arachnida, Aranei) of Left-Bank Ukraine. Polchaninova, N. Y., Prokopenko, E. V. 2014. Arthropoda Selecta. 23, pp. 1-268. 9. Assemblages of herb-dwelling spiders (Araneae) of various steppe types in Ukraine and the Central Chernozem region of Russia. Polchaninova, N. Y. 2012. Arachnologische Mitteilungen. (43), pp. 66-78.	5	1. An annotated checklis Ukraine). Polchaninova, N. Y 253-272. SEP 2017. 2. The impact of cattle gr northeastern Ukraine. Polchar AGRICULTURE ECOSYSTE 3. A new species of the g Zoya A.; Kovblyuk, Mykola M 4. PRELIMINARY SUR MEADOWS IN THE SOUTH I.; з співавторами. BIOLOGI PEDAGOGICAL UNIVERSI 5. MATERIALS TO TH GORA" NATURE RESERVE BOGDAN CHMELNITSKIY
Біологіч-ний	Зоології і екології тварин	Вязовська Ольга Володи-мирівна	5	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. 2. Effects of Intrahippocampal Injections of Melipramin on EEG, Brain Self-Stimulation, and Behavioral Indices of Rats		

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Економічний	Кафедра економіч-ної кіберне-тики та прикладної економіки	Кононова Катерина Юріївна	9	1. Merkulova, T., Kononova, K., Titomir, O. Development trends of circular economy: Case study of Ukraine 2017Rivista di StudisullaSostenibilita (2), c. 51-66. 2. Kononova, K., Dek, A., Shpakovych, M. Modeling of posting behavior in social media 2017 CEUR Workshop Proceedings 2030, c. 837-849. 3. Merkulova, T., Kononova, K. Environmental management: Emission control instruments 2016 Quality - Access to Success17, c. 497-503. 4. Kononova, K., Kovpak, E. Green ICTs: Impact on the environmental sustainability 2016 International Journal of Sustainable Agricultural Management and Informatics 2(2-4), c. 95-109. 5. Merkulova, T., Bitkova, T., Kononova, K. Tax factors of sustainable development: System dynamics approach towards tax evasion analyses 2016 Rivista di StudisullaSostenibilita. 6. Kononova, K. Some aspects of ICT measurement: Comparative analysis of e-indexes 2015 CEUR Workshop Proceedings 1498, c. 938-945. 7. De Angelis, M.C., Kononova, K. Anthropocentric approach, food lifestyles and well-being sustainability 2015 Rivista di StudisullaSostenibilita (2), c. 31-44. 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. 9. Kononova, K. Information society: Statistical profiles and development stages 2013Contributions to Economics.		
Економічний	Кафедра фінансів, банківської справи та страху-вання	Глущенко Ольга Вікторівна	7	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. 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. 3. Глущенко О.В. Добробут як імператив суспільного розвитку України / О.В. Глущенко // Економічний часопис-XXI – 2016. – №156(1-2). – С. 31-36. 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.		

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Іноземних мов	кафедра англійської мови	Черкашина Надія Іванівна			6	1.Geochemical aspect of of Geology Geography and G 2. Dynamics of the tempe thermohaline circulation (Mal Geoecology; том:27,випуск: 3.Physical and geographi S.I.,Cherkashyna N.I.,Babaiev Ecology, Випуск: 47, стр. 14 4.Assessment of water qu V.H.,Cherkashyna N.I. Visny Випуск: 44, стр. 172-177,201 5.Spatial distribution of c (Reshetchenko S.I.,Klymenko Geology Geography Ecology, 6.History of sustainable d N.V.,Cherkashyna N.I. Visny Випуск: 43, стр. 148-152,201
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Рассомахін Сергій Геннадійович	6	1. Mathematical Model for the Probabilistic Minutia Distribution in Biometric Fingerprint Images Rassomakhin, S., Kuznetsov, A., Shlokin, V., Belozertsev, I., Serhiienko, R. Proceedings of the 2018 IEEE 2nd International Conference on Data Stream Mining and Processing, DSMP 2018 8478496, с. 514-518. 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 Science and Technology, PIC S and T 2017 – Proceedings 2018-January, с. 305-310. 3. Ensuring database security with the universal basis of relations Yesin, V.I., Yesina, M.V., Rassomakhin, S.G., Karpinski, M. Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 11127 LNCS, с. 510-522. 4. Mathematical and physical nature of the channel capacity Rassomakhin, S.G. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika) 76(16), с. 1423-1451. 5. Data security mechanisms implemented in the database with universal model Grachev, V.M., Esin, V.I., Polukhina, N.G., Rassomakhin, S.G. Bulletin of the Lebedev Physics Institute 41(5), с. 123-126. 6. Technology for developing databases of information systems Grachev, V.M., Esin, V.I., Polukhina, N.G., Rassomakhin, S.G. Bulletin of the Lebedev Physics Institute 41(5), с. 119-122.		
Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кузнецов Олександр Олексан-дрович	19	1. Rassomakhin, S., Kuznetsov, A., Shlokin, V., Belozertsev, I., Serhiienko, R. Mathematical Model for the Probabilistic Minutia Distribution in Biometric Fingerprint Images, 2018 Proceedings of the 2018 IEEE 2nd International Conference on Data Stream Mining and Processing, DSMP 2018 8478496, с. 514-518. 2. Kuznetsov, A., Pushkar'ov, A., Kiyan, N., Kuznetsova, T. Code-based electronic digital signature, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 331-336. 3. Kuznetsov, A., Frolenko, V., Eremin, E., Zavgorodnia, O. Research of cross-platform stream symmetric ciphers implementation, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018 с. 300-305. 4. Kuznetsov, A., Serhiienko, R., Prokopovych-Tkachenko, D., Tarasenko, Y. Evaluation of Algebraic Immunity of	10	1. The Research of Mode 4th International Scientific-Pr Kharkiv, UKRAINE публ.: O 2. Code-Based Public-Ke Igor; Kiyan, Nastya; с соавто Science and Technology (PIC 3. Periodic Characteristic Ievgeniia; Kuznetsova, Tetian Science and Technology (PIC

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Комп'ю-	Кафедра безпеки	Горбенко Іван	16	1. Gorbenko, I., Kachko, O., Yesina, M., Akolzina, O. Post-quantum algorithm of asymmetric encryption and its basic	6	1. **Anonymous Electron**

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Комп'ю-терних наук	Кафедра безпеки інформаційних систем і	Родінко Марія Юріївна	6	1. Rodinko, M., Oliynykov, R., Eliseev, R. Search for one-round differential characteristics of lighweight block cipher Cypress-256, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 312-315.		

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Комп'ю-терних наук	Кафедра безпеки інформаційних систем і технологій	Олійников Роман Васильович	9	1. Rodinko, M., Oliynykov, R., Eliseev, R. Search for one-round differential characteristics of lighweight block cipher Cypress-256, 2018 Proceedings of 2018 IEEE 9th International Conference on Dependable Systems, Services and Technologies, DESSERT 2018, с. 312-315. 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 Blockchains for Distributed Systems, Part of mobisys 2018, с. 42-47. 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. 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. 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. 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. 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. 8. Kazymyrov, O., Oliynykov, R., Raddum, H. Influence of addition modulo 2^n on algebraic attacks, 2016 Cryptography and Communications 8(2), с. 277-289. 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.	7	1. **Influence of addition** Havard International Worksh 2014 Том: 8 Выпуск: 2 Спец 2. **Ouroboros: A Provab** Alexander; David, Bernardo; Santa Barbara, CA публ.: AU 3. **Improvement of the H** Roman; Gorbenko, Yurii 3rd and Technology (PIC S&T). I 4. **Open Problems of Pro** Mariia; Oliynykov, Roman 4t and Technology (PIC S&T). I 5. **Comparison of Moder** Roman International Scientifi S&T). Kharkiv, UKRAINE пр 6. **An Approach to Searc** Mariia; Oliynykov, Roman In Technology (PIC S&T). Khar 7. **Analysis of Splitting A** Dmytro; Shevtsov, Oleksiy; c Advanced Computing System 2017 Стр.: 978-982
Комп'ю-терних наук	Кафедра безпеки інформаційних систем і технологій	Замула Олександр Андрійович	6	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. 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. 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.		

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Комп'ютерних наук	Кафедра безпеки інформаційних систем і технологій	Кошман Сергій Олександрович	5	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	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 В'ячеславович	8	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 Informatik (GI), P-259, pp. 103-109. 6. Knowledge-based approach to effectiveness estimation of post object-oriented technologies in software maintenance(2015) CEUR Workshop Proceedings, 1356, pp. 62-77. 7. Model and tools for multi-dimensional approach to requirements behavior analysis (2013) Lecture Notes in Business Information Processing, 137, pp. 191-198.	5	1. The maximal advance microstructure.PHILOSOPHI 2. Models, Methods and Maintenance.INFORMATION INDUSTRIAL APPLICATIO 3. Model and Tools for M SYSTEMS: METHODS, MO 4. Knowledge-Oriented A Domain.INFORMATION SY с. 205-207. 5. Towards Effectiveness MODELLING AND INFORM с. 190-206.

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Комп'ю-терних наук	Кафедра штучного інтелекту та програм-ного забезпечення	Куклін Володимир Михайлович	17	1. The consequences of the modulation instabilities (2018) Problems of Atomic Science and Technology, 116 (4), pp. 225-229. 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. 3. Superradiance of stationary oscillators (2018) Problems of Atomic Science and Technology, 116 (4), pp. 217-220. 4. The superradiance of a bunch of rotating electrons (2018) Problems of Atomic Science and Technology, 116 (4), pp. 221-224. 5. On pulsating radiation in weakly inverted media (2018) Problems of Atomic Science and Technology, 116 (4), pp. 268-272. 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. One-dimensional modulational instability models of intense Langmuir plasma oscillations using the Silin-Zakharov equations (2016) Physics-Uspekhi, 59 (7), pp. 669-688. 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), статья № 092118, 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. 11. Structural-phase transitions and state function in unstable convective medium (2015) Problems of Atomic Science and Technology, 98 (4), pp. 252-254. 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. 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. 15. On the emission spectrum of oscillator trapped in a potential well (2013) Problems of Atomic Science and Technology, (4), pp. 256-259. 16. Dynamics of ions during development of parametric instability of Langmuir waves (2013) Problems of Atomic Science and Technology, (4), pp. 260-266. 17. On the formation of pulses of Coherent radiation in weakly inverted media (2013) Problems of Atomic Science and Technology, (4), pp. 267-271.	21	1. DYNAMICS OF IONS WAVES.PROBLEMS OF AT 2. SIMULATION OF SY FIELD.EAST EUROPEAN J 3. Ion heating, burnout o instability of an intense Langm 4. MODELLING OF SU CHARGED PARTICLES MO TECHNOLOGY,2015, c. 255 5. PATTERN FORMATI SCIENCE AND TECHNOLO 6. ON THE FORMATIO MEDIA.PROBLEMS OF AT 7. DISSIPATIVE GENE ATOMIC SCIENCE AND TE 8. SUPERRADIANT EM OF ATOMIC SCIENCE AND 9. One-dimensional mod Zakharov equations.PHYSICS 10. ON THE NATURE O MEDIA.PROBLEMS OF AT 11. STRUCTURAL-PHA MEDIUM.PROBLEMS OF A 12. SUPERRADIANCE TECHNOLOGY,2018, c. 217 13. THE SUPERRADIAT AND TECHNOLOGY,2018, 14. THE CONSEQUENC AND TECHNOLOGY,2018, 15. STRUCTURAL PHA TEMPERATURE.PROBLEM 16. ON PULSATING RA AND TECHNOLOGY,2018, 17. Yuriy Anatolievich B OF PHYSICS,3,2016,3, c. 70- 18. ESSENTIAL FEATU LANGMUIR WAVES IN PL 19. STATE FUNCTION PHYSICS,2,2015,2, c. 32-35. 20. ION KINETICS ANI INSTABILITY OF AN INTE TECHNOLOGY,2015, c. 258 21. ON THE EMISSION ATOMIC SCIENCE AND TE
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	програм-ного забезпечення	Євгенович		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-metall waveguide with external azimuth magnetic field (2015) Problems of Atomic Science and Technology, 95 (1), pp. 77-80. 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. 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. 13. Phase and group velocities of ectromagnetic eigen waves of left-hand material slab (2012) Problems of Atomic Science and Technology, (6), pp. 87-89.		2. DISSIPATIVE GENE ATOMIC SCIENCE AND TE 3. SUPERRADIANT EM OF ATOMIC SCIENCE AND 4. SURFACE ELECTRO HANDED MATERIAL WITH 5. SURFACE ELECTRO PLASMALIKE MEDIA.PRO 6. PHASE AND GROUP SLAB.PROBLEMS OF ATO 7. MODELLING OF TH BETWEEN THE LEFT-HAN ATOMIC SCIENCE AND TE 8. ELECTROMAGNETI RADIUS.PROBLEMS OF A 9. SUPERRADIANCE O TECHNOLOGY, 2018, c. 21 10. THE SUPERRADIA AND TECHNOLOGY,2018, 11. Eigen electromagneti azimuthal magnetic field.CON 12. EIGEN DIPOLAR E WAVEGUIDE WITH EXTE TECHNOLOGY,2015, c. 77- 13. SLOW AND FAST S LEFT-HANDED MATERIAL 14. EIGEN DIPOLAR E STRUCTURE WITH AZIMU TECHNOLOGY,2013, c. 93-
Комп'ю-терних наук	Кафедра штучного інтелекту та програм-ного забезпе-чення	Гущин Іван Валерійович			5	1. STRUCTURAL TRAN SCIENCE AND TECHNOLO 2. PATTERN FORMATI SCIENCE AND TECHNOLO 3. STRUCTURAL-PHAS MEDIUM.PROBLEMS OF A 4. STRUCTURAL PHAS TEMPERATURE.PROBLEM 5. STATE FUNCTION I PHYSICS,2,2015,2, c. 32-35.
Комп'ю-терних наук	Кафедра штучного інтелекту та програм-ного забезпе-чення	Карась Ірина В'ячесла-вівна	6	1. Heating of plasmas by microwave radiation with stochastic jumpphase (2018) Problems of Atomic Science and Technology, 116 (4), pp. 235-240. 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. 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. 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. 5. Low pressure discharge induced by microwave with stochastically jumping phase(2012) 39th EPS Conference on Plasma	7	1. OPTICAL RADIATIO INITIATED BY MICROWA SCIENCE AND TECHNOLO 2. LOW PRESSURE DIS JUMPING PHASE.PROBLE 3. STUDIES OF MICRO DISCHARGE INITIATED IN SCIENCE AND TECHNOLO 4. ELECTROMAGNETI

				Physics 2012, EPS 2012 and the 16th International Congress on Plasma Physics, 2, pp. 1034-1037. 6. Low pressure discharge induced by microwaves with stochastically jumping phase(2012) Problems of Atomic Science and Technology, (1), pp. 342-345.		FIELD.PROBLEMS OF ATC 5. HEATING OF PLASM OF ATOMIC SCIENCE ANI 6. STUDIES OF PLASM WAVEGUIDE BY MICROW TECHNOLOGY,2016, c.148- 7. LOW PRESSURE DIS PHASE.PROBLEMS OF AT
Комп'ю-терних наук	Кафедра штучного інтелекту та програм-ного забезпечення	Лазурик Валентина Михайлівна	4	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. 2. Two-parametric model of electron beam in computational dosimetry for radiation processing(2016) Radiation Physics and Chemistry, 124, pp. 230-234. 3. Impact of energy spread of electron beam on absorbed dose distribution (2013) Problems of Atomic Science and Technology, (4), pp. 308-310. 4. Comparison of product irradiation technology on industrial X-ray radiation facility(2012) Problems of Atomic Science and Technology, (4), pp. 216-220.	5	1. Two-parametric model PHYSICS AND CHEMISTR 2. DOSIMETRY METH RADIATION PROCESSING 3. DETERMINATION C THE BASE OF SEMIEMPIR JOURNAL OF PHYSICS,2,2 4. IMPACT OF ENERG DISTRIBUTION.PROBLEM 5. COMPARISON OF P FACILITY.PROBLEMS OF
Комп'ю-терних наук	Кафедра моделювання систем і технологій	Лазурик Валентин Тимофійович	7	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. 2. Two-parametric model of electron beam in computational dosimetry for radiation processing(2016) Radiation Physics and Chemistry, 124, pp. 230-234. 3. Impact of energy spread of electron beam on absorbed dose distribution(2013) Problems of Atomic Science and Technology, (4), pp. 308-310. 4. Use of neural networks for monitoring beam spectrum of industrial electron accelerators(2013) CEUR Workshop Proceedings, 1000, pp. 118-129. 5. Comparison of product irradiation technology on industrial X-ray radiation facility(2012) Problems of Atomic Science and Technology, (4), pp. 216-220. 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. 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.	5	1. Two-parametric model PHYSICS AND CHEMISTR 2. DOSIMETRY METH RADIATION PROCESSING 3. DETERMINATION C THE BASE OF SEMIEMPIR JOURNAL OF PHYSICS,2,2 4. IMPACT OF ENERG DISTRIBUTION.PROBLEM 5. COMPARISON OF P FACILITY.PROBLEMS OF
Матема-тики і інформа-тики	Кафедра теоретик-ної та прикладної інформа-тики	Жолткевич Григорій Микола-йович	33	1. Descriptive Modeling of the Dynamical Systems and Determination of Feedback Homeostasis at Different Levels of Life Organization // Acta Biotheoretica, 2018, p. 1-13. 2. Two approaches to modelling logical time in cyber-physical systems // Communications in Computer and Information Science, 2018, 826, c. 21-40. 3. Preface // Communications in Computer and Information Science, 2018, 826, c. V-VII. 4. Toward synthesis of event-pattern detectors for event complex processing with using machine learning // CEUR Workshop Proceedings 2018, V. 2104, c. 707-715. 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. 6. Logical time models to study cyber-physical systems // CEUR Workshop Proceedings,V.1844, 2017, P. 488-503. 7. Preface // CEUR Workshop Proceedings, V.1851, 2017. 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. 9. Descriptive models of system dynamics // Communications in Computer and Information Science, V. 783, 2017, P. 97-	7	1. Descriptive Modeling of Life Organization // Acta B 2. Two approaches to mo Information Science, 2018, 82 3. Realization of synchro Information Science, 2016, 59 4. Unmasking the soil co NTUU KPI Seriia-Radiotekhn 5. Coalgebraic semantic Information Science, 2015, 47 6. Decomposition of Dire 1070-1084. 7. Discrete Modeling of Eutrophication // Acta Biothe

				114. 10. Preface // Communications in Computer and Information Science, V. 783, 2017, P. V-VI. 11. Realization of synchronous and asynchronous black boxes using machines // Communications in Computer and Information Science, 2016, 594, c. 124-139. 12. Preface // Communications in Computer and Information Science, 2016, 594, c. V-VI. 13. Descriptive models of system dynamics // CEUR Workshop Proceedings, 2016, 1614, c. 57-72. 14. Preface // CEUR Workshop Proceedings, 2016, 1614, c. i-ii. 15. Realization of "black boxes" using machines // CEUR Workshop Proceedings, 2015, 1356, c. 326-337. 16. Coalgebraic semantic model for the clock constraint specification language // Communications in Computer and Information Science, 2015, 476, c. 174-188. 17. Preface // CEUR Workshop Proceedings, 2015, 1356 18. Decomposition of Directed Graphs and the Turán Problem // Ukrainian Mathematical Journal, 2014, 66(7), c. 1070-1084. 19. Pre-automata and complex event processing // Communications in Computer and Information Science, 2014, 469, c. 100-116. 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. 21. Preface // Communications in Computer and Information Science, 2014, 469, c. V-VII. 22. Discrete Modeling of Dynamics of Zooplankton Community at the Different Stages of an Antropogeneous Eutrophication // Acta Biotheoretica, 2013, 61(4), c. 449-465 23. Asymptotical information bound of consecutive qubit binary testing // CEUR Workshop Proceedings, 2013, 1000, c. 163-177. 24. Protoautomata as models of systems with data accumulation // CEUR Workshop Proceedings, 2013, 1000, c. 582-589. 25. Wireframe model for simulating quantum information processing systems // CEUR Workshop Proceedings, 2013, 1000, c. 18-29. 26. Abstract quantum automata as formal models of quantum information processing systems // Communications in Computer and Information Science, 2013, 347 CCIS, c. 19-38. 27. Clocks model for specification and analysis of timing in real-time embedded systems // CEUR Workshop Proceedings, 2013, 1000, c. 475-489 28. Two Semantic Models for Clock Relations in the Clock Constraint Specification Language // Communications in Computer and Information Science, 2013, 412 CCIS, c. 190-209. 29. Information and Communication Technologies in Education, Research, and Industrial Applications: 9th International Conference, ICTERI 2013, Kherson, Ukraine, June 19-22, 2013, Revised Selected Papers // Communications in Computer and Information Science, 2013, 412 CCIS. 30. Preface // Communications in Computer and Information Science, 2013, 347 CCIS, c. V-VII. 31. Preface // CEUR Workshop Proceedings, 2013, 1000, c. I-II. 32. Towards the notion of an abstract quantum automaton // CEUR Workshop Proceedings, 2012, 848, c. 17-32. 33. Preface // CEUR Workshop Proceedings, 2012, 848, c. 3-4.		
Матема-тики і інформа-тики	Кафедра фундамен-тальної математики	Кадець Володимир Михайлович	30	1. Nonaxpansive bijections to the unit ball of the ℓ1-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	30	1. Chebyshev Centers c. 189-204. 2. Nonaxpansive bijec Australian Mathematical Soci 3. Some geometric pro 4. Γ-flatness and Bisho 274(3), c. 863-888. 5. Some stability result 6. Some examples in c

				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: Spearness, 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. 1.Further Properties of the Bishop–Phelps–Bollobás Moduli // Mediterranean Journal of Mathematics, 2016, V. 13, Issue 5, p 3173–3183. 2.Plasticity of the unit ball of a strictly convex Banach space // Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales - Serie A: Matematicas, 2016, 110(2), c. 723-727. 3.Norm-attaining Lipschitz functionals // Banach Journal of Mathematical Analysis, 2016, 10(3), c. 621-637. 4.Hypercyclic operators are subspace hypercyclic // Journal of Mathematical Analysis and Applications, 2016, 435(2), c. 1812-1815. 5.Lipschitz slices and the daugavet equation for Lipschitz operators // Proceedings of the American Mathematical Society, 2015, 143(12) c. 5281-5292 6.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. 7.Two refinements of the Bishop-Phelps-Bollobás modulus // Banach Journal of Mathematical Analysis, 2015, 9(4), c. 296-315. 8.Bishop-Phelps-Bollobás moduli of a Banach space // Journal of Mathematical Analysis and Applications, 2014, 412(2), c. 697-719. 9.Radon-Nikodým theorems for multimeasures in non-separable spaces // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(1), c. 7-24. 10. A Bishop-Phelps-Bollobás type theorem for uniform algebras // Advances in Mathematics, 2013, 240, c. 370-382. 11. Lushness, numerical index 1 and the daugavet property in rearrangement invariant spaces // Canadian Journal of Mathematics, 2013, 65(2), c. 331-348. 12. Extension of isometries between unit spheres of finite-dimensional polyhedral Banach spaces // Journal of Mathematical Analysis and Applications, 2012, 396(2), c. 441-447 13. Pointwise absolutely convergent series of operators and related classes of Banach spaces // Central European Journal of Mathematics, 2012, 10(2), c. 603-608.		7. Preface// Lecture No 8. Further results// Lec 9. Spear operators betw 10. Open problems// Le 11. Spear vectors and sp 12. Lipschitz spear oper 13. Historical introducti Mathematics, 2018, V. 2205, 14. Isometric and isomo 15. Three definitions fo Mathematics, 2018, V. 2205, 16. Operations with slic 17. Baire theorem for id 1231. 18. Further Properties o 13, Issue 5, p 3173–3183. 19. Plasticity of the unit Fisicas y Naturales - Serie A: 20. Norm-attaining Lips 21. Hypercyclic operato 435(2), c. 1812-1815. 22. Lipschitz slices and Society, 2015, 143(12) c. 528 23. Description of the li Mathematical Analysis and A 24. Two refinements of 9(4), c. 296-315. 25. Bishop-Phelps-Boll 412(2), c. 697-719. 26. Radon-Nikodým the Analysis, Geometry, 2013, 9(27. A Bishop-Phelps-Bo 382. 28. Lushness, numerical Mathematics, 2013, 65(2), c. 29. Extension of isomet Mathematical Analysis and A 30. Pointwise absolutely Journal of Mathematics, 2012
Матема-тики і інформа-тики	Кафедра прикладної математики	Кізілова Наталія Миколаївна	14	1. Validation of numerical models for flow simulation and wave propagation along human aorta // Journal of Physics: Conference Series, 2018, 1101(1),012014. 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. 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. 4. Complex flows of immiscible microfluids and nanofluids with velocity slip boundary conditions // Springer Proceedings in Physics, 2017, 195, c. 207-228. 5. Numerical elastoplastic analysis of trabeculae in lumbar vertebral body // Engineering Transactions, 2017, 65(1), c.	6	1. Investigation of antirad 2017 IEEE 7th International C January,8190335. 2. Complex flows of imm Proceedings in Physics, 2017, 3. Diagnostics of coronar BIOSIGNALS 2014 - 7th Int. Joint Conference on Biomedi 4. Quasi-regular and chao

				83-88. 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, с. 209-220. 7. Biomechanical analysis of asymmetric mesio-distal molar positions loaded by a symmetric cervical headgear // Acta of Bioengineering and Biomechanics, 2016, 18(4), с. 97-106. 8. Nature inspired optimal design of heat conveying networks for advanced fiber-reinforced composites // Journal of Thermal Engineering, 2015, 1(7), с. 636-646. 9. Diagnostics of coronary stenosis: Analysis of arterial blood pressure and mathematical modeling // Communications in Computer and Information Science, 2015, 511, с. 299-312. 10. Biomimetic composites reinforced by branched nanofibers // Springer Proceedings in Physics, 2015, 167, с. 7-23. 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, с. 76-83. 12. Quasi-regular and chaotic dynamics of postural sway in human // Springer Proceedings in Mathematics and Statistics, 2014, 93, с. 103-114 13. Mathematical models of biofluid flows in compliant ducts // Archives of Mechanics, 2012, 64(1), с. 65-94. 14. Mathematical modeling of transport-growth processes in multiphase biological continua // Fluid Dynamics, 2012, 47(1), с. 1-9.		Statistics, 2014, 93, с. 103-11 5. Mathematical models o 6. Mathematical modeling 47(1), с. 1-9.
Матема-тики і інформа-тики	Кафедра вищої математики і інформа-тики	Загороднюк Сергій Михайлович	14	1. Difference equations related to Jacobi-type pencils // Journal of Difference Equations and Applications, 2018, 24(10), с. 1664-1684. 2. On the truncated two-dimensional moment problem // Advances in Operator Theory, 2018, 3(2), с. 388-399. 3. The inverse spectral problem for jacobi-type pencils // Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2017, 13, 085, (16 pages). 4. Unitary extensions of Pairs of commuting isometric operators and their generalized resolvents // New York Journal of Mathematics, 2017, 23, с. 555-582. 5. Orthogonal polynomials associated with some Jacobi-type pencils // Ukrainian Mathematical Journal, 2017, 68(9), с. 1353-1365. 6. On extensions of J-skew-symmetric and J-isometric operators // Operators and Matrices, 2015, 9(4), с. 847-851. 7. Truncated moment problems for J-self-adjoint, J-skew-self-adjoint and J-unitary operators // Annals of Functional Analysis, 2015, 6(2), с. 91-103. 8. Invertible extensions of symmetric operators and the corresponding generalized resolvents // International Journal of Mathematical Analysis, 2014, 8(53-56), с. 2639-2649. 9. On the density of polynomials in some spaces $L^2(M)$ // Mathematical Notes, 2014, 95(1-2), с. 53-66. 10. An algorithm for the truncated matrix hausdorff moment problem // Communications in Mathematical Analysis, 2014, 17(2), с. 108-130. 11. Nevanlinna formula for the truncated matrix trigonometric moment problem // Ukrainian Mathematical Journal, 2013, 64(8), с. 1199-1214. 12. Generalized resolvents of symmetric and isometric operators: The shtraus approach // Annals of Functional Analysis, 2013, 4(1), с. 175-285. 13. Devinatz's moment problem: A description of all solutions // Journal of Operator Theory, 2012, 68(2), с. 515-541. 14. The matrix Stieltjes moment problem: A description of all solutions // New York Journal of Mathematics, 2012, 18, с. 479-497.	14	1. Difference equations r 24(10), с. 1664-1684. 2. On the truncated two- 3. The inverse spectral pr Applications (SIGMA), 2017, 4. Unitary extensions of of Mathematics, 2017, 23, с. 5. Orthogonal polynomia с. 1353-1365. 6. On extensions of J-ske 7. Truncated moment pro Analysis, 2015, 6(2), с. 91-10 8. The truncated matrix t 9. On the truncated opera 10. On the density of pol 11. Nevanlinna formula f 2013, 64(8), с. 1199-1214. 12. Generalized resolven Analysis, 2013, 4(1), с. 175-2 13. Devinatz's moment p 541. 14. The matrix Stieltjes m 18, с. 479-497.
Матема-тики і інформа-тики	Кафедра прикладної математики	Коробов Валерій Іванович	12	1.On the Robust Stabilization of One Class of Nonlinear Discrete Systems // Journal of Mathematical Sciences, 2017, 220(4), с. 483-497. 2. On robust feedback for systems with multidimensional control // Journal of Mathematical Physics, Analysis, Geometry, 2017 13(1), с. 35-56. 3. Stabilization of one class of nonlinear systems // Automation and Remote Control, 2017, 78(1), с. 1-15.	9	1. On robust feedback f Geometry, 2017 13(1), с. 35-5 2. Stabilization of one cla 3. Robust Feedback Synt 4. Stepwise synthesis o

				4. Robust Feedback Synthesis for the Canonical System // Ukrainian Mathematical Journal , 2016, 68(3), с. 380-398. 5. Stepwise synthesis of constrained controls for single input nonlinear systems of special form // Nonlinear Differential Equations and Applications, 2016, 23(3),31. 6. Almost power sum systems // Mathematics of Computation, 2016, 85(298), с. 717-736. 7. On stabilization problem for nonlinear systems with power principal part // Journal of Mathematical Physics, Analysis, Geometry, 2016, 12(2), с. 113-133 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), с. 513-538. 9. Construction of restricted controls for a non-equilibrium point in global sense // Vietnam Journal of Mathematics, 2015, 43(2), с. 459-469. 10. Robust feedback synthesis problem for systems with a single perturbation // Communications in Mathematical Analysis, 2014, 17(2), с. 217-230. 11. Robust stabilization of one class of nonlinear systems // Automation and Remote Control, 2014, 75(8), с. 1433-1444. 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), с. 795-80.		Differential Equations and Ap 5. Almost power sum sys 6. On stabilization prob Analysis, Geometry, 2016, 12 7. Construction of a Se Control // Journal of Dynamic 8. Construction of restric 2015, 43(2), с. 459-469. 9. Robust stabilization o 1444.
Матема-тики і інформа-тики	Кафедра фундамен-тальної математики	Гефтер Сергій Леонідович	11	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), с. 256-261. 2. Linear Operator-Differential Equation with Generalized Quasipolynomial on the Right-Hand Side // Journal of Mathematical Sciences, 2018, 231(3), с. 338-346. 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), с. 633-638. 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, с. 247-259. 5. Operator Bruwier Series and Initial Problem for a Linear Differential–Difference Equation in a Banach Space // Journal of Mathematical Sciences, 2017, 226(4), с. 335-343. 6. Fundamental Solution of an Implicit Linear Inhomogeneous First Order Differential Equation Over an Arbitrary Ring // Journal of Mathematical Sciences, 2016, 219(6), с. 922-935. 7. Fundamental solution of the simplest implicit linear differential equation in a vector space // Journal of Mathematical Sciences, 2015, 207(2), с. 166-175. 8. On some vector differential operators of infinite order // Operator Theory: Advances and Applications, 2014, 236, с. 193-203. 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), с. 541-545. 10. Vector differential–difference operators of infinite order in spaces of entire functions of exponential type // Journal of Mathematical Sciences, 2014, 196(4), с. 515-523. 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, с. 253-263.		
Матема-тики і інформа-тики	Кафедра прикладної математики	Несвіт Катерина Віталіївна	9	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), с. 142-155. 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), с. 443-449. 3. Mathematical and computational modeling of the diffraction problems by discrete singularities method // AIP Conference Proceedings, 2014, 1629, с. 102-109. 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, с. 2773-2777. 5. Discrete mathematical model of wave diffraction on pre-fractal impedance strips. TM mode case // AIP Conference Proceedings, 2013, 1561, с. 219-223.	6	1. Mathematical and com Conference Proceedings, 2014 2. Scattering and propaga European Conference on Ante 3. Discrete mathematical Conference Proceedings, 201 4. Scattering and diffract strips // European Microwave Microwave Conference, 0668 5. The diffraction proble

				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. 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. 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. 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.		mathematical model // 7th Eu 6. Hypersingular integral models // Proceedings of the I 6402775, c. 183-187.
Матема-тики і інформа-тики	Кафедра фундаментальної математики	Резуненко Олександр В'ячеслав-вович	9	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. 2. 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. 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. 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. 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. 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. 7. On time transformations for differential equations with state-dependent delay // Central European Journal of Mathematics, 2014, 12(2), c. 298-307. 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. 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.	10	1.Viral infection model v Continuous Dynamical Syste 2. Viral infection model Equadiff 2017 Conference. 3. Stability of a viral infe and Continuous Dynamical Sy 4. Parabolic partial differ manifold // Journal of Differe 5. Continuous solutions t and antibody immune respons 6. Dynamics of second o Methods and Applications, 20 7. Finite-dimensional glo Communications on Pure and 8. On time transformatio Mathematics, 2014, 12(2), c. 9. With discrete state-dep Systems- Series A, 2013, 33(2 10. A condition on delay Analysis and Applications, 20
Матема-тики і інформа-тики	Кафедра фундаментальної математики	Фаворов Сергій Юрійович	7	1. Fourier quasicrystals and Lagarias' conjecture // Proceedings of the American Mathematical Society, 2016, 144(8), c. 3527-3536. 2. Various definitions of spectrum of almost periodic functions // Ufa Mathematical Journal, 2015, 7(4), c. 58-70. 3. Blaschke-type conditions on unbounded domains, generalized convexity, and applications in perturbation theory // Revista Matematica Iberoamericana, 2015, 31(1), c. 1-32. 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. 5. Discrete unbounded sets in a finite dimensional space and beyond // Electronic Notes in Discrete Mathematics, 2013, 43, c. 389-395. 6. Bohr and besicovitch almost periodic discrete sets and quasicrystals // Proceedings of the American Mathematical Society, 2012, 140(5), c. 1761-1767. 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.	6	1. Fourier quasicrysta 144(8), c. 3527-3536. 2. Various definitions 3. Blaschke-type con theory // Revista Matematic 4. On analytic and su Mathematical Physics, Ana 5. Bohr and besicovit Mathematical Society, 2012 6. Blaschke-type con problems // Computational
Матема-тики і інформа-тики	Кафедра фундамен-тальної математики	Вишнякова Ганна Марківна	6	1. Linear finite difference operators preserving the Laguerre-Pólya class // Complex Variables and Elliptic Equations, 2018, 63(11), c. 1604-1619. 2. On the entire functions from the Laguerre-Pólya class having the decreasing second quotients of Taylor coefficients //	6	1. Linear finite difference 2018, 63(11), c. 1604-1619. 2. On the entire functions

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Матема-тики і інформа-тики	Кафедра прикладної математики	Ігнатович Світлана Юріївна	6	1. Linearizability of Multi-Control Systems of the Class C^1 by Additive Change of Controls // Operator Theory: Advances and Applications, 2018, 267, с. 359-370. 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, с. 163-168. 3. Linearizability of systems of the class C^1 with multi-dimensional control // Systems and Control Letters, 2016, 94, с. 92-96. 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), с. 62-77. 5. Free algebras and noncommutative power series in the analysis of nonlinear control systems: An application to approximation problems // Dissertationes Mathematicae, 2014, 504. 6. Conditions of linearizability for multi-control systems of the class C1 // Communications in Mathematical Analysis, 2014, 17(2), с. 359-365.		
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Матема-тики і інформа-тики	Кафедра фундаментальної математики	Гордевський В'ячеслав Дмитрович	5	1.The interaction of the Maxwell flows of general form for the Bryan-Pidduck model // Journal of Mathematical Physics, Analysis, Geometry, 2018, 14(1), с. 54-66. 2. Infinite-modal approximate solutions of the Bryan-Pidduck equation // Matematychni Studii, 2018, 49(1), с. 95-108. 3. Approximate Solutions of the Boltzmann Equation with Infinitely Many Modes // Ukrainian Mathematical Journal, 2017, 69(3), с. 361-375. 4. Interaction of locally Maxwellian flows in the model of rough spheres // Theoretical and Mathematical Physics, 2013, 176(2), с. 1100-1113. 5. Continuum analogue of bimodal distributions // Theoretical and Mathematical Physics, 2012, 171(3), с. 839-847.		
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Матема-тики і інформа-тики	Кафедра фундамен-тальної математики	Каролінський Євген Олексан-дрович	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), с. 743-749. 4. Equivariant quantization of Poisson homogeneous spaces and Kostant's problem // Journal of Algebra, 2014, 409, с. 362-381. 5. Quantized reduced fusion elements and Kostant's problem // Springer Proceedings in Mathematics and Statistics, 2014, 85, с. 27-36.		
Матема-тики і інформа-тики	Кафедра фундамен-тальної 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), с. 1315-1348. 2. On interaction of circular cylindrical shells with a poiseuille type flow // Evolution Equations and Control Theory, 2016, 5(4), с. 605-629. 3. Global attractor for thermoelasticity in shape memory alloys without viscosity // Mathematical Methods in the Applied Sciences, 2016, 39(13), с. 3669-3690. 4. Decay rates for Kirchhoff-timoshenko transmission problems // Communications on Pure and Applied Analysis, 2013, 12(6), с. 2645-2667. 5. On the long-time behavior of the thermoelastic plates with second sound // Journal of Mathematical Physics, Analysis, Geometry, 2013, 9(2), с. 191-206.	5	1. Long-time behaviour of a Systems- Series A., 2018, 38(3 2. On interaction of circular 2016, 5(4), с. 605-629. 3. Global attractor for therm Applied Sciences, 2016, 39(1 4. Decay rates for Kirchhoff 2013, 12(6), с. 2645-2667. 5. On the long-time behavio Analysis, Geometry, 2013, 9(
Медич-ний	Загальної практики – сімейної медицини	Ніколенко Євгеній Якович			7	1. Occupational health ar characteristics)/ News of scien 2. Modern Approaches o Science and Technologies/20 3. Аналіз визначення по захворювання/Materials of X 4. Фактори, які детермі Technologies/№ 1 (13), Janua 5. Use of atorvastatin in t P. 1497-1503. 6. Evaluation of gallblad Science in Sports and Exersis 7. State regulation of inv Williams and Wilkins Ltd./20
Медич-ний	Загальної практики – сімейної медицини	Вовк Кіра Віталіївна.			6	1. Аналіз визначення по захворювання/Materials of X 2. Фактори, які детермі Technologies/№ 1 (13), Janua 3. Use of atorvastatin in t P. 1497-1503. 4. Evaluation of gallblad Science in Sports and Exersise Li 5. State regulation of in

						Williams and Wilkins Ltd./20 6. Dynamic monitoring c British Medical Bulletin. – 20
Медич-ний	Загальної практики –сімейної медицини	Сокруто Оксана Володи-мирівна			5	1. State regulation of inv Williams and Wilkins Ltd./20 2. Evaluation of gallblad Science in Sports and Exersis 3. Use of atorvastatin in t P. 1497-1503. 4. Фактори, які детермі Technologies/№ 1 (13), Janua 5. Аналіз визначення по захворювання/Materials of X
Медич-ний	Загальної практики – сімейної медицини	Корж Олексій Микола-йович			5	1.Рациональная фармак расстройствами// Лікарська 2.Effects of the lercanidip hypertension: evidence from a 10.1097/HJH.0000000000000 3.The prevalence of com primary care patients: a protoc (2016) 26, 16069; doi:10.1038 4.Significance of educati practice. Fam Med Prim Care 5.Evolocumab and Clinic 1722; DOI: 10.1056/NEJMoa
Медич-ний	Загальної практики – сімейної медицини	В'язовська Ольга Василівна	6	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), c. 297-308. 2. The relation between cryoprotective and physico-chemical properties of oxyethylated methyl cellosolve-based media, 2013, Cryo-Letters, 34(5), c. 527-534. 3. Attentional tradeoffs in the pigeon 2014, Journal of the Experimental Analysis of Behavior, 101(3), c. 337-354. 4. Selective attention and pigeons' multiple necessary cues discrimination learning, 2015, Behavioural Processes, 112, c. 61-71. 5. Stagewise multidimensional visual discrimination by pigeons. 2016, Journal of the Experimental Analysis of Behavior, 106(1), c. 58-74. 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), c. 162-167.		
Медич-ний	Загальної та клінічної імунології та алергології	Попов Микола Микола-йович	6	1.Formation of neutrophil extracellular traps under the influence of monochromatic light-emitting diode // British Journal of Science, Education and Culture. 2014. №1 (5)p. 314-318. 2. Cytokine production peculiarities in different forms of Epstein-Barr virus infection// Georgian Medical News. 2017. P. 55-59. 3. Случай врожденного миелобластного лейкоза у ребенка раннего возраста // International Health. 2017. № 6 (2), Vol. 9. C. 1466-1475. 4. Hidrotic ectodermal dysphasia – clinical case // Medical Education. 2017. Issue 12 (2), Vol. 51. P. 1538-1542. 5. Цитокиновый профиль при хронической Эпштейна-Барр вирусной инфекции // The Journal of Medicine and Philosophy. 2017. № 6(2), Том 42. P. 1375-1382. 6. Therapeutic effectiveness of Abiflox in the complex therapy of patients with non-hospital pneumonia// The Journal of	1	Вплив поліморфізму ге Сорокіна, М. М. Попов, Т. І (61) . – С. 68-72.

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Медич-ний	Загальної та клінічної імунології та алергології	Лядова Тетяна Іванівна	5	1.Cytokine production peculiarities in different forms of Epstein-Barr virus infection// Georgian Medical News. 2017. P. 55-59. 2. Research of level specific autoantibodies in different forms of EBV-infection // Family Practice. 2017. № 6(2), Vol. 34. P. 1521-1531. 3. Цитокиновый профиль при хронической Эпштейна-Барр вирусной инфекции // The Journal of Medicine and Philosophy. 2017. № 6(2), Т. 42. P. 1375-1382. 4. Therapeutic effectiveness of Abiflox in the complex therapy of patients with non-hospital pneumonia // The Journal of Medicine and Philosophy. 2017. № 6(2), Т. 42. P. 1383-1391. 5. Polymorphism prevalence of TLR 9 type gene in patients with chronic forms of Epsteine-Barr virus-infection // Georgian medical news. №3(276). P. 112-116.	1	Вплив поліморфізму гена М. М. Попов, Т. І. Лядова // 72.
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Міжнародних економічних відносин та туристичного бізнесу	Міжнарод-ної електрон-ної комерції та готельно-ресторан-ної справи	Бабенко Віталіна Олексіївна	7	1. Babenko, V., Nazarenko, O., Nazarenko, I., Mandych, O. (2018). Aspects of program control over technological innovations with consideration of risks. Eastern-European Journal of Enterprise Technologies, Vol. 3/4 (93), pp. 6-14. DOI: 10.15587/1729-4061.2018.133603. 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. Eastern-European Journal of Enterprise Technologies, Vol. 1, No 3 (91), pp. 4-12. DOI: 10.15587/1729-4061.2018.123461. 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. Eastern-European Journal of Enterprise Technologies, Vol. 5, No. 4 (89), pp. 49-56. DOI: https://doi.org/10.15587/1729-4061.2017.112076. 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 Economic Annals-XXI, Vol. 165, Iss. 5-6, 90-96. DOI: 10.21003/ea.V165-19. 5. Babenko, V., Pasmor, M., Pankova, Ju., Sidorov, M. (2017). The place and perspectives of Ukraine in international integration space. Problems and Perspectives in Management, Vol. 15, Issue 1, pp. 80-92. DOI 10.21511/ppm.15(1).2017.08. 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. Economy of Region, Issue 1, pp. 196-202. DOI: 10.17059/2014-1-18. 7. Babenko, V.A. (2013). Formation of economic-mathematical model for process dynamics of innovative technologies management at agroindustrial enterprises. Actual Problems of Economics, Vol. 139, Issue 1, pp. 182-186.	2	1. Babenko, V. O. (20 Ukraine. Scientific Bulletin 2. Babenko, V. O., Pe Ukraine in conditions of wo DOI: 10.25140/2410-9576-

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедич-ної електро-ніки та комплексних інформаційних технологій	Тітар Володимир Петрович	6	1. Tishko, T.V., Tishko, D.N. & Titar, V.P. 2012, "Combining the polarization-contrast and interference-contrast methods for three-dimensional visualization of anisotropic microobjects", Journal of Optical Technology (A Translation of Opticheskii Zhurnal), vol. 79, no. 6, pp. 340-343. 2. Tishko, T.V., Tishko, D.N., Titar, V.P., Prikhodko, O.O. & Bumeister, V.I. 2013, "Application of the digital holographic interference and electron microscopy methods for study of rats' blood erythrocytes 3D morphology in the condition of hard metal salts effect", Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, , pp. 420-422. 3. Titar, V. & Shpachenko, O. 2012, "Reflection and refraction of laser radiation at interface between two uniaxial crystals", Optical Memory and Neural Networks (Information Optics), vol. 21, no. 3, pp. 177-185. 4. Titar, V.P. 2013, "Nonlinear holographic model of physiological optics", Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, , pp. 423-425. 5. Titar, V.P. & Ielchishcheva, V. 2016, "Application of lasers in ophthalmology", Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, pp. 115. 6. Titar, V.P., Lebed, E.N. & Naboka, A.M. 2016, "Perception of electromagnetic waves visible to the human eye", Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL, pp. 129. 7.	3	1. Titar, V. P.; Lobed', E THE HUMAN EYE // 2016 I AND LASERS (CAOL), 201 2. Titar, V. P.; Ielchishch INTERNATIONAL CONFE 116. 3. Tishko, T. V.; Tishko, for three-dimensional visualiz (6), pp.340-343.
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедич-ної електро-ніки та комплексних інформаційних технологій	Пшенична Світлана Вікторівна	15	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. 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. 3. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Penkin, Y.M. & Pshenichnaya, S.V. 2016, "Yagi-Uda antennas with impedance wires", International Conference on Mathematical Methods in Electromagnetic Theory, MMET, pp. 403. 4. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. & Pshenichnaya, S.V. 2013, "Electrodynamic characteristics of a three-element vibrator-slot structure in a rectangular waveguide", Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, pp. 45. 5. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V. & Pshenichnaya, S.V. 2012, "Multimode excitation of waveguide-slot leaky-wave radiator", CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 483. 6. Berdnik, S.L., Katrich, V.A., Penkin, Y.M., Nesterenko, M.V. & Pshenichnaya, S.V. 2013, "Energy characteristics of a slot cut in an impedance end-wall of a rectangular waveguide and radiating into the space over a perfectly conducting sphere", Progress In Electromagnetics Research M, vol. 34, pp. 89-97. 7. Berdnik, S.L., Penkin, Y.M., Katrich, V.A., Nesterenko, M.V. & Pshenichnaya, S.V. 2013, "Resonant slot spherical antenna", CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, pp. 610. 8. Dumin, O.M., Plakhtii, V.A., Volvach, I.S., Pshenichnaya, S.V. & Dumina, O.O. 2015, "Near field of Hertzian dipole excited by impulse current", 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of	7	1. Yeliseyeva, Nadezhda Resonant Impedance Monopo ULTRAWIDEBAND AND U 2. Yeliseyeva, N. P.; Gor Characteristics of Crossed Im CONFERENCE ON INFORM ELECTRONICS (UKRMICO 3. Penkin, Yu. M.; Katric Radial Dipole Located on a M CONFERENCE ON ANTEN 4. Penkin, Yu. M.; Berdn a T-Shaped Waveguide Juncti ULTRAWIDEBAND AND U 5. Berdnik, S. L.; Katrich Impedance Wires // 2016 IEE ELECTROMAGNETIC THE 6. Dumin, O. M.; Plakhti DIPOLE EXCITED BY IMPU AND TECHNIQUES (ICATT 7. Berdnik, S. L.; Katrich Impedance Monopoles // 2015 INVERSE PROBLEMS OF E

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедич-ної електро-ніки та комплексних інформаційних технологій	Ляховський Анатолій Федорович	8	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 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 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 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 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 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, Millimeter and Submillimeter Waves, MSMW 2013, 450-452. doi:10.1109/MSMW.2013.6622084 7. Yatsuk, L. P., Lyakhovsky, A. F., Katrich, V. A., & Lyakhovsky, A. A. (2016). Coupling of two rectangular waveguides through a diaphragm with a dielectric slab in the slot. Progress in Electromagnetics Research M, 49, 9-19. doi:10.2528/PIERM16042401 8. Yatsuk, L. P., Lyakhovsky, A. F., Katrich, V. A., & Lyakhovsky, A. A. (2016). Waveguide-slot coupling element partially filled with dielectric. Paper presented at the 9th International Kharkiv Symposium on Physics and Engineering of	8	1. Lyakhovsky, Anatoly; Electromagnetic Wave Scatte INTERNATIONAL CONFE (UWBUSIS), 2018, pp.226-22 2. Lyakhovsky, A. F.; Ya with Slot with Dielectric Slab TECHNIQUES (ICATT), 201 3. Yatsuk, Ludmila P.; L Rectangular Waveguides thro ELECTROMAGNETICS RE 4. Yatsuk, L. P.; Lyakho Filled with Dielectric // 2016 OF MICROWAVES, MILLI 5. Lyakhovsky, A. A.; Ly MODE IN A WAVEGUIDE CONFERENCE ON ANTEN 6. Yatsuk, L. P.; Blinova WAVEGUIDE-SLOT STRU ON ANTENNA THEORY A 7. Yatsuk, L. P.; Lyakho DIAPHRAGM IN A RECTA // 2013 INTERNATIONAL K MILLIMETER AND SUBMI 8. Yatsuk, L.; Kichigin, WITH LAYERED DIELECT ENGINEERING OF MICRO

				Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, doi:10.1109/MSMW.2016.7538049		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедич-ної електро-ніки та комплексних інформаційних технологій	Мустецов Микола Петрович	5	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. 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 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. doi:10.1109/UKRCON.2017.8100459	4	1. Shtoda, Dmytro; Anto Microwave Imaging to Study CONFERENCE ON ULTRA 2. Mustetsov, M. P.; Bah RADIOTEKHNIKA RADIO 3. Shtoda, Dmytro O.; A Diagnostic of Cancer // 2017 ENGINEERING (UKRCON) 4. Shtoda, D. A.; Antone INTERNATIONAL CONFE (UWBUSIS), 2016, pp.175-1
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедич-ної електро-ніки та комплексних інформаційних технологій	Антоненко Євгеній Олексан-дрович	9	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. 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 3. Antonenko, Y. A., Mustetsov, T. N., Hamdi, R. R., Małecka-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 4. Antonenko, Y. A., & Karpov, A. I. (2017). Small-size antenna array of cylindrical dielectric radiators. Paper presented at the 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings, 205-208. doi:10.1109/DIPED.2017.8100602 5. Antonenko, Y. A., Katrich, V. A., & Karpov, A. I. (2013). The microstrip resonator for measurement of dielectric constant. Paper presented at the Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 37-40. 6. Gorobets, N. N., Yeliseyeva, N. P., & Antonenko, Y. A. (2012). Optimisation of radiation characteristics of wire-screened antennas. Telecommunications and Radio Engineering (English Translation of Elektrosvyaz and Radiotekhnika), 71(1), 59-69. doi:10.1615/TelecomRadEng.v71.i1.60 7. 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 8. 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 9. 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	4	1. Antonenko, Yevhenii; for Implantable Biotelemetry ULTRASHORT IMPULSE S 2. Shtoda, Dmytro; Anto Microwave Imaging to Study CONFERENCE ON ULTRA 3. Kozheshkurt, Valentyn of Impedance Spectroscopy fo ULTRAWIDEBAND AND U 4. Shtoda, D. A.; Antone INTERNATIONAL CONFE (UWBUSIS), 2016, pp.175-1
Радіо-фізики, біомедичної електроніки	Фізичної і біомедич-ної електро-ніки та	Штода Дмитро Олексійович	5	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	5	1. Antonenko, Y Charger for Implantable Bio ULTRAWIDEBAND AND

та комп'ютерних систем	комплексних інформаційних технологій			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. doi:10.1109/UKRCON.2017.8100459		2. Shtoda, Dmytr Microwave Imaging to Stud CONFERENCE ON ULTR 268. 3. Kozheshkurt, Possibilities of Impedance S ON ULTRAWIDEBAND A 4. Shtoda, Dmytr Express Diagnostic of Canc ENGINEERING (UKRCON 5. Shtoda, D. A.; 2016 8TH INTERNATION (UWBUSIS), 2016, pp.175-
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедич-ної електро-ніки та комплексних інформаційних технологій	Приходько Кирило Геннадійович	6	1. Botsula, O.V., Pryhodko, K.H. & Zozulia, V.A. 2017, "Impact ionization in short Alzga1-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	1. Botsula, O. V. Resonant Tunneling Border ULTRASHORT IMPULSE 2. Botsula, O. V. 9TH INTERNATIONAL C (UWBUSIS), 2018, pp.336- 3. Prykhodko, K Applications // 2017 IEEE I ENGINEERING (YSF), 20 4. Botsula, O. V. Containing the Cathode Stat AND ULTRASHORT IMP
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізичної і біомедич-ної електро-ніки та комплексних інформаційних технологій	Кожешкурт Валентин Олексан-дрович	5	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	1. Kurselis, K.; Kozh generation of ferric nanoparti 2. Shtoda, Dmytro; A Microwave Imaging to Study CONFERENCE ON ULTRA 3. Kozheshkurt, Vale Possibilities of Impedance Sp ON ULTRAWIDEBAND AN 4. Kozheshkurt, V. A // 2016 8TH INTERNATION SIGNALS (UWBUSIS), 2016
Радіо-фізики, біомедичної електроніки	Фізичної і біомедич-ної електро-ніки та	Горобець Олексій Микола-йович	13	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	10	1. Gorobets, A. N.; G Disk Placing // 2018 9TH INT IMPULSE SIGNALS (UWBU

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Сенюта Владислав Станіслa-вович	12	1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854 2. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser // Telecommunications and Radio Engineering, 2017, 76(17), c. 1567-1579 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 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 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 6. Propagation and focusing of modes of dielectric resonators of terahertz range lasers // Telecommunications and Radio Engineering, 2015,74(7), c. 629-640 7. Generation of transverse modes with azimuthal polarization in a terahertz band waveguide laser // Telecommunications and Radio Engineering, 2014, 73(20), c. 1819-1830 8. The formation of azimuthally polarized transverse modes in quasi-optical waveguide terahertz resonators // Telecommunications and Radio Engineering, 2014, 73(14), c. 1229-1239	6	1. Mode selectiv Ukraine Conference on Elec 2. Generation of on Information and Telecom 3. Characteristic Proceedings of the Internatio 4. Propagation a International Conference Las 5. Spatial-energy laser //Proceedings Internatio Submillimeter Waves, MSM 6. Formation of resonators of terahertz range 2012, 6331253, c. 312-315

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Квантової радіофізики	Гурін Олег Валенти-нович	16	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 CO_2 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 CO_2 laser // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 2013, 6657564, c. 160-163 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	8	1. Focusing of International Conference on M 2. Mode selecti Ukraine Conference on Electr 3. Effect of low diabetes mellitus // Proceedin 7851407, c. 146-147 4. Characteristi Proceedings of the Internation 5. Propagation International Conference Lase 6. Spatial-energ laser // Proceedings Internatio Submillimeter Waves, MSMW 7. Waveguide C Electronics, 2013, 43(5), 8. c. 472-476 9. Formation o optical resonators of terahertz MMET 2012, 6331253, c. 312
Радіо-фізики, біомедичної	Квантової радіофізики	Рябих Валерій	7	1. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser // Telecommunications and Radio Engineering, 2018, 77(20), c. 1845-1854	4	1. Focusing of International Conference on M

електроніки та комп'ютерних систем		Микола-йович		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		2. Mode selec Ukraine Conference on Electr 3. Generation Conference on Information an 8095382 4. Characteris Proceedings of the Internation
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Молекуляр-ної і медичної біофізики	Горобченко Ольга Олексан-дрівна	6	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	1. Berest, V.P., Gorobch as a Tool to Monitor Drug Re Conference on Ultrawideband 2. Glibitskiy, D.M., Goro irradiation of bovine serum al Chemistry, 144, c. 231-237. 3.Glibitskiy, G., Glibitsk films with different concentra 4. Shatalova, T.A., Goro suspensions at 9.2 GHz, 2014 Telecommunication Technolo 5.Pakulova, O.K., Gorob Hofmeister's effect on the osn Materialwissenschaft und We 6. Rokhmistrov, D.V., N materials by means of electro
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Хардіков В'ячеслав Володи-мирович	17	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	15	1. All-Dielectric Resonar 1876 2. High-quality trapped n 3. Trapped Modes in a Si on Optics, Photonics and Lase 4. QD Layer Luminescen International Conference on M 5. Axial Toroidal Dipole Mathematical Methods in Ele 6. Recent development o Microwave Week 2017: "A P Microwave Conference, EuM 7. Resonant all-dielectric Engineering of Microwaves, M 8. Sub-THz all-dielectric Methods in Electromagnetic T 9. Electromagnetic wave 2015, Contemporary Optoelec 10. Planar all-silicon met

				Photonics, 2(2), pp. 172-177 12. The formation of azimuthallypolarized 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		11. Shaping photolumine Photonics, 2(2), pp. 172-177 12. Shaping emission spe Electro-Optics Europe - Techn 13. Nonlinear planar met 2013, EuMW 2013 - Conferen 540 14. A giant red shift and Optics, 14(3),035103 15. Formation of transver resonators of terahertz range, MMET, 6331253, pp. 312-31
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Батраков Дмитро Олегович	14	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, *Advanced Ultrawideband Radar: Signals, Targets, and Applications,* 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	1. Spectral Analysis of U - 2018 9th International Confe 105 2. UWB Signal Processin 2018 - 2018 9th International 140-143 3. Comparative Study of 2018, International Conferenc 221-225 4. Pavement deteriorations uzyskanych z badań metodą G 5. GPR application for th Sensing Symposium, Proceed 6. Remote sensing of pla on Antenna Theory and Techn 7. Inverse problems and Conference on Ultrawideband 8. UWB signal processin Workshop, RMSW 2016 – Pr 9. Measuring of thickness Symposium, 6869300 10. Diffraction of cylindr and Quantum Electronics, 56(
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Рибін Олег Микола-йович	19	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, 2018, Results in Physics 8, pp. 971-976 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	18	1. Far field focusing for a 976 2. Effective Microwave E Cylinders, 2018, UWBUSIS 2 Proceedings, 8520158, pp. 21 3. RLC-circuit effective r

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Бутрим Олександр Юрійович	18	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	10	1. Time Domain Modelli International Conference on U 2. Mode Expansion in Ti inhomogeneous smooth varyi Signals, UWBUSIS 2016, 772 3. Pulse surface wave in Kharkiv Symposium on Physi 7538198 4. Specific RCS for descr Electromagnetics Research M 5. Time domain analysis Antenna Theory and Techniqu 7136787 6. Evaluation of on-grou Methods in Electromagnetic T 7. Fast pulse guided wav

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Колчигін Микола Микола-йович	18	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 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 3. Decomposition method for determining the high reflected sections of a complex object surface, 2018, Telecommunications and Radio Engineering , 77(11), pp. 945-956 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 5. Simulation of measuring RCS of complex scatterers by the decomposition method, 2017, Telecommunications and Radio Engineering, 76(12), pp. 1111-1120 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 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 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 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 10. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200 11. Numerical simulation and experimental investigation of human cell irradiation by impulse electromagnetic field, 2015,	10	1. Methods of Active Pro Systems, 2018, UWBUSIS 20 Proceedings, 8520172, pp. 24 2. Changes in puffing pat exposure to microwave radiat 3. Decomposition metho Computer Engineering, UKR 4. Specific RCS for descr Electromagnetics Research M 5. Changes of chromatin and ionizing electromagnetic UWBUSIS 2016, 7724179, pp 6. Methods of assessing t detection systems, 2016, 8th I 2016, 7724176, pp. 156-159 7. Modification of cellula International Kharkiv Sympos MSMW 2016, 7538012 8. The matrix radiometric Kharkiv Symposium on Physi 7538063 9. Numerical simulation 2015, Proceedings of Internat Wave Theory, DIPED, 2015- 10. Multibeam antenna fo

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Легенький Максим Микола-йович	29	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 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 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 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 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 6. Selective properties of azimuthal-symmetric diffraction mirrors of terahertz laser, 2018, Telecommunications and Radio Engineering, 77(20), pp. 1845-1854 7. Decomposition method for determining the high reflected sections of a complex object surface, 2018, Telecommunications and Radio Engineering, 77(11), pp. 945-956 8. 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 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 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 11. Specific RCS for on-ground radiolocation target, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214 12. Analysis of axially symmetric diffraction grating, 2017, 2017 11th International Conference on Antenna Theory and Techniques, ICATT 2017 7972601, pp. 128-131 13. Simulation of measuring RCS of complex scatterers by the decomposition method, 2017, Telecommunications and Radio Engineering, 76(12), pp. 1111-1120	21	1. Calculation of Pulse Si 2018, UWBUSIS 2018 - 2018 Proceedings, 8520139, pp. 85 2. Electromagnetic Scatte 9th International Conference 3. Experimental Measuri UWBUSIS 2018 - 2018 9th In 8520217, pp. 181-184 4. Axially Symmetric Di Mathematical Methods in Ele 5. Facet Model Processin Mathematical Methods in Ele 6. Decomposition metho and Computer Engineering, U 7. Mode selective proper Conference on Electrical and 8. Specific RCS for on-g Sensing Symposium, Proceed 9. Analysis of axially sy and Techniques, ICATT 2017 7972601, pp. 128-131 10. Influence of backgro Conference on Ultrawideband 11. Characteristics of mo Proceedings of the Internation 12. BSP step for on-grou Methods in Electromagnetic T 13. Pulse surface wave in Kharkiv Symposium on Physi

				14. Generation of terahertz vector beam in the dielectric waveguide gas-discharge laser, 2017, Telecommunications and Radio Engineering, 76(17), pp. 1567-1579 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 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 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 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 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 20. Processing rcs distribution for complex shape objects, 2016, Telecommunications and Radio Engineering, 75(20), pp. 1825-1836 21. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200 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 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 24. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257 25. 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 26. 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 27. Excitation of fast pulse guided wave in receiving dielectric rod antenna, 2013, 2013 9th International Conference on Antenna Theory and Techniques, ICATT 2013, 6650806, pp. 444-446 28. 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 29. Properties of pulse surface waves in a dielectric waveguide, 2012, 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings, 6379814, pp. 309-311		7538198 14. BSP step for complex Physics and Engineering of M 15. Specific RCS for desc Electromagnetics Research M 16. Time domain analysis Antenna Theory and Techniqu 7136787 17. Physical features of m Telecommunications and Rad 18. Evaluation of on-grou Methods in Electromagnetic T 19. Fast pulse guided wa Physics and Engineering of M 20. About possibility to c International Kharkov Sympo MSMW 2013, 6622092, pp. 4 21. Moving frame BOR- waveguide, 2012, Internationa 172-175
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Антюфєєва Марія Станісла-вівна	17	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	14	1. Spectral Analysis of U - 2018 9th International Confe 105 2. UWB Signal Processir 2018 - 2018 9th International 140-143 3. Comparative Study of 2018, International Conferenc 221-225 4. Pavement deterioration uzyskanych z badań metodą G 5. Decomposition metho and Computer Engineering, U 6. GPR application for th Sensing Symposium, Proceed

				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, 7778545, pp. 36-39 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 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 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 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 15. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M 52, pp. 191-200 16. Evaluation of on-ground object radar detectability reduction, 2014, International Conference on Mathematical Methods in Electromagnetic Theory, MMET, 6928746, pp. 254-257 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		7. Remote sensing of pla on Antenna Theory and Techr 8. UWB signal processin Workshop, RMSW 2016 – Pr 9. Influence of backgrou Conference on Ultrawideband 10. Inverse problems and Conference on Ultrawideband 11. BSP step for on-grou Methods in Electromagnetic T 12. BSP step for complex Physics and Engineering of M 13. Specific RCS for des Electromagnetics Research M 52, pp. 191-200 14. Evaluation of on-grou Methods in Electromagnetic T
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Шульга Сергій Микола-йович	14	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 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 3. Magnetically tuned two-component microwave metamaterial, 2017, Progress In Electromagnetics Research M, 56, pp. 63-70 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 5. Study of plasma frequency for Al-In alloys with different concentrations, 2017, Ukrainian Journal of Physical Optics, 18(4), pp. 225-231 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 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 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 9. Feedback magnetization of ultra-low index irradiative structure, 2015, Modern Physics Letters B, 29(29),1550179 10. 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 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 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 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 14. The spectral analysis of a cylindrical - Radial waveguide junction with laminated dielectric filling, 2012,	8	1. RLC-circuit effective r Ukraine Conference on Electr 2. Advanced microwave antenna substrate application, 3. Magnetically tuned tw pp. 63-70 4. Utilization of double m antennas, 2016, Journal of Co 5. Theorem of two-layer Symposium on Physics and E 6. Profile miniaturization substrates, 2016, International 7. Feedback magnetizatio 8. Substrate application o Techniques: Dedicated to 95 Y

				Telecommunications and Radio Engineering, 71(1), pp. 23-29		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Биков Віктор Микола-йович	7	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 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 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 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 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 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 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	5	1. Methods of Active Pro Systems, 2018, UWBUSIS 20 Proceedings, 8520172, pp. 24 2. Comparison of the Eff Navigation Systems, 2018, In July,8460319, pp. 282-285 3. Methods of assessing t detection systems, 2016, 2016 2016, 7724176, pp. 156-159 4. The matrix radiometric Kharkiv Symposium on Physi 7538063 5. Multibeam antenna for Theory and Techniques: Dedi
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Теоретич-ної радіо-фізики	Масловський Олександр Андрійович	9	1. 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 2. 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 3. Specific RCS for on-ground radiolocation target, 2017, MRRS 2017 - 2017 IEEE Microwaves, Radar and Remote Sensing Symposium, Proceedings, 8075065, pp. 211-214 4. Simulation of measuring RCS of complex scatterers by the decomposition method, 2017, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 76(12), pp. 1111-1120 5. 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 6. 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 7. 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 8. Processing rcs distribution for complex shape objects, 2016, Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika), 75(20), pp. 1825-1836 9. Specific RCS for describing the scattering characteristic of complex shape objects, 2016, Progress In Electromagnetics Research M, 52, pp. 191-200	8	1. Experimental Measuri UWBUSIS 2018 - 2018 9th I 8520217, pp. 181-184 2. Decomposition metho and Computer Engineering, U 3. Specific RCS for on-g Sensing Symposium, Proceed 4. Simulation of measuri Radio Engineering (English tr 5. Influence of backgrou Conference on Ultrawideband 6. BSP step for on-groun Methods in Electromagnetic T 7. BSP step for complex Physics and Engineering of M 8. Specific RCS for descr Electromagnetics Research M
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізики НВЧ	Погарський Сергій Олексан-дрович	10	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 Equationsб **FrequenzVolume 72, Issue 5-6, 25 April 2018, Pages 277-284** 3. Method of singular integral equations in diffraction by semiinfinite grating: E-polarization caseб **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 gratingб **IEEE Transactions on Antennas and PropagationVolume 61, Issue 12, December 2013, Номер статьи 6595561, Pages 6120-6127**	8	1. Singular integ **Applied Physics**, Volume 8 2. Modeling of **FrequenzVolume 72, Issue** 3. Method of sin **Journal of Electrical Engin** 4. Wave diffract **PropagationVolume 61, Iss**

				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** 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** **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** **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** **9.** Modeling of Wave Scattering by Graphene Strip Gratings Using Integral Equations Combined with Operator Method. **International Conference on 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**		5. Operator met planes, **Telecommunication** 6. A leaky-wave **Engineering , Volume 77, I** **7.** Influence of e **Telecommunications and R** **Issue 17, 2018, Pages 1485-** **8.** Diffraction by **International Conference o** **Proceedings , P. 94-979**
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізики НВЧ	Каліберда Мстислав Євгенович	5	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 Equationsб **FrequenzVolume 72, Issue 5-6, 25 April 2018, Pages 277-284** 3. Method of singular integral equations in diffraction by semiinfinite grating: E-polarization caseб **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 gratingб **IEEE Transactions on Antennas and Propagation, Volume 61, Issue 12, December 2013, Номер статьи 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	1. Singular integral e **Applied Physics**, Volume 8 2. Modeling of Graph **FrequenzVolume 72, Issue** **3.** Wave diffraction b **Propagation, Volume 61, Is**
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Фізики НВЧ	Майборода Дмитро Володи-мирович	5	**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	1. Impact of the design **and Radio Engineering, Vo** 2. Optimization of the **Telecommunications and R** **Issue 9, 2016, Pages 763-76** 3. Microstrip disk ante **74, Issue 20, 2015, Pages 17**
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Горобець Микола Микола-йович	38	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 near aperture antennas of large electrical sizes. Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika). 2016. 75(12), c. 1041-1050 5. Gorobets, N.N.,Ovsyannikova, E.E. Wave processes in the near-field zone of weakly directive aperture radiators of	25	1. The radiation chara P. JOURNAL OF COMMU 2. Electrodynamic ch P. JOURNAL OF COMMU 3. Characteristics of N. N.; Lyashchenko, V. A. 2 TECHNIQUES (ICATT) 20 4. ANALISYS OF C N. N.; Kiyko, V. I.; Gorobets ENGINEERING OF MICR 5. Broadband Antenn

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Кийко Віктор Іванович	13	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. 2. S. L. Berdnik, Y. M. Penkin, V. A. Katrich, M. V. Nesterenko, V. I. Kijko, "Electromagnetic Waves Radiation into the Space Over a Sphere by a Slot in the End-Wall of a Semi-Infinite Rectangular Waveguide," Progress In Electromagnetics Research B, Vol. 46, 139-158, 2013. 3. D. Y. Penkin, S. L. Berdnik, V. A. Katrich, M. V. Nesterenko, and V. I. Kijko, "Electromagnetic Fields Excitation by a Multielement Vibrator-Slot Structures in Coupled Electrodynamics Volumes," Progress In Electromagnetics Research B, Vol. 49, 235-252, 2013 4. M. V. Nesterenko, V. A. Katrich, Y. M. Penkin, S. L. Berdnik, V. I. Kijko, "Combined Vibrator-Slot Structures in Electrodynamic Volumes," Progress In Electromagnetics Research B, Vol. 37, 237-256, 2012 5. M. V. Nesterenko, V. A. Katrich, D. Y. Penkin, S. L. Berdnik, V. I. Kijko, "Electromagnetic Waves Scattering and Radiation by Vibrator-Slot Structure in a Rectangular Waveguide," Progress In Electromagnetics Research M, Vol. 24, 69-84, 2012 6. 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 / UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings, 8520185, c. 194-197 7. Berdnik, S.L., Katrich, V.A., Kiyko, V.I., Nesterenko, M.V., Penkin, Yu.M. T-junction of rectangular waveguides with monopole-slot coupling structure and elements coated by a metamaterial / 2017 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 – Proceedings, 8100577, c. 123-127 8. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Directivity characteristics research of scanning and multibeam reflector antennas by the current method of physical diffraction theory / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7538064 9. Kokodii, N.G., Kaydash, M.V., Timaniuk, V.A., Gorobets, N.N., Kiyko, V.I. Absorption of microwave radiation in a thin conducting fibers and protective screens creation / 9th International Kharkiv Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2016, 7537990 10. Penkin, D.Yu., Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kijko, V.I. Electromagnetic fields excitation by multi-element vibrator-slot structure in rectangular waveguide / CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings, 6653024, c. 708-709 11. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Analisys of cross-polarized radiation of optimized reflector antennas / International Kharkov Symposium on Physics and Engineering of Microwaves, Millimeter and Submillimeter Waves, MSMW 2013, 6622087, c. 458-460 12. Gorobets, N.N., Kiyko, V.I., Gorobets, V.N. Dependence of the lateral and cross-polarized radiation reflector antennas on their size and focal length / International Conference on Antenna Theory and Techniques, ICATT 2013, 6650803, c. 434-437 13. Berdnik, S.L., Katrich, V.A., Nesterenko, M.V., Kiyko, V.I. System of impedance vibrators in free space / Proceedings of International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED, 6344097, c. 53-56	4	1. Gorobets, N. N.; K antennas /2013 international k submillimeter waves (MSMW 2. Berdnik, S. L.; Kat Waveguides with Monopole-S international seminar/worksho 2017,c.123-127 3. Gorobets, N. N.; K Multibeam Reflector Antenna symposium on physics and en 4. Kokodii, N. G.; Ka Microwave Radiation in a Thi symposium on physics and en
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Блинова Наталія Костянти-нівна	18	1. 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 /UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings8520185, c. 194-197. 6. 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 22nd International Seminar/Workshop on Direct and Inverse Problems of Electromagnetic and Acoustic Wave Theory, DIPED 2017 - Proceedings8100601, c. 201-204. 3. Penkin, Y.M., Katrich, V.A., Nesterenko, M.V., Berdnik, S.L., Blinova, N.K. Radiation field of a dipole placed at impedance sphere./ 2017 IEEE 1st Ukraine Conference on Electrical and Computer Engineering, UKRCON 2017 - Proceedings8100528, c. 29-32. 4. Blinova, N.K., Yatsuk, L.P., Selutin, A.V. Microwave irradiator in the form of a piece of rectangular waveguide with	11	6. The olfactory syst S. A. JOURNAL OF EVOLU 7. Directional Charac M. V.; Katrich, V. A.; Yatsu CONFERENCE ON MATHE 8. Array of the Two Blinova, N. K.; Penkin, Yu TECHNIQUES (ICATT) 201 9. Microwave Irradia Slot Blinova, N. K.; Yatsuk

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Радіо-фізики, біомедичної електроніки та комп'ютерних	Прикладної електродинаміки	Селютин Андрій Вікторович	7	1. 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 /UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520185, c. 194-197. 2. 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 11th International Conference on Antenna Theory and Techniques, ICATT	3	1. Blinova, N. I Waveguide with Dielectric techniques (ICATT) 2017 c. 2 2. Blinova, N. Model of Coupling the Wave

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Думін Олександр Микола-йович	25	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 Conference on Electrical and Computer Engineering (UKRCON), May 29-June 2, 2017, Kyiv, Ukraine.- P. 261-265. 9. Dumin O., Khmara S., Shyrokorad D. Artificial Neural Networks in Time Domain Electromagnetics // Proc. 11th International Conference on Antenna Theory and Techniques (ICATT-2017), 24-27 May, 2017, Kyiv, Ukraine.- P. 118-121. 10. Ogurtsova T., Kholod P., Klochko G., Pochanin G., Berdnik S., Dumin O. Frequency Domain Measurement of Permeability of M400HH Ferrite Rods in the VHF Range // Proc. 11th International Conference on Antenna Theory and Techniques (ICATT-2017), 24-27 May, 2017, Kyiv, Ukraine.- P. 399-401. 11. 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. 12. Dumin O.M., Akhmedov R.D., Katrich V.A., and Dumina O.O. Propagation of transient field radiated from plane disk	13	1. Radiatio Dumina, O. O.; Volvach, ULTRASHORT IMPULSE 2. Evolutio Nonlinear Medium Dumin, INTERNATIONAL CONF (MMET) 2014 57 60 3. Transie Prishchenko, O. A. 2017 ENGINEERING (UKRCON 4. Near Ra A. 2017 IEEE INTERNATI (YSF) 2017 251 254 5. PROPA MEDIUM Dumin, O. M.; CONFERENCE ON ULTRA 6. Field R A.; Dumina, O. O. 2016 9TI MICROWAVES, MILLIME 7. Energy Katrich, V. A.; Dumina, O. METHODS IN ELECTROM 8. TRANS M.; Akhmedov, R. D.; Dur COMMUNICATIONS (UK 9. CALCU IRRADIATION BY IMPUI Katrich, V. A. 2015 INTER 2015 10. TRANS MEDIUM IN TIME DOM INTERNATIONAL CONFE

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Радіо-фізики, біомедичної електроніки та комп'ютерних	Прикладної електродинаміки	Плахтій Вадим Анато-лійович	8	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. 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	7	1. Dumin, O. M Impulse Current Radiators (UWBUSIS) 2016 c.81-84 2. Plakhtii, V. A Dipoles 2017 IEEE first ukrai

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Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Ахмедов Ролан Джавадович	7	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. Akhmedov R., Dumin O., Katrich V. Impulse radiation of antenna with circular aperture // Telecommunications and radio engineering. – 2018. – V.77 (20). – P.1767–1784. 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. 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. 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. 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. 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.	4	1. Dumin, O. M.; Kat the Problems of Transient E mathematical methods in ele 2. Dumin, O. M.; Ak plane disk in nonlinear me (UWBUSIS) 2016 c.77-80 3. Dumin, O. M.; Ak / 2016 international conferen 4. Dumin, O. M.; T propagation through nonline (ICATT) 2015
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Булгакова Ганна Олексіївна	6	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 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., Lyaschenko, V.A. Directivity of large antenna arrays / 9th	2	1. Bulgakova, A. A.; Placed Parallel to Flat Screen 250-253 2. Bulgakova, A. A.; 2016 9th international kharkiv waves (MSMW) 2016

				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		
Радіо-фізики, біомедичної електроніки та комп'ютерних систем	Прикладної електродинаміки	Медвєдєв Микола Володи-мирович	9	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. 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 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	5	1. Lyashchenko, V. A.; M Coaxial Line Shield / 2017 XI 2. Katrich, V. A.; Lyashc Radiators / 2016 international 3. Katrich, V. A.; Lyashc in Coaxial Line Shield / 2017 and acoustic wave theory (DI 4. Katrich, V. A.; Lyashc Slot Antenna / 2016 8th intern 221-224 5. Katrich, V. A.; Lyashc coaxial line with controlled te
РАЗОМ		**245**				
Соціо-логічний	Кафедра соціології	Філіппова Ольга Аркадіївна	5	1. Filippova O., **Anti-orange discourses in Ukraine's internet: Before the orange split.** *Journal of Communist Studies and Transition Politics* - 2007 – Vol.23(1) – pp.138-151 2. Kazmina, O., Filippova, O.Re-imagination of religion in Post-Soviet Society: Challenges and responses (Russian and Ukrainian case studies). *Journal of the American Academy of Religion* – 2005 – Vol.73 – No4 – pp. 1049-1071 3. Taras R., Filippova O., Pobeda N. Ukraine's Transnationals, Far-away Locals, and Xenophobes: The Prospect for Europeaness. *Europe-Asia Studies* – 2004 - Vol.56, No. 6 – pp. 835-856 4. Owczarzak, J., Phillips S., **Filippova O.,** Alpatova P., Mazhnaya A., Zub T., Aleksanyan R. A "Common Factors" Approach to Developing Culturally Tailored HIV Prevention Interventions. *Health Education & Behavior, 2016 - Vol 43, Issue 3, 2015*- pp. 347-357. 5. **Owczarzak, J**., Phillips S., **Filippova O.,** Alpatova P., Mazhnaya A., Zub T., Aleksanyan R**.**A novel, bottom-up approach to promote evidence-based HIV prevention for people who inject drugs in Ukraine: protocol for the MICT ('Bridge') HIV prevention exchange project. *Implementation Science* - 2014, pp. 9:18.		

Соціо-логічний	Кафедра методів соціоло-гічних досліджень	Кізілова Ксенія Олексан-дрівна	8	1. Haerpfer C., Kizilova K. Chapter 7. Support for Political System in Post-communist Europe and Post-Soviet Eurasia// The Civic Culture Transformed / Editorial Board: Russell J. Dalton, Christian Welzel - Cambridge University Press, 2014. – pp. 158-190; 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. Global Public Health, 2014. http://dx.doi.org/10.1080/17441692.2014.979856 3. Kühlbrandt 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. Health Policy. 2014 Nov; 118(2):193-200. doi: 10.1016/j.healthpol.2014.08.009. Epub 2014 Aug 30. 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. Drugs and alcohol dependence, 2015: doi:10.1016/j.drugalcdep.2015.02.017 5. Roberts, B., Gilmore, A., Stickley, A., Kizilova, K., Prohoda, V., Rotman, D., Haerpfer, C. & McKee, M. (in press). 'Prevalence and Psychosocial Determinants of Nicotine Dependence in Nine Countries of the Former Soviet Union'. *Nicotine & Tobacco Research*. Oxford University Press, Oxford, UK, 2012; http://ntr.oxfordjournals.org/ 6. Roberts, B., Stickley, A., Murphy, A., Kizilova, K., Bryden, A., Rotman, D., Haerpfer, C. & McKee, M. (2012). 'Patterns of Public Support for Price Increases on Alcohol in the Former Soviet Union'. *Alcohol and Alcoholism*, vol 47, no. 4, pp. 473-478; Oxford University Press, Oxford, UK, 2012; http://alcalc.oxfordjournals.org/ 7. Footman K, Roberts B, Stickley A, Kizilova K, Rotman D, McKee, M. 'Smoking cessation and desire to stop smoking in nine countries of the former Soviet Union'. *Nicotine & Tobacco Research.* 2013 Sep;15(9):1628-33 8. Roberts B, Stickley A, Gilmore A, Danishevski K, Kizilova K, Rotman D, Haerpfer C, McKee M. Knowledge of the health impacts of smoking and public attitudes towards tobacco control in the former Soviet Union. In Press. Tobacco Control journal. BMJ; London, UK. http://tobaccocontrol.bmj.com		
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Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Нємченко Костянтин Едуардович	15	1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid ^{3}He-^{4}He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Fizika Nizkikh Temperatur 2. Comparative Analysis of Tomosynthesis-Based Mammography and Conventional Mammography Morgun, O.N., Nemchenko, K.E. 2018 Biomedical Engineering 3. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid ^{3}He-^{4}He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Low Temperature Physics 4. Heat Transfer in ^{3}He – ^{4}He Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 Journal of Low Temperature Physics 5. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid ^{3}He-^{4}He solutions Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y. 2016 Low Temperature Physics 6. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid ^{3}He-^{4}He mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur 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 8. Quantitative ratio of heat flows due to second sound to dissipation in superfluid ^{3}He-^{4}He mixtures Nemchenko, K., Rogova, S. 2014 Journal of Low Temperature Physics 9. Diffusion and thermal diffusion influence on temperature relaxation in superfluid ^{3}He-^{4}He mixtures Nemchenko, K., Rogova, S. 2013 Journal of Low Temperature Physics 10. Resonances in systems with two different types of heat transfer Nemchenko, K., Rogova, S. 2012 Modern Physics Letters B 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 12. Unusual resonances in superfluid ^{4}He - metal double-layer system Nemchenko, K.E., Rogova, S.Y. 2012 Problems of Atomic Science and Technology 13. Phonons, rotons and ripplons at interfaces Tanatarov, I.V., Adamenko, I.N., Nemchenko, K.E., Wyatt, A.F.G. 2012 Problems of Atomic Science and Technology 14. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Low Temperature Physics 15. Standing second sound wave in many-layer systems Nemchenko, K., Rogova, S. 2012 Fizika Nizkikh Temperatur	11	1. Dedicated to E.Ya. K. E.; Sokolov, S. S. LOW TE 2. Excitation of concen By: Vikhtinskaya, T. G.; Nem Pages: 1066-1069 Published 3. Heat Transfer in - M JOURNAL OF LOW TEMPE 4. The influence of Ka He-4 solutions By: Vihtinskay 42 Issue: 8 Pages: 717-720 5. Quantitative Ratio o Nemchenko, K.; Rogova, S. J Published: APR 2014 6. Diffusion and Therm Nemchenko, K.; Rogova, S. J 193 Published: MAY 2013 7. RESONANCES IN K.; Rogova, S. MODERN PH 10 2012 8. ECHO EFFECTS O MANIFESTATION OF THE Konstantin E.; et al. MODER JUN 20 2012 9. PHONONS, ROTO Nemchenko, K. E.; et al. Con (QEDSP) Location: Kharkov PROBLEMS OF ATOMIC S 10. UNUSUAL RESON K. E.; Rogova, S. Yu. Confer

						(QEDSP) Location: Kharkov PROBLEMS OF ATOMIC S 11. Standing second sou PHYSICS Volume: 38 Issu
Фізико-енергетичний	Інформаційних технологій в фізико-енергетичних системах	Сухов Руслан Володи-мирович	8	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 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 3. The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system Kryshtal, A.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, A.A. 2014 Applied Physics A: Materials Science and Processing 4. Size dependence of the activation energy of diffusion in multilayer Cu-Ni films Minenkov, A.A., Bogatyrenko, S.I., Sukhov, R.V., Kryshtal, A.P. 2014 Physics of the Solid State 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 6. In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system Kryshtal, O.P., Bogatyrenko, S.I., Sukhov, R.V., Minenkov, O.O., Taliashvili, A.I. 2014 Metallofizika i Noveishie Tekhnologii 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 8. Critical thickness of contact melting in the Au/Ge layered film system Kryshtal, A.P., Sukhov, R.V., Minenkov, A.A. 2012 Journal of Alloys and Compounds	8	1. Crystallization of the Petrushenko, S., I; Sukhov, V Published: 2018 2. PARTIAL MELTINC STRUCTURES DURING SU Bryukhovetsky, V. V.; et al. P Published: 2016 3. The kinetics of the fo Bogatyrenko, S. I.; Sukhov, R 116 Issue: 4 Pages: 1891-18 4. Size dependence of th Bogatyrenko, S. I.; Sukhov, R Published: APR 2014 5. INFLUENCE OF MA CARRIED OUT DURING SU E.; Poyda, A. V.; et al. PROB Published: 2014 6. Structural changes du By: Poida, V. P.; Pedun, D. E Volume: 114 Issue: 9 Pages 7. PARTIAL MELTINC AMg2M By: Pedun, D. E.; Po TECHNOLOGY Issue: 5 P 8. Critical thickness of c Minenkov, A. A. JOURNAL JAN 25 2012
Фізико-енергетичний	Інформаційних технологій в фізико-енергетич-них системах	Рогова Ссвітлана Юріївна	11	1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid ^{3}He-^{4}He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Fizika Nizkikh Temperatur 2. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid ^{3}He-^{4}He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Low Temperature Physics 3. Heat Transfer in ^{3}He – ^{4}He Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 Journal of Low Temperature Physics 4. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid ^{3}He-^{4}He solutions Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y. 2016 Low Temperature Physics 5. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid ^{3}He-^{4}He mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur 6. Quantitative ratio of heat flows due to second sound to dissipation in superfluid ^{3}He-^{4}He mixtures Nemchenko, K., Rogova, S. 2014 Journal of Low Temperature Physics 7. Diffusion and thermal diffusion influence on temperature relaxation in superfluid ^{3}He-^{4}He mixtures Nemchenko, K., Rogova, S. 2013 Journal of Low Temperature Physics 8. Resonances in systems with two different types of heat transfer Nemchenko, K., Rogova, S. 2012 Modern Physics Letters B 9. Unusual resonances in superfluid ^{4}He - metal double-layer system Nemchenko, K.E., Rogova, S.Y. 2012 Problems of Atomic Science and Technology	8	1. Excitation of concent By: Vikhtinskaya, T. G.; Nem Pages: 1066-1069 Published 2. Heat Transfer in - Mi JOURNAL OF LOW TEMPE 3. The influence of Kap He-4 solutions By: Vihtinskay 42 Issue: 8 Pages: 717-720 4. Quantitative Ratio of Nemchenko, K.; Rogova, S. J Published: APR 2014 5. Diffusion and Therm Nemchenko, K.; Rogova, S. J 193 Published: MAY 2013 6. RESONANCES IN S Rogova, S. MODERN PHYS 2012 7. UNUSUAL RESON

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Фізико-енергетичний	Інформаційних технологій в фізико-енергетич-них системах	Віхтинська Тетяна Геннадіївна	5	1. Generation of concentration and temperature oscillations by vibrating bodies in superfluid ^{3}He-^{4}He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Fizika Nizkikh Temperatur 2. Excitation of concentration and temperature fluctuations by vibrating bodies in superfluid ^{3}He-^{4}He solution Vikhtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2018 Low Temperature Physics 3. Heat Transfer in ^{3}He – ^{4}He Mixtures in Cylindrical Geometry Nemchenko, K., Rogova, S., Vikhtinskaya, T. 2017 Journal of Low Temperature Physics 4. The influence of Kapitza resistance on the establishment of stationary non-equilibrium states in superfluid ^{3}He-^{4}He solutions Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Y. 2016 Low Temperature Physics 5. Influence of Kapitza resistance on the stationary nonequilibrium states establishment in superfluid ^{3}He-^{4}He mixtures Vihtinskaya, T.G., Nemchenko, K.E., Rogova, S.Yu. 2016 Fizika Nizkikh Temperatur	3	1. Excitation of concent Vikhtinskaya, T. G.; Nemch Pages: 1066-1069 Publishe 2. Heat Transfer in - Mi JOURNAL OF LOW TEMP 3. The influence of Ka He-4 solutions By: Vihtinska 42 Issue: 8 Pages: 717-72
Фізико-енергетичний	Фізики нетрадиційних енерготех-нологій та екології	Марущенко Ігор Микола-йович	6	1. Relativistic neoclassical transport coefficients with momentum correction Marushchenko, I., Azarenkov, N.A. 2017 Problems of Atomic Science and Technology 2. Relativistic effects in electron neoclassical transport Marushchenko, I., Azarenkov, N.A. 2015 Problems of Atomic Science and Technology 3. Relativistic mono-energetic transport coefficients in hot plasmas Marushchenko, I.N., Azarenkov, N.A. 2013 Problems of Atomic Science and Technology 4. Relativistic neoclassical radial fluxes in the 1/ν regime Marushchenko, I., Azarenkov, N.A., Marushchenko, N.B. 2013 Plasma Physics and Controlled Fusion 5. Marushchenko, I.N., Azarenkov, N.A., Marushchenko, N.B. Relativistic neoclassical fluxes in hot plasmas 2013 Problems of Atomic Science and Technology 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	6	1. RELATIVISTIC NEO Marushchenko, I.; Azarenko 92-95 Published: 2017 2. RELATIVISTIC EFF Azarenkov, N. A. PROBLEM 2015 3. Relativistic neoclassic N. B. PLASMA PHYSICS A Published: AUG 2013 4. RELATIVISTIC MO Marushchenko, I. N.; Azaren 112-114 Published: 2013 5. RELATIVISTIC NEO Marushchenko, N. B. PROB 2013 6. On stability of collisic Azarenkov, N. A.; Marushch Published: NOV 2012
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Азарєнков Микола Олексійович	74	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 YBa2Cu3O7−δ single crystals, **2018**, Low Temperature Physics,44,8,860. 3. Effect of electron irradiation on the scattering of carriers in YBa2Cu3O7-δ single crystalls, **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.	76	1. A Cm-Scale Self-Powe Gate Cmos,2018 Ieee I 2. Electrodes Dimensions And Technology**, 2018** 3. Electron Energy Prob **2018,**25,1,13703 4. Self-Sustained Plasma **2018,**46,10,3541,3546, 5. Effect Of Electron I Temperature Physics**, 2** 6. Cyclotron Resonance **2018,**6,94,97, 7. Modelling Of The El

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Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Грицина Василь Тимофійович	12	1. On the possibility of using magnesium oxide for selective detection of fast neutrons**, 2018,** Radiation Effects and Defects in Solids,173,03.апр,223 2. Growth and characterization of titanium doped spinel crystals**, 2018,** Acta Physica Polonica A,133,4,774 3. Spectroscopic studies of defects in gamma- and neutron-irradiated magnesium aluminates spinel ceramics**, 2017,** Problems of Atomic Science and Technology,111,5,8 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. 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. Ion-photon emission under ion bombardment of garnet structures of different composition**, 2014,** Vacuum,105,91 7. Infrared spectroscopy studies of magnesium aluminates spinel crystals**, 2013,** Solid State Phenomena,200,209 8. Radio-luminescence of defects and impurity ions in magnesium aluminates spinel crystals**, 2013,** Solid State Phenomena,200,203 9. Infrared spectroscopy studies of magnesium aluminates spinel crystals**, 2012,** "International Conference on Oxide Materials for Electronic Engineering, OMEE 2012",6464808,155 10. Radio-luminescence of defects and impurity ions in magnesium aluminates spinel**, 2012,** "International Conference on Oxide Materials for Electronic Engineering, OMEE 2012",6464809,153 11. Determination of chemical composition of implanted nanolayers by analysis of their optical properties**, 2012,** Functional Materials,19,2,251 12. Characteristic features of ion-photon emission from yttrium-iron garnets**, 2012,** Vacuum,86,10,1624	8	1. Growth And Characteriza A.; Lytvynov, L. A.",Act 2. On The Possibility Of U Gritsyna, V. T.; Abramis Effects And Defects In So 3. Spectroscopic Studies Ceramics,"Kazarinov, Yu Dekanozishvili, G.; Kalab 4. Influence Of Type Of Bo Ion Bombardment,"Bobk Surface Investigation, **20** 5. Ion-Photon Emission Un Afanas'eva, I. A.; Bobkov I.",Vacuum, **2014**, 105,Si 6. Radio-Luminescence Of Kazarinov, Yurij; Mosk Electronic Engineering - 7. Infrared Spectroscopy St Oksana L.; Gritsyna, Va Engineering - Fabrication 8. Characteristic Features Gritsyna, V. V.; Gritsyna
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Лісовський Валерій Олексан-дрович	32	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 16. Burning modes of dc low pressure discharge with a transverse constriction**, 2015,** Problems of Atomic Science and Technology,98,4,206	33	1. Investigation Of Dc G And Technology**, 2018** 2. Structure And Modes Science And Technolog 3. Cathode Design Effect Of Atomic Science An 4. Electric Field Non-Un **2017,**145,19, 5. Influence Of The Inte Thickness),Physics Of 6. Child-Langmuir Law Technology**, 2017,**1,14 7. Positive Column Contr **2017,**1,144, 8. Current Gain Of A Puls 9. Current Gain In Unipo **2017,**4,4,71, 10. Child-Langmuir Law Scripta**, 2016,**91,8,856 11. "Normal Mode Of D Technology**, 2016,**6,22 12. Forming A Unipolar Pu 13. Reduced Electric Field 14. Calculating Reduced E Science And Technolog 15. Dc Breakdown In Low-

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Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Денисенко Ігор Борисович	15	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 dust charge in the temporal afterglow of a plasma"**, 2016,** Physics of Plasmas,23,5,53704, 5. Effect of dust particles on electron energydistribution in glow and afterglow plasmas**, 2016,** Problems of Atomic Science and Technology,106,6,179 6. Electron energy distribution in a dusty plasma: Analytical approach**, 2015,** "Physical Review E - Statistical, Nonlinear, and Soft Matter Physics",92,3,33102, 7. Effect of secondary emission on the argon plasma afterglow with large dust density**, 2015,** Physics of Plasmas,22,2,23702, 8. Growth of forest of single-walled carbon nanotubes at inhomogenious fluxes from plasma**, 2015,** Problems of Atomic Science and Technology,95,1,184	15	1. Electron Energy Probal Density, **2018**, Problem 2. Electron Energy Probal Plasmas,25,1,13703, 3. Electromagnetic Wave And Technology,107,1 4. "Electron Energy Distr Afterglow Of A Plasma 5. Effect Of Dust Particles Atomic Science And T 6. Electron Energy Distrib Nonlinear, And Soft M 7. Effect Of Secondary E Plasmas,22,2,23702,

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Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Бізюков Олександр Анатолі-йович	29	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 plasma**, 2016,** Problems of Atomic Science and Technology,106,6,268 8. Macroparticles in beam-plasma systems**, 2016,** Problems of Atomic Science and Technology,106,6,187 9. Erosion features of tungsten surfaces under combined steady-state and transient plasma loads**, 2016,** Problems of Atomic Science and Technology,106,6,69 10. Pulse electrothermal plasma accelerators and its application in the technologies**, 2015,** Problems of Atomic Science and Technology,98,4,319 11. Charging of macroparticles in a high-voltage vacuum ARC sheath**, 2015,** Problems of Atomic Science and Technology,95,1,246 12. Extraction of fusion relevant ion species from discharge of focused anode layer thruster**, 2015,** Problems of Atomic Science and Technology,98,4,22 13. Dynamics of macroparticles in a magnetic filter for a vacuum arc plasma sources**, 2015,** Problems of Atomic Science and Technology,98,4,298 14. Operation modes of the FALCON ion source as a part of the AMS cluster tool**, 2015,** Nukleonika,60,2,327 15. Increasing of mass transfer efficiency at magnetron deposition of metal coating**, 2015,** Problems of Atomic Science and Technology,95,1,181 16. Exposure of tungsten surface to high-flux of helium and argon ions**, 2014,** Problems of Atomic Science and Technology,94,6,80 17. 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 18. Method of controlling coupling coefficient of Aluminum Scandium Nitride deposition in high volume production**, 2013,** "2013 Joint European Frequency and Time Forum and International Frequency Control Symposium, EFTF/IFC	30	1. Ion Induced Millimetre Myroshnyk, M.; Bizyu Beam Interactions Wit 2. Charging Of A Macrop O.",Problems Of Atom 3. Aluminium Surface Mo Bogatyrenko, S.; Bizyu With Materials And At 4. Phase States Of Macrop Chibisov, O. D.; Kuten 5. Decay Of Liquid Metal Chibisov, A. D.; Roma ,1,163,166, 6. The Size Effect And X- Bizyukov, A. A.; Bular 7. Erosion Features Of Tu Loads,"Herashchenko, Surovitskiy, S. V.; Sere 8. Transport Of A Macrop Elena V.",Ieee Transac 9. Macroparticles In Bean D.",Problems Of Atom 10. Vaporization Of Metall Chibisov, A. D.; Roma ,6,268,271, 11. Operation Modes Of Th Alexander; Bizyukov, I 12. Increasing Of Mass Tra N.; Tarasov, I. K.; Bizy 13. Pulse Electrothermal Pl A.; Bulanchuk, O. N.; I 14. Dynamics Of Macropar

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Фізико-техніч-ний	Кафедра ядерної та медичної фізики	Раткевич Сергій Станісла-вович	31	1. 2K-Capture in 124Xe: Results of Data Processing for an Exposure of 37.7 kg day**, 2018,** Physics of Particles and Nuclei,49,4,563 2. Search for Variations of 213Po Half-Life**, 2018,** Physics of Particles and Nuclei,49,4,557 3. Results of In-Depth Analysis of Data Obtained in the Experimental Search for 2K(2ν)-Capture in 78Kr**, 2018,** Physics of Particles and Nuclei,49,4,540 4. Results of Searching for Solar Hadronic Axions Emitted in the M1 Transition in 83Kr Nuclei**, 2018,** Physics of Particles and Nuclei,49,4,599 5. New Constraints on the Axion–Photon Coupling Constant for Solar Axions**, 2018,** JETP Letters,107,10,589 6. Search for two-neutrino 2K capture in 124Xe: the method and preliminary results**, 2018,** Physics of Particles and Nuclei,49,1,36 7. Search for resonant absorption of solar axions emitted in M1-transitions in 83Kr nuclei: Second stage of the experiment**, 2018,** Physics of Particles and Nuclei,49,1,94 8. Recent Results of Search for Solar Axions Using Resonant Absorption by 83Kr nuclei**, 2017,** Journal of Physics: Conference Series,934,1,12018, 9. Comparative study of the double- K -shell-vacancy production in single- and double-electron-capture decay**, 2017,** Physical Review C,96,6,65502, 10. Observation of daily and annular variations in the 214Po half-life**, 2017,** Physics of Particles and Nuclei,48,6,873 11. The origin of the background radioactive isotope 127Xe in the sample of Xe enriched in 124Xe**, 2017,** Physics of Particles	26	1. Search For Resonant A The Experiment,Physic 2. Results Of In-Depth An 78,Physics Of Particles 3. Search For Variations O 4. 2k-Capture In Xe-124: Nuclei**, 2018,**49,4,563, 5. Results Of Searching F Particles And Nuclei**, 2** 6. Search For Two-Neutri Nuclei**, 2018,**49,1,36, 7. Comparative Study Of Decay,Physical Review 8. Search For 2k(2 Nu)-C 9. Some Features And Re Scintillation Detector,N Detectors And Associa 10. The Study Of The Ther

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Фізико-техніч-ний	Кафедра ядерної та медичної фізики	Трусова Валерія Михайлівна	32	1. Journal of Molecular Liquids,274,338 2. Lipid Bilayer Interactions of Amyloidogenic N-Terminal Fragment of Apolipoprotein A-I Probed by Förster Resonance Energy Transfer and Molecular Dynamics Simulations**, 2018,** Journal of Fluorescence,28,5,1037 3. Molecular dynamics simulations of lysozyme–lipid systems: probing the early steps of protein aggregation**, 2018,** Journal of Biomolecular Structure and Dynamics,36,9,2249 4. Förster Resonance Energy Transfer Study of Cytochrome c—Lipid Interactions**, 2018,** Journal of Fluorescence,28,1,79 5. Liposomal Co-Encapsulation of Two Novel Europium Complexes and Doxorubicin: Fluorescence Study**, 2017,** Journal of Fluorescence,27,4,1359 6. 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 7. Aggregation behavior of novel heptamethine cyanine dyes upon their binding to native and fibrillar lysozyme**, 2017,** Molecular BioSystems,13,5,970 8. Novel benzanthrone probes for membrane and protein studies**, 2016,** Methods and Applications in Fluorescence,4,3,34007, 9. Combined thioflavin T-Congo red fluorescence assay for amyloid fibril detection**, 2016,** Methods and Applications in Fluorescence,4,3,34010, 10. Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic characterization in presence of biological molecules**, 2016,** Journal of Photochemistry and Photobiology A: Chemistry,328,87 11. Novel asymmetric monomethine cyanine dyes derived from sulfobetaine benzothiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA**, 2016,** Dyes and Pigments,130,122 12. Probing protein-lipid interactions by FRET between membrane fluorophores**, 2016,** Methods and Applications in Fluorescence,4,3,34014, 13. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects**, 2016,** Journal of Fluorescence,26,1,177 14. Amyloid fibrils: Dark side of protein aggregation**, 2015,** YSF 2015 - International Young Scientists Forum on Applied Physics,7333123, 15. Aggregation of cyanine dyes in lipid environment**, 2015,** YSF 2015 - International Young Scientists Forum on Applied Physics,7333131, 16. FRET evidence for untwisting of amyloid fibrils on the surface of model membranes**, 2015,** Soft Matter,11,31,6223 17. "Protein Fibrillar Nanopolymers: Molecular-Level Insights into Their Structural, Physical and Mechanical Properties"**, 2015,** Biophysical Reviews and Letters,10,3,135 18. 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	40	1. Molecular Dynamics S Aggregation,Journal O 2. Lipid Bilayer Interactio Resonance Energy Tra 3. Novel Cyanine Dyes A **2018,**5,1,41, 4. Modelization Of Amyl 5. Forster Resonance Ene **2018,**28,1,79, 6. Aggregation Behavior Lysozyme,Molecular B 7. Fluorescence Study Of Apolipoprotein A-I N- 8. Liposomal Co-Encapsu Of Fluorescence**, 2017,** 9. Spectral Behavior Of I **2017,**4,4,18, 10. Thioflavin T Binding T Of Physics**, 2017,**4,4,3 11. Effect Of Amyloid Fibr **2017,**4,2,19, 12. Molecular Dynamics S 13. Auramine O As Potenti Of Physics**, 2017,**4,3,6 14. Novel Asymmetric Mo Fluorescent Dyes For N 15. Combined Thioflavin T In Fluorescence**, 2016,** 16. Novel Synthetic Appro Presence Of Biological 17. Novel Benzanthrone Pr 18. Symmetric Meso-Chlo Chromophores Novel S Objects,Journal Of Flu

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Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Дудін Станіслав Валенти-нович	22	1. Mechanical properties of tantalum-based ceramic coatings for biomedical applications**, 2018,** Journal of Physics: Conference Series,992,1,12034, 2. Structural and mechanical properties of hydroxyapatite coatings formed by ion-beam assisted deposition**, 2018,** Journal of Physics: Conference Series,992,1,12035, 3. Conversion of carbon dioxide in low-pressure plasma**, 2018,** Problems of Atomic Science and Technology,118,6,194 4. Investigation of DC glow discharge in CO2 using optical emission spectroscopy**, 2018,** Problems of Atomic Science and Technology,118,6,206 5. Design and research of combined magnetron-ion-beam sputtering system**, 2018,** Problems of Atomic Science and Technology,118,6,263 6. Comparative study of the hydroxyapatite coatings prepared with/without substrate bias**, 2017,** Ceramics International,43,17,14968 7. Electric field non-uniformity effect on dc low pressure gas breakdown between flat electrodes**, 2017,** Vacuum,145,19 8. Heuristic solution of Langmuir problem in arbitrary domain**, 2017,** Ukrainian Journal of Physics,62,1,33 9. Plasma assisted deposition of TaB2 coatings by magnetron sputtering system**, 2017,** Problems of Atomic Science and Technology,107,1,187 10. Synthesis of thin-film TA2O5 coatings by reactive magnetron sputtering**, 2016,** Problems of Atomic Science and Technology,106,6,248 11. Forming a unipolar pulsed discharge in nitrogen**, 2016,** Problems of Atomic Science and Technology,106,6,227 12. Magnetized retarding field energy analyzer measuring the particle flux and ion energy distribution of both positive and negative ions**, 2015,** Review of Scientific Instruments,86,5,53302, 13. Double magnetron cluster set-up for synthesis of micro and nano structure coatings**, 2015,** Problems of Atomic Science and Technology,95,1,187 14. Influence of secondary electron emission on the RF gas breakdown**, 2013,** Problems of Atomic Science and Technology,4,149 15. Physics and design of wide-aperture bipolar particle sources**, 2013,** Problems of Atomic Science and Technology,1,155 16. Numerical simulation and experimental investigation of bipolar single-grid energy analyzers**, 2013,** Problems of Atomic	24	1. Conversion Of Carbon **2018,**6,194, 2. Investigation Of Dc Gl And Technology**, 2018** 3. Design And Research C Technology**, 2018,**6,26 4. Mechanical Properties Summer School On Va 5. Structural And Mechan Deposition,"20th Interr **2018,**992,Unsp 012035 6. Electric Field Non-Uni **2017,**145,19, 7. Comparative Study Of **2017,**43,17,14968, 8. Plasma Assisted Depos Technology**, 2017,**1,18 9. Current Gain Of A Puls 10. Heuristic Solution Of L 11. Forming A Unipolar Pu 12. Synthesis Of Thin-Film Technology**, 2016,**6,24 13. Magnetized Retarding Positive And Negative 14. Double Magnetron Clu Science And Technolog

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Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Середа Костянтин Микола-йович	15	1. Features of surface modification of copper-based alloys under powerful plasma exposures**, 2018,** Problems of Atomic Science and Technology,118,6,143 2. Erosion features of tungsten surfaces under combined steady-state and transient plasma loads**, 2016,** Problems of Atomic Science and Technology,106,6,69 3. Alloying and modification of stainless steels by powerful plasma streams**, 2016,** Problems of Atomic Science and Technology,106,6,129 4. Extraction of fusion relevant ion species from discharge of focused anode layer thruster**, 2015,** Problems of Atomic Science and Technology,98,4,22 5. Increasing of mass transfer efficiency at magnetron deposition of metal coating**, 2015,** Problems of Atomic Science and Technology,95,1,181 6. 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 7. Charging processes and phase states of macroparticles in low-pressure arc discharge**, 2013,** Problems of Atomic Science and Technology,4,176 8. Particle charging in beam-plasma systems**, 2013,** Problems of Atomic Science and Technology,1,183 9. Pulsed magnetron sputtering system power supply without limitation and forced interruption of the discharge current**, 2013,** Problems of Atomic Science and Technology,1,225 10. Self-compensation of the focused ion beam space charge**, 2013,** Problems of Atomic Science and Technology,1,204 11. Combined exposures of tungsten by stationary and transient hydrogen plasma heat loads: Preliminary results**, 2013,** Problems of Atomic Science and Technology,1,70 12. Longitudinal ion source with the current self-compensation of the focused ion beam**, 2012,** Plasma Physics Reports,38,13,1032 13. Mass-separation of impurities in the ion beam systems with reversed magnetic beam focusing**, 2012,** Problems of Atomic Science and Technology,6,105 14. High-current pulsed operation modes of the planar mss with magnetically insulated anode without transition to the arc discharge**, 2012,** Problems of Atomic Science and Technology,6,190 15. Compact steady-state and high-flux Falcon ion source for tests of plasma-facing materials**, 2012,** Review of Scientific Instruments,83,8,83501,	14	1. Probe Measurements O Planar Magnetron Disc 2. Features Of Coatings D System,Problems Of A 3. Erosion Features Of Tu Atomic Science And T 4. Alloying And Modifica Technology**, 2016,**6,12 5. Increasing Of Mass Tra And Technology**, 2015** 6. Capture And Transport Electron Beam,Problen 7. Self-Compensation Of **2013,**1,204 8. Combined Exposures O Results,Problems Of A 9. Pulsed Magnetron Sput Current,Problems Of A 10. Charging Processes An Science And Technolog 11. Particle Charging In Be 12. Mass-Separation Of Im Atomic Science And T 13. High-Current Pulsed O To The Arc Discharge, 14. Longitudinal Ion Sourc **2012,**38,13,1032
Фізико-техніч-ний	Кафедра прикладної фізики	Олефір Володимир	11	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	10	1. Fast And Accurate Alg And Technology**, 2018**

	та фізики плазми	Петрович		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 ectromagnetic eigen waves of left-hand material slab, **2012**, Problems of Atomic Science and Technology,6,87		2. Modelling Of The Elec Metamaterial And The 3. Electromagnetic Model And Technology**, 2018** 4. Surface Electromagneti Gain,Problems Of Ato 5. Eigen Electromagnetic With Azimuthal Magne 6. Eigen Dipolar Electron Magnetic Field,Problen 7. Slow And Fast Surface Atomic Science And T 8. Surface Electromagneti Atomic Science And T 9. Eigen Dipolar Electron Field,Problems Of Ato 10. Phase And Group Velo Science And Technolo
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Грицина Валентина Валентинівна	9	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	9	1. On Excited Particle For 2. Effect Of Annealing On Atomic Science And T 3. Comparison Of The Ma Ions,Journal Of Surface 4. Influence Of Type Of B Under Ion Bombardme 5. On The Mechanisms O Aluminum Garnet,Vacu 6. Ion-Photon Emission U **2014,**105,91 7. Effect Of Modification Atomic Science And T 8. Ion-Photon Emission C Neutron Techniques**, 2** 9. Characteristic Features
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Кононенко Сергій Ігнатович	12	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. 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 6. Photo- and radioluminescence of poleskiy amber**, 2016,** Functional Materials,23,4,582 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	10	1. Alpha-Particle Induced And Technology**, 2018** 2. Influence Of He+ Long Physics Research Secti 3. Ukrainian Amber Lumi **2017,**188,319, 4. Application Of Radiolu Ieee 7th International C 5. Time Dependence Of S Experiment,Nuclear Ins Atoms**, 2016,**366,90, 6. Photo- And Radiolumi

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Фізико-техніч-ний	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 6. Deposit of bone-seeking radionuclides in teeth of patients with odontogenic diseases**, 2016,** Problems of Atomic Science and Technology,105,5,55 7. Modification of nanomaterial by radiation**, 2016,** Problems of Atomic Science and Technology,105,5,83 8. Men-made radionuclides in lichens and mosses of the Kharkiv region**, 2016,** Problems of Atomic Science and Technology,103,3,158 9. Radiative stability and sorption ability of clinoptilolite nanoparticles**, 2015,** Problems of Atomic Science and Technology,97,3,76 10. The use of molybdenum oxide nanoparticles for production of free isotope Mo-99**, 2015,** Problems of Atomic Science and Technology,100,6,154 11. Radionuclide accumulation by objects of ecosystem**, 2014,** Problems of Atomic Science and Technology,93,5,45 12. Radionuclide biosorption by the aquatic plants of Pistia stratiotes**, 2014,** Problems of Atomic Science and Technology,93,5,50 13. "Cesium, strontium and sodium diffusion in magnesium kalium phosphates system"**, 2014,** Problems of Atomic Science and Technology,93,5,39 14. Influence of high-energy electrons irradiation on nanoceramics properties of zirconia**, 2013,** Problems of Atomic Science and Technology,88,6,161 15. Excitation of isomeric Low-Lying level of nucleus 181Ta by relativistic electrons**, 2013,** Problems of Atomic Science and Technology,3,175 16. Radiative strength functions for dipole transitions in 90Zr**, 2013,** Physics of Atomic Nuclei,76,1,44	17	1. Photonuclear Productio 2. The Effect Of Gamma **2017,**6,122 3. Ion Exchange In Photo 4. Photonuclear Productio 5. The Content Of Natura Technology**, 2017,**3,55 6. Deposit Of Bone-Seeki Science And Technolog 7. Modification Of Nanor 8. Men-Made Radionuclid Technology**, 2016,**3,15 9. Radiative Stability And Technology**, 2015,**3,76 10. Sorption Properties Of **2015,**3,79 11. The Use Of Molybdenu Science And Technolog 12. "Cesium, Strontium An Science And Technolog 13. Radionuclide Accumul 14. Radionuclide Biosorpti Technology**, 2014,**5,50 15. Influence Of High-Ene Science And Technolog 16. Excitation Of Isomeric Science And Technolog 17. Radiative Strength Fun
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Яковін Станіслав Дмитрович	21	1. Mechanical properties of tantalum-based ceramic coatings for biomedical applications**, 2018,** Journal of Physics: Conference Series,992,1,12034, 2. Structural and mechanical properties of hydroxyapatite coatings formed by ion-beam assisted deposition**, 2018,** Journal of Physics: Conference Series,992,1,12035, 3. Design and research of combined magnetron-ion-beam sputtering system**, 2018,** Problems of Atomic Science and Technology,118,6,263,266 4. Comparative study of the hydroxyapatite coatings prepared with/without substrate bias**, 2017,** Ceramics International,43,17,14968,14975 5. Plasma assisted deposition of TaB2 coatings by magnetron sputtering system**, 2017,** Problems of Atomic Science and Technology,107,1,187,190 6. Effect of magnetron sputtering (RF and DC) parameters on the TaB2 films structure**, 2016,** "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757265,	19	1. Design And Research Technology**, 2018,**6,26 2. Mechanical Properties Summer School On Va 3. Structural And Mechan Deposition,"20th Interr **2018,**992,Unsp 012035 4. Comparative Study Of **2017,**43,17,14968, 5. Plasma Assisted Depos Technology**, 2017,**1,18 6. The Effect Of Surface

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Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Целуйко Олександр Федорович	24	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	23	1. Electrodes Dimensions And Technology**, 2018** 2. Self-Sustained Plasma- **2018,**46,10,3541, 3. Effect Of The External Discharge,Problems Of 4. Hydrogen Injector Base Technology**, 2018,**6,22 5. Electromagnetic Filter Technology**, 2018,**4,28 6. Effect Of Metal-Hydric Journal Of Hydrogen E 7. Longitudinal Extraction Science And Technolog 8. The Efficiency Of The On Pulsed Power (Ppc)

				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. Anisotropy of radiation from dense plasma of multiply ionized atoms**, 2015,** Problems of Atomic Science and Technology,98,4,32 14. Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply**, 2015,** Problems of Atomic Science and Technology,98,4,342 15. Dynamics of euv-radiation from the partially contracted plasma diode**, 2015,** Problems of Atomic Science and Technology,95,1,190 16. Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation**, 2015,** Problems of Atomic Science and Technology,95,1,174 17. PIG charged particle source with hydrogen supply from a metal-hydride cathode**, 2014,** Journal of Physics: Conference Series,514,1,12051, 18. Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode**, 2014,** Problems of Atomic Science and Technology,94,6,201 19. Features of electron beam evaporation under surface electron beam formation**, 2014,** Problems of Atomic Science and Technology,94,6,149 20. PIG with metal-hydride cathode under ion-stimulated desorbtion of hydrogen**, 2013,** Problems of Atomic Science and Technology,4,301 21. Dynamical accelerating structures of thermoionic plasma**, 2013,** Problems of Atomic Science and Technology,4,61 22. Experimental simulation of metal-hydride cathode working in penning discharge**, 2013,** Problems of Atomic Science and Technology,1,228 23. Double electric layer influence on dynamic of EUV radiation from plasma of high-current pulse diode in tin vapor**, 2013,** "Physics Letters, Section A: General, Atomic and Solid State Physics",377,03.апр,307 24. Influence of external magnetic field on intensity and directivity of EUV radiation from high-current pulse plasma diode**, 2012,** Problems of Atomic Science and Technology,6,184		9. The Capacitive Compo **2017,**1,219, 10. Features Of Active Pow Technology**, 2016,**6,48 11. Separation Of Negative Atomic Science And T 12. Optimization Of The C Of Atomic Science An 13. Plasma Parameters In P Atomic Science And T 14. Anisotropy Of Radiatio Technology**, 2015,**4,32 15. Dynamics Of Euv-Radi Technology**, 2015,**1,19 16. Pig Charged Particle So School On Vacuum, El 17. Influence Of Hydrogen Atomic Science And T 18. Features Of Electron B And Technology**, 2014** 19. Pig With Metal-Hydrid And Technology**, 2013** 20. Experimental Simulatio And Technology**, 2013** 21. Double Electric Layer I Vapor,Physics Letters A 22. Dynamical Acceleratin **2013,**4,61, 23. Influence Of External M Plasma Diode,Problem
Фізико-техніч-ний	Кафедра ядерної та медичної фізики	Бараннік Євген Олексан-дрович	8	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	1. Influence Of He+ Long Physics Research Secti 2. The Effect Of Blood A 3. Time Dependence Of S Experiment,Nuclear Ins Atoms**, 2016,**366,90 4. The Influence Of The D Response Signals,East 5. Time Dependence Of S Instruments & Methods **2015,**362,182 6. Correlation Function A Accelerated Scatterers 7. Characterization Of Blo International Young Sc 8. Correlation Functions A Applications,Ultrasonic

						9. Displacement Spectra U Ultrasonic Response A 10. Methods Of Automatec Fifth International Con
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Литовченко Сергій Володи-мирович	28	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-AlN coatings deposited by the magnetron sputtering"**, 2018,** Journal of Nano- and Electronic Physics,10,3,3028, 7. "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, 8. 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 9. Effect of bias voltage and nitrogen pressure on the structure and properties of vacuum-arc (Mo + Ti6%Si)N coatings**, 2017,** Technical Physics,62,5,795 10. Peculiarities of obtaining diamond-(Fe-Cu-Ni-Sn) composite materials by hot pressing**, 2017,** Functional Materials,24,1,31 11. Structure and properties of vacuum arc single-layer and multiperiod two-layer nitride coatings based on Ti(Al): Si layers**, 2017,** Journal of Nano- and Electronic Physics,9,1,1033, 12. Use of a mixture of gases (C2H2 + N2) to obtain high-strength molybdenum-based carbonyl nitride coatings**, 2017,** Journal of Nano- and Electronic Physics,9,5,5043, 13. "Single layer and multilayer vacuum-arc coatings based on the nitride tialsiyn: Composition, structure, properties"**, 2017,** Problems of Atomic Science and Technology,110,4,88 14. "Study of influence physical and technological parameters of deposition on the structure, physical and mechanical properties of vacuum arc coatings (Mo + Ti6%Si)N"**, 2016,** "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757226, 15. "Effect of the deposition parameters on the phase–structure state, hardness, and tribological characteristics of Mo2N/CrN vacuum–arc multilayer coatings"**, 2016,** Journal of Superhard Materials,38,2,114 16. "Influence on mechanical characteristics of thickness of layers in MoN/CrN multilayer coatings, deposited under the influence of negative bias potential"**, 2016,** Journal of Nano- and Electronic Physics,8,1,1043, 17. Influence of high-voltage constant potential bias on structure and properties of MoN/CrN multilayer composite with different layer thickness**, 2016,** Problems of Atomic Science and Technology,101,1,154 18. Structure and mechanical properties of nitride multi-layer systems on the basis of high entropy alloys and transition metals of group VI**, 2016,** Problems of Atomic Science and Technology,101,1,112 19. Multilayer nitride coatings (TiZrNbHf)N/MoN**, 2016,** Journal of Nano- and Electronic Physics,8,3,3045, 20. "The influence of nitrogen pressure on the structure of condensates, obtained at vacuum-arc deposition from high entropy alloy AlCrTiZrNbY"**, 2016,** Problems of Atomic Science and Technology,102,2,86 21. Effect of high-entropy components of nitride layers on nitrogen content and hardness of (TiN-Cu)/(AlNbTiMoVCr)N vacuum-arc multilayer coatings**, 2016,** Journal of Nano- and Electronic Physics,8,2,2057, 22. Tribological characteristics and mechanical properties of multilayer vacuum-arc coatings TiN/ZrN**, 2015,** Problems of	19	1. Dynamics Of The Plası Sulfate,Problems Of At 2. "The Influence Of Boro Parameters Of Nickel", 3. Structure And Properti Ti(Al):Si Layers,Journa 4. Peculiarities Of Obtain **2017,**24,1,31, 5. "Effect Of Deposition I (Ti,Si)N/Mon Vacuum Application & Properti 6. "Single Layer And Mul Properties",Problems C 7. Structure And Mechani Transition Metals Of G 8. "The Influence Of Nitr From High Entropy All 9. "Influence On Mechani Under The Influence O 10. Influence Of High-Volt Composite With Differ 11. "Study Of Influence Ph Mechanical Properties Application & Properti 12. Multilayer Nitride Coat 13. Effect Of High-Entropy Cu)/(Alnbtimovcr)N V 02057 14. High-Temperature Silic 15. "Structure, Substructur Of Nano- And Electron 16. Tribological Characteri Atomic Science And T 17. "Effect Of Temperature Substrate System",Prob 18. Condensation Of Silici **2014,**1,180, 19. "Ion-Plasma Coating A Technology**, 2013,**2,14

				Atomic Science and Technology,99,5,70 23. "Structure and physical and mechanical Properties of nanocomposite (Zr-Ti-Cr-Nb)N and (Ti-Zr-Al-Nb-Y)N coatings, obtained by vacuum-arc evaporation method"**, 2015,** Springer Proceedings in Physics,156,75 24. "Structure, substructure, hardness and adhesion strength of multiperiod composite coatings MoN/CrN"**, 2015,** Journal of Nano- and Electronic Physics,7,4,4050, 25. Condensation of silicide films from pure components**, 2014,** Problems of Atomic Science and Technology,89,1,180 26. "Effect of temperature on distribution of elements and surface morphology in the (Ti, Hf)N-coating/Si-substrate system"**, 2014,** Problems of Atomic Science and Technology,90,2,149 27. Properties of AlN-TiB2-TiSi2 coating system obtained by magnetron sputterring**, 2013,** "CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings",6653080,824 28. "Ion-plasma coating AlN-TiB2-TiSi2 systems, obtaining and properties"**, 2013,** Problems of Atomic Science and Technology,2,144		
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Середа Ігор Микола-йович	21	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 extreme ultraviolet radiation**, 2015,** Problems of Atomic Science and Technology,95,1,174 16. PIG charged particle source with hydrogen supply from a metal-hydride cathode**, 2014,** Journal of Physics: Conference Series,514,1,12051, 17. Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode**, 2014,** Problems of Atomic Science and Technology,94,6,201 18. Features of electron beam evaporation under surface electron beam formation**, 2014,** Problems of Atomic Science and	20	1. Electrodes Dimensions And Technology**, 2018** 2. Self-Sustained Plasma- **2018,**46,10,3541, 3. Effect Of The External Discharge,Problems Of 4. Hydrogen Injector Base Technology**, 2018,**6,22 5. Electromagnetic Filter Technology**, 2018,**4,28 6. Effect Of Metal-Hydric Journal Of Hydrogen E 7. Longitudinal Extraction Science And Technolog 8. The Efficiency Of The On Pulsed Power (Ppc) 9. The Capacitive Compo **2017,**1,219, 10. Features Of Active Pow Technology**, 2016,**6,48 11. Separation Of Negative Atomic Science And T 12. Optimization Of The C Of Atomic Science An 13. Plasma Parameters In P Atomic Science And T 14. Dynamics Of Euv-Radi Technology**, 2015,**1,19 15. Pig Charged Particle So School On Vacuum, El 16. Influence Of Hydrogen Atomic Science And T 17. Features Of Electron B And Technology**, 2014** 18. Pig With Metal-Hydrid

				Technology,94,6,149 19. PIG with metal-hydride cathode under ion-stimulated desorbtion of hydrogen**, 2013,** Problems of Atomic Science and Technology,4,301 20. Dynamical accelerating structures of thermoionic plasma**, 2013,** Problems of Atomic Science and Technology,4,61 21. Experimental simulation of metal-hydride cathode working in penning discharge**, 2013,** Problems of Atomic Science and Technology,1,228		And Technology**, 2013** 19. Experimental Simulatio And Technology**, 2013** 20. Dynamical Acceleratin **2013,**4,61,
Фізико-техніч-ний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Танатаров Ігор Володи-мирович	6	1. Collisional super-Penrose process and Wald inequalities**, 2017,** General Relativity and Gravitation,49,9,119, 2. Bañados-Silk-West effect with nongeodesic particles: Nonextremal horizons**, 2014,** "Physical Review D - Particles, Fields, Gravitation and Cosmology",90,6,67502, 3. "What happens to Petrov classification, on horizons of axisymmetric dirty black holes"**, 2014,** Journal of Mathematical Physics,55,2,22502, 4. Bañados-Silk-West effect with nongeodesic particles: Extremal horizons**, 2013,** "Physical Review D - Particles, Fields, Gravitation and Cosmology",88,6,64036, 5. Dirty rotating black holes: Regularity conditions on stationary horizons**, 2012,** "Physical Review D - Particles, Fields, Gravitation and Cosmology",86,4,44019, 6. "Phonons, rotons and ripplons at interfaces"**, 2012,** Problems of Atomic Science and Technology,1,260	6	1. Collisional Super-Penr 2. Banados-Silk-West Eff **2014,**90,6,67502 3. "What Happens To Pet Mathematical Physics**,** 4. Banados-Silk-West Eff 5. Dirty Rotating Black H 6. "Phonons, Rotons And
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Шевченко Дмитро Іванович	14	1. SIMS Study of Hydrogen Interaction with the LaNi5 Alloy Surface**, 2018,** Journal of Surface Investigation,12,3,576 2. On excited particle formation in crossed E×H fields**, 2018,** Vacuum,149,124 3. SIMS study of the surface of lanthanum-based alloys**, 2017,** Ukrainian Journal of Physics,62,10,845 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 5. Sims study of the surface of TiFe hydride forming alloy**, 2017,** Ukrainian Journal of Physics,62,3,195 6. Effect of annealing on the secondary particles emission from the zirconium alloy surface**, 2017,** Problems of Atomic Science and Technology,110,4,39 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 8. On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet**, 2016,** Vacuum,129,148 9. The study of surface of alloys for hydrogen storage by SIMS**, 2015,** YSF 2015 - International Young Scientists Forum on Applied Physics,7333250, 10. 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 11. Ion-photon emission under ion bombardment of garnet structures of different composition**, 2014,** Vacuum,105,91 12. Effect of modification sapphire surface under ion irradiation on the excited particles yield**, 2013,** Problems of Atomic Science and Technology,87,5,33 13. Ion-photon emission of metal-containing organic dyes**, 2012,** Journal of Surface Investigation,6,4,664 14. Characteristic features of ion-photon emission from yttrium-iron garnets**, 2012,** Vacuum,86,10,1624	13	1. On Excited Particle For 2. Sims Study Of Hydrog **2018,**12,3,576 3. Sims Study Of The Sur 4. Effect Of Annealing On Atomic Science And T 5. Sims Study Of The Sur 6. Comparison Of The Ma Ions,Journal Of Surface 7. Influence Of Type Of B Under Ion Bombardme 8. On The Mechanisms O Aluminum Garnet,Vacu 9. The Study Of Surface O Applied Physics (Ysf)**,** 10. Ion-Photon Emission U **2014,**105,91 11. Effect Of Modification Atomic Science And T 12. Characteristic Features 13. Ion-Photon Emission C Neutron Techniques**, 20**
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Богатиренко Сергій Іванович	18	1. Effect of size on phase transformation temperatures in Ge/Bi/Ge films**, 2018,** Journal of Alloys and Compounds,756,50 2. "Supercooling under crystallization of Bi-Sn eutectic alloy in contact with Bi, Sn and amorphous C"**, 2018,** Vacuum,152,1 3. 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 4. De-wetting of nanosized binary films: A case study on au-ge**, 2017,** "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 02NTF08, 5. Size evolution of solid state area on the Ag-Cu phase diagram**, 2017,** "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January, 02NTF12, 6. Application of radioluminescence technique for zirkonia powder and nanoceramics**, 2017,** "Proceedings of the 2017 IEEE	15	1. Ion Induced Millimetre Research Section B-Be 2. Effect Of Size On Phas **2018,**756,50, 3. "Supercooling Under C **2018,**152,1, 4. "Effect Of Concentratio Polymers",Journal Of P 5. Aluminium Surface Mo

				7th International Conference on Nanomaterials: Applications and Properties, NAP 2017",2017-January,8190351, 7. 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 8. "Influence of structure 3,5,7,3′,4′–Pentahydroxyflavone-based polymer films on their optical transparency"**, 2017,** Optical Materials,64,166 9. Synthesis and characterization of branched gold nanoparticles**, 2017,** Functional Materials,24,1,21 10. Derivatives of selenophene as new precursors for semi-conductor microparticles of CdSe and CdSeS**, 2016,** "Nanosistemi, Nanomateriali, Nanotehnologii",14,4,503 11. Formation of the solid solutions in the Au-Ni film system: In situ TEM study**, 2014,** Technical Physics,59,9,1374 12. Determination of solid state solubility of the components in the Ag-Ge film system**, 2014,** Journal of Nano- and Electronic Physics,6,4,4026, 13. The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system**, 2014,** Applied Physics A: Materials Science and Processing,116,4,1891 14. Size dependence of the activation energy of diffusion in multilayer Cu-Ni films**, 2014,** Physics of the Solid State,56,4,823 15. In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system**, 2014,** Metallofizika i Noveishie Tekhnologii,36,1,31 16. Research into effects of manufacturing and alloying methods on dysprosium hafnate pellet properties**, 2012,** Problems of Atomic Science and Technology,5,62 17. Fluorescence probing of thiol-functionalized gold nanoparticles: Is alkylthiol coating of a nanoparticle as hydrophobic as expected?**, 2012,** Journal of Physical Chemistry C,116,39,21059 18. Piezoquartz resonator as an in situ method for studying the phase transitions in thin metal and alloy films**, 2012,** Technical Physics,57,6,849		Methods In Physics Re 6. "Influence Of Structure Transparency",Optical 7. Synthesis And Charact 8. Size Evolution Of Solid Conference Nanomater 9. Application Of Radiolu Ieee 7th International C 10. De-Wetting Of Nanosiz Conference Nanomater 11. Size Dependence Of Th **2014,**56,4,823, 12. The Kinetics Of The Fo Materials Science & Pr 13. Formation Of The Solid **2014,**59,9,1374, 14. Fluorescence Probing C Hydrophobic As Expec 15. Piezoquartz Resonator Films,Technical Physic
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Зиков Олександр Володи-мирович	10	1. Design and research of combined magnetron-ion-beam sputtering system**, 2018,** Problems of Atomic Science and Technology,118,6,263 2. Plasma assisted deposition of TaB2 coatings by magnetron sputtering system**, 2017,** Problems of Atomic Science and Technology,107,1,187 3. Effect of magnetron sputtering (RF and DC) parameters on the TaB2 films structure**, 2016,** "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757265, 4. Synthesis of thin-film TA2O5 coatings by reactive magnetron sputtering**, 2016,** Problems of Atomic Science and Technology,106,6,248 5. Ignition and break-down of the gas discharge in magnetic field**, 2015,** Problems of Atomic Science and Technology,98,4,224 6. Low pressure gas discharge in magnetically insulated diode**, 2015,** Problems of Atomic Science and Technology,95,1,259 7. Double magnetron cluster set-up for synthesis of micro and nano structure coatings**, 2015,** Problems of Atomic Science and Technology,95,1,187 8. Characteristics of discharge in crossed ExH fields near breakdown curve in acceleration and plasma regime**, 2013,** Problems of Atomic Science and Technology,1,186 9. Technological aprobation of integral cluster set-up for complex compound composites syntesis**, 2012,** Problems of Atomic Science and Technology,6,220 10. Structure and fluorescence of ZnW0 4 films prepared by ion beam sputtering**, 2012,** Functional Materials,19,1,84	9	1. Design And Research C Technology**, 2018,**6,26 2. Plasma Assisted Depos Technology**, 2017,**1,18 3. Synthesis Of Thin-Film Technology**, 2016,**6,24 4. Effect Of Magnetron Sp On Nanomaterials: App 5. Low Pressure Gas Disc **2015,**1,259, 6. Double Magnetron Clu Science And Technolog 7. Ignition And Break-Do **2015,**4,224, 8. Characteristics Of Disc Regime,Problems Of A 9. Technological Aprobat Atomic Science And T
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Рябчиков Дмитро Львович	21	1. The efficiency of the pulsed power input in the limited plasma diode**, 2018,** IEEE International Pulsed Power Conference,2017-June,8291229, 2. Hydrogen injector based on penning discharge with metal hydride cathode**, 2018,** Problems of Atomic Science and Technology,118,6,222 3. Electromagnetic filter for h– separation from pig with metal hydride cathode**, 2018,** Problems of Atomic Science and Technology,116,4,282 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	20	1. Electrodes Dimensions And Technology**, 2018** 2. Effect Of The External Discharge,Problems Of 3. Hydrogen Injector Base Technology**, 2018,**6,22 4. Electromagnetic Filter Technology**, 2018,**4,28

				5. Electrodes dimensions effect on the self-sustained plasma-beam discharge power**, 2018,** Problems of Atomic Science and Technology,116,4,156 6. Effect of metal-hydride hydrogen activation on longitudinal yield of negative ions from PIG**, 2017,** International Journal of Hydrogen Energy,42,34,21866 7. Longitudinal extraction of H– Ions from penning discharge with metal-hydride cathode**, 2017,** Problems of Atomic Science and Technology,107,1,183 8. The capacitive component of double layer current in plasma**, 2017,** Problems of Atomic Science and Technology,107,1,219 9. Separation of negative hydrogen ions from penning discharge with metal-hydride cathode**, 2016,** Problems of Atomic Science and Technology,106,6,241 10. Features of active power definition in high-current pulsed discharge**, 2016,** Problems of Atomic Science and Technology,106,6,48 11. Plasma parameters in pig with metal-hydride cathode under different ways of hydrogen supply**, 2015,** Problems of Atomic Science and Technology,98,4,342 12. Dynamics of euv-radiation from the partially contracted plasma diode**, 2015,** Problems of Atomic Science and Technology,95,1,190 13. Optimization of the collecting mirror location in the plasma source of extreme ultraviolet radiation**, 2015,** Problems of Atomic Science and Technology,95,1,174 14. PIG charged particle source with hydrogen supply from a metal-hydride cathode**, 2014,** Journal of Physics: Conference Series,514,1,12051, 15. Influence of hydrogen supply on emissive characteristics of pig with metal-hydride cathode**, 2014,** Problems of Atomic Science and Technology,94,6,201 16. Features of electron beam evaporation under surface electron beam formation**, 2014,** Problems of Atomic Science and Technology,94,6,149 17. PIG with metal-hydride cathode under ion-stimulated desorbtion of hydrogen**, 2013,** Problems of Atomic Science and Technology,4,301 18. Dynamical accelerating structures of thermoionic plasma**, 2013,** Problems of Atomic Science and Technology,4,61 19. Experimental simulation of metal-hydride cathode working in penning discharge**, 2013,** Problems of Atomic Science and Technology,1,228 20. Double electric layer influence on dynamic of EUV radiation from plasma of high-current pulse diode in tin vapor**, 2013,** "Physics Letters, Section A: General, Atomic and Solid State Physics",377,03.апр,307 21. Influence of external magnetic field on intensity and directivity of EUV radiation from high-current pulse plasma diode**, 2012,** Problems of Atomic Science and Technology,6,184		5. Effect Of Metal-Hydric Journal Of Hydrogen E 6. Longitudinal Extractior Science And Technolog 7. The Efficiency Of The On Pulsed Power (Ppc) 8. The Capacitive Compo **2017,**1,219, 9. Features Of Active Pow Technology**, 2016,**6,48 10. Separation Of Negative Atomic Science And T 11. Optimization Of The C Of Atomic Science An 12. Plasma Parameters In P Atomic Science And T 13. Dynamics Of Euv-Radi Technology**, 2015,**1,19 14. Pig Charged Particle So School On Vacuum, El 15. Influence Of Hydrogen Atomic Science And T 16. Features Of Electron B And Technology**, 2014** 17. Experimental Simulatio And Technology**, 2013** 18. Double Electric Layer I Vapor,Physics Letters A 19. Dynamical Acceleratin **2013,**4,61, 20. Influence Of External M Plasma Diode,Problem
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Калантар`ян Оганес Ваганович	12	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. 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 6. Photo- and radioluminescence of poleskiy amber**, 2016,** Functional Materials,23,4,582 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 8. Change of silica luminescence due to fast hydrogen ion bombardment**, 2015,** Nukleonika,60,2,289 9. Forward and backward electron emission in binary cell of radioisotope current source**, 2015,** Problems of Atomic Science and Technology,98,4,331	10	1. Alpha-Particle Induced And Technology**, 2018** 2. Influence Of He+ Long Physics Research Secti 3. Ukrainian Amber Lumi **2017,**188,319, 4. Application Of Radiolu Ieee 7th International C 5. Time Dependence Of S Experiment,Nuclear Ins Atoms**, 2016,**366,90, 6. Photo- And Radiolumin 7. Time Dependence Of S Instruments & Methods **2015,**362,182,

				10. Fast ion induced luminescence of silica implanted by molecular hydrogen**, 2014,** Functional Materials,21,1,26 11. Forward and backward electron emission induced by protons from copper foil**, 2013,** Problems of Atomic Science and Technology,4,320 12. Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions**, 2013,** Functional Materials,20,4,462		8. Change Of Silica Lumi 9. Forward And Backwar Science And Technolog 10. Forward And Backwar And Technology**, 2013**
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Шишкін Олег Олексан-дрович	12	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 Superconductivity and Cryogenics (PSAC), 17, 1, , 17 10. Energy and particle fluxes in presence of RMP in axissymetric 2D tokamak plasmas, **2013**, Problems of Atomic Science and Technology, 1, , 36 11. The effect of externally applied resonant magnetic perturbations on fusion product dynamics in toroidal plasmas: Numerical simulation, **2013**, Journal of Fusion Energy, 32, 2, , 247 12. Energy and pitch-angle distribution of the prompt losses in tokamak with non-circular cross-section, **2012**, Problems of Atomic Science and Technology, 6, , 28.	11	1. Discretized Collision C Atomic Science And T 2. Effect Of A Supercond After An Over-Current 3. Inverse Problem Soluti Configurations Basing Superconductivity**, 201** 4. Observation Of Self-M Current Operation,Cryo 5. Current Density Profile Transactions On Applie 6. Dependence Of Dc Hts The 28th International 7. Residual Magnetic Fiel Superconductivity**, 201** 8. Residual Magnetic Fiel Cut-Off Current Operat 9. The Effect Of External Plasmas: Numerical Si 10. Energy And Particle Fl Science And Technolog 11. Energy And Pitch-Ang Section,Problems Of A
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Журенко Віталій Павлович	12	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. 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 6. Photo- and radioluminescence of poleskiy amber**, 2016,** Functional Materials,23,4,582 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 8. Change of silica luminescence due to fast hydrogen ion bombardment**, 2015,** Nukleonika,60,2,289 9. Forward and backward electron emission in binary cell of radioisotope current source**, 2015,** Problems of Atomic Science and Technology,98,4,331 10. Fast ion induced luminescence of silica implanted by molecular hydrogen**, 2014,** Functional Materials,21,1,26 11. Forward and backward electron emission induced by protons from copper foil**, 2013,** Problems of Atomic Science and Technology,4,320	10	1. Alpha-Particle Induced And Technology**, 2018** 2. Influence Of He+ Long Physics Research Secti 3. Ukrainian Amber Lumi **2017,**188,319, 4. Application Of Radiolu Ieee 7th International C 5. Time Dependence Of S Experiment,Nuclear Ins Atoms**, 2016,**366,90, 6. Photo- And Radiolumi 7. Time Dependence Of S Instruments & Methods **2015,**362,182, 8. Change Of Silica Lumi 9. Forward And Backwar Science And Technolog

				12. Ionoluminescence of silica bombarded by 420 keV molecular hydrogen ions**, 2013,** Functional Materials,20,4,462		10. Forward And Backwar And Technology**, 2013**
Фізико-техніч-ний	Кафедра ядерної та медичної фізики	Рудичев Володимир Григорович	8	1. Optimization of99mTc 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 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 3. Contribution of radionuclides to heat release in the process of SNF dry storage**, 2017,** Problems of Atomic Science and Technology,108,2,91 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	8	1. Efficiency Of The Dos Radioactive Waste,Prob 2. Contribution Of Radio And Technology**, 2017** 3. Irradiation Dose Minim Intensity,Atomic Energ 4. Bremsstrahlung Forma European Journal Of Ph 5. Influence Of Certain Ra Atomic Science And Te 6. Change Of Radioactive Of Atomic Science And 7. Optimization Of The D Steam Generator,Proble 8. Protective Structures Fo
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Ромащенко Олена Володи-мирівна	13	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	1. Charging Of A Macrop 2. Decay Of Liquid Metal Atomic Science And Te 3. Transport Of A Macrop 4. Macroparticles In Beam 5. Vaporization Of Metall Science And Technolog 6. Dynamics Of Macropar Science And Technolog 7. Charging Of Macropart Technology**, 2015,**1,24 8. Age-Related Features O Experimental Biology A 9. Capture And Transport Electron Beam,Problem 10. Self-Compensation Of **2013,**1,204 11. Charging Processes An Science And Technolog 12. Particle Charging In Be 13. Effect Of The Paramete Macroparticle,Problem 14. Longitudinal Ion Sourc **2012,**38,13,1032
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Афанасьева Інна Олексіївна	9	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	4	1. On Excited Particle For 2. Effect Of Annealing On Atomic Science And Te

				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		3. Comparison Of The Ma Ions,Journal Of Surface 4. Influence Of Type Of B Under Ion Bombardme
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Літвинов Віктор Олексійович	7	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	1. Sims Study Of Hydrog **2018,**12,3,576, 2. Sims Study Of The Sur 3. Effect Of Annealing On Atomic Science And Te 4. Sims Study Of The Sur 5. The Study Of Surface O Applied Physics (Ysf)**,** 6. About Using Of Secon Journal Of Physics**, 201**
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Чібісов Олександр Дмитрович	7	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 Atomic Science and Technology,94,6,164 6. Charging processes and phase states of macroparticles in low-pressure arc discharge**, 2013,** Problems of Atomic Science and Technology,4,176 7. 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	7	1. Decay Of Liquid Metal Atomic Science And Te 2. Vaporization Of Metall Science And Technolog 3. Dynamics Of Macropar Science And Technolog 4. Charging Of Macropart Technology**, 2015,**1,24 5. Capture And Transport Electron Beam,Problem 6. Charging Processes An Science And Technolog 7. Effect Of The Paramete Macroparticle,Problem
Фізико-техніч-ний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Голубов Олексій Андрійович	14	1. The local rotation curve of the Milky Way based on SEGUE and RAVE data**, 2018,** Astronomy and Astrophysics,614, A63, 2. A New Equilibrium State for Singly Synchronous Binary Asteroids**, 2018,** Astrophysical Journal Letters,857,1, L5, 3. Analytic model for tangential YORP**, 2017,** Astronomical Journal,154,6,238, 4. EQUILIBRIUM ROTATION STATES of DOUBLY SYNCHRONOUS BINARY ASTEROIDS**, 2016,** Astrophysical Journal Letters,833,2, L23, 5. Obliquity dependence of the tangential YORP**, 2016,** Astronomy and Astrophysics,592, A115, 6. Physical models for the normal YORP and diurnal Yarkovsky effects**, 2016,** Monthly Notices of the Royal Astronomical Society,458,4,3977 7. A three-dimensional model of tangential yorp**, 2014,** Astrophysical Journal,794,1, 22 (9pp), 8. "The asymmetric drift, the local standard of rest, and implications from RAVE data"**, 2013,** Astronomy and	10	1. The Local Rotation Cu **2018,**614,A63 2. A New Equilibrium Sta 3. "Physical Models For T Notices Of The Royal A 4. Analytic Model For Ta 5. Physical Models For Th Astronomical Society**,** 6. Equilibrium Rotation S **2016,**833,2,L23 7. Obliquity Dependence

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Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Коппе Валерій Тимофійович	5	1. Sims study of the surface of TiFe hydride forming alloy**, 2017,** Ukrainian Journal of Physics,62,3,195 2. Effect of annealing on the secondary particles emission from the zirconium alloy surface**, 2017,** Problems of Atomic Science and Technology,110,4,39 3. The study of surface of alloys for hydrogen storage by SIMS**, 2015,** YSF 2015 - International Young Scientists Forum on Applied Physics,7333250, 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 5. SIMS investigations of hydrogen interaction with a zirconium getter alloy surface**, 2012,** Bulletin of the Russian Academy of Sciences: Physics,76,5,553	4	1. Effect Of Annealing On Atomic Science And T 2. Sims Study Of The Sur 3. The Study Of Surface O Applied Physics (Ysf)**,** 4. About Using Of Second Journal Of Physics**, 201**
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Юнаков Микола Микола-йович	9	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 ransitions in CsPbCl3 thin films**, 2018,** Functional Materials,25,2,218 4. Absorption spectrum of thin films of KPb2(Cl1- xBrx)5 solid solutions**, 2017,** Low Temperature Physics,43,10,1222 5. Absorption spectrum of thin films of KPb2(Cl1-xBrx)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 KPb2Br5 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	1. The Exciton Absorption Temperature Physics**, 2** 2. Effect Of Iodine Impur Materials**, 2018,**25,2,21 3. Absorption Spectrum O **2017,**43,10,1222 4. Exciton Absorption Spe 5. The Exciton Absorption **2016,**42,9,768 6. Self-Compensation Of **2013,**1,204
Фізико-техніч-ний	Кафедра ядерної та медичної фізики	Малихіна Тетяна Василівна	7	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	1. Computer Simulation A Generator,Nuclear Inst Atoms**, 2017,**406,334, 2. Computer Simulation A Concepts In Nuclear Ph 3. "Experimental Results Energy Range Of 40-90 4. "Experimental Cross-S Energy Range Between 5. Photonuclear Productio **2012,**86,2,24609 6. Photonuclear Channel 7. "An Increase Of Mo-99 Molybdenum",Problem
Фізико-	Кафедра	Гречко	16	1. Self-Sustained Plasma-Beam Discharge at High Energy Density**, 2018,** IEEE Transactions on Plasma	16	1. Electrodes Dimensions

техніч-ний	матеріалів реакторобудування та фізичних технологій	Ярослав Олегович		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 Technology,118,6,198 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		And Technology**, 2018** 2. Self-Sustained Plasma-**2018,**46,10,3541 3. Effect Of The External Discharge,Problems Of 4. Hydrogen Injector Base Technology**, 2018,**6,22 5. Electromagnetic Filter Technology**, 2018,**4,28 6. Effect Of Metal-Hydric Journal Of Hydrogen E 7. Longitudinal Extraction Science And Technolog 8. The Efficiency Of The On Pulsed Power (Ppc) 9. The Capacitive Compo**2017,**1,219 10. Features Of Active Pow Technology**, 2016,**6,48 11. Separation Of Negative Atomic Science And T 12. Optimization Of The C Of Atomic Science An 13. Plasma Parameters In P Atomic Science And T 14. Anisotropy Of Radiatio Technology**, 2015,**4,32 15. Dynamics Of Euv-Radi Technology**, 2015,**1,19 16. Features Of Electron B And Technology**, 2014**
Фізико-техніч-ний	Кафедра теоретичної ядерної фізики та вищої математики імені О.І. Ахієзера	Ходусов Валерій Дмитрович	8	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. Second sound waves in diamond**, 2012,** Diamond and Related Materials,21,92	8	1. Optimal Control Proble **2018,**54,5,744, 2. Stochastic Equation Of Intelligent Computing (3. Model Of A Composite Intelligent Computing (4. Model Of Conveyer W Modelling Programmin 5. About Conditions Of E European Journal Of Ph 6. Second Sound Waves I 7. On The Effect Of Supe **2012,**15,4,Unsp 43601 8. The Absorption Of The Atomic Science And T
Фізико-техніч-ний	Кафедра теоретичної	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	4	1. Effects Of Scalar Boso 2. Polarization Phenomen

	ядерної фізики та вищої математики імені О.І. Ахієзера			2. General analysis and numerical estimations of polarization observables in the p̄+p→π0+e++e- reaction in an exclusive experimental setup**, 2012,** Physical Review C - Nuclear Physics,86,2,25204		3. Polarization Observabl **2014,**90,6,64901 4. General Analysis And + E(-) Reaction In An
Фізико-техніч-ний	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 ectromagnetic eigen waves of left-hand material slab**, 2012,** Problems of Atomic Science and Technology,6,87	7	1. Modelling Of The Elec Metamaterial And The 2. Surface Electromagneti **2018,**5,2,68, 3. Surface Electromagneti Gain,Problems Of Ato 4. Radiation Of A Wakefi Accelerator Concepts, 5. Slow And Fast Surface Atomic Science And T 6. Surface Electromagneti Atomic Science And T 7. Phase And Group Velo Science And Technolog
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Чишкала Володимир Олексійович	7	1. Investigation of structure and properties of composite material Al2O3-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 (Zr0.94Y0.06)O1.88 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<inf>2</inf>-WC nanopowders**, 2014,** Nanoscale Research Letters,9,1,1	7	1. Structure And Properti 2. Investigation Of Struct Process,Functional Mat 3. Peculiarities Of Obtain **2017,**24,1,31,45, 4. Ukrainian Amber Lumi **2017,**188,319,322, 5. Photo- And Radiolumi 6. Synthesis And Consoli 7. The Obtaining Of High Based On Zro2-Wc Na
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Ковтуненко Юрій Іванович	3	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	1. Implantation Of Deuter Atomic Science And T 2. Sequential Implantatio Atomic Science And T 3. Hydrogen Isotope Rete European Journal Of Ph 4. "Synthesis Of 1r-1h-Im **2015,**52,2,539 5. "Preparation Of Isoindo Heterocyclic Compoun 6. "Synthesis Of Novel Py
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Мисюра Ілля Микола-йович	8	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	6	1. A-Particle Induced For Science And Technolog 2. Influence Of He+ Long Methods In Physics Re 3. Ukrainian Amber Lumi Luminescence,188,319

				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		4. Photo- And Radiolumi 5. Changes In The Compo After Annealing And B Investigation,8,6,1339 6. Features Of Electron B Science And Technolo
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Сребнюк Павло Анато-лійович	9	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 of vacuum-arc (Mo + Ti6%Si)N coatings**, 2017,** Technical Physics,62,5,795 5. Structure and properties of vacuum arc single-layer and multiperiod two-layer nitride coatings based on Ti(Al): Si layers**, 2017,** Journal of Nano- and Electronic Physics,9,1,1033, 6. "Single layer and multilayer vacuum-arc coatings based on the nitride tialsiyn: Composition, structure, properties"**, 2017,** Problems of Atomic Science and Technology,110,4,88 7. "Study of influence physical and technological parameters of deposition on the structure, physical and mechanical properties of vacuum arc coatings (Mo + Ti6%Si)N"**, 2016,** "Proceedings of the 6th International Conference Nanomaterials: Applications and Properties, NAP 2016",7757226, 8. "Effect of pressure of nitrogen atmosphere during the vacuum arc deposition of multiperiod coatings (Ti, Si)N/MoN on their structure and properties"**, 2016,** Journal of Nano- and Electronic Physics,8,4,4023, 9. Numerical simulation and experimental investigation of bipolar single-grid energy analyzers**, 2013,** Problems of Atomic Science and Technology,1,264	2	1. Influence Of The High- Coatings From Mo/(Ti- 2. Effect Of Bias Voltage Coatings,Technical Phy
Фізико-техніч-ний	Кафедра ядерної та медичної фізики	Вус Катерина Олексан-дрівна	7	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	1. Novel Cyanine Dyes A **2018,**5,1,41, 2. Aggregation Behavior Lysozyme,Molecular B 3. Fluorescence Study Of Apolipoprotein A-I N- 4. Spectral Behavior Of I **2017,**4,4,18, 5. Thioflavin T Binding T Of Physics**, 2017,**4,4,3 6. Effect Of Amyloid Fibr **2017,**4,2,19, 7. Molecular Dynamics S 8. Auramine O As Potenti Of Physics**, 2017,**4,3,6 9. Novel Benzanthrone Pr 10. Fluorescence Monitori Applications In Fluores 11. Thioflavin T Derivativ Fluorescence And Qua

						12. In Vitro Characterizatio With Biophysics Letter 13. Novel Aminobenzanthr
Фізико-техніч-ний	Кафедра ядерної та медичної фізики	Рижова Ольга Анатоліївна	9	1. Aggregation behavior of novel heptamethine cyanine dyes upon their binding to native and fibrillar lysozyme**, 2017,** Molecular BioSystems,13,5,970 2. Novel benzanthrone probes for membrane and protein studies**, 2016,** Methods and Applications in Fluorescence,4,3,34007, 3. Novel synthetic approach to near-infrared heptamethine cyanine dyes and spectroscopic characterization in presence of biological molecules**, 2016,** Journal of Photochemistry and Photobiology A: Chemistry,328,87 4. Novel asymmetric monomethine cyanine dyes derived from sulfobetaine benzothiazolium moiety as potential fluorescent dyes for non-covalent labeling of DNA**, 2016,** Dyes and Pigments,130,122 5. Symmetric Meso-Chloro-Substituted Pentamethine Cyanine Dyes Containing Benzothiazolyl/Benzoselenazolyl Chromophores Novel Synthetic Approach and Studies on Photophysical Properties upon Interaction with bio-Objects**, 2016,** Journal of Fluorescence,26,1,177 6. Aggregation of cyanine dyes in lipid environment**, 2015,** YSF 2015 - International Young Scientists Forum on Applied Physics,7333131, 7. Newly synthesized benzanthrone derivatives as prospective fluorescent membrane probes**, 2014,** Journal of Luminescence,146,307 8. Location of novel benzanthrone dyes in model membranes as revealed by resonance energy transfer**, 2014,** Journal of Fluorescence,24,3,899 9. Novel benzanthrone aminoderivatives for membrane studies**, 2012,** Journal of Fluorescence,22,3,953	9	1. Novel Cyanine Dyes A **2018,**5,1,41, 2. Aggregation Behavior Lysozyme,Molecular B 3. Spectral Behavior Of In **2017,**4,4,18, 4. Molecular Dynamics S 5. Novel Asymmetric Mo Fluorescent Dyes For N 6. Novel Synthetic Appro Presence Of Biological 7. Novel Benzanthrone Pr 8. Symmetric Meso-Chlor Chromophores Novel S Objects,Journal Of Fluo 9. Aggregation Of Cyanin Physics (Ysf)**, 2015,**
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Чунадра Анатолій Григорович	5	1. Features of surface modification of copper-based alloys under powerful plasma exposures**, 2018,** Problems of Atomic Science and Technology,118,6,143 2. Alloying and modification of stainless steels by powerful plasma streams**, 2016,** Problems of Atomic Science and Technology,106,6,129 3. Increasing of mass transfer efficiency at magnetron deposition of metal coating**, 2015,** Problems of Atomic Science and Technology,95,1,181 4. Pulsed magnetron sputtering system power supply without limitation and forced interruption of the discharge current**, 2013,** Problems of Atomic Science and Technology,1,225 5. High-current pulsed operation modes of the planar mss with magnetically insulated anode without transition to the arc discharge**, 2012,** Problems of Atomic Science and Technology,6,190	7	1. Features Of Surface Mo Atomic Science And T 2. Probe Measurements O Planar Magnetron Disc 3. Features Of Coatings D System,Problems Of A 4. Alloying And Modifica Technology**, 2016,**6,12 5. Increasing Of Mass Tra And Technology**, 2015** 6. Pulsed Magnetron Sput Current,Problems Of A 7. High-Current Pulsed O To The Arc Discharge,
Фізико-техніч-ний	Кафедра прикладної фізики та фізики плазми	Бурмака Геннадій Павлович	7	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 3. Effect of secondary emission on the argon plasma afterglow with large dust density**, 2015,** Physics of Plasmas,22,2,23702, 4. Growth of forest of single-walled carbon nanotubes at inhomogenious fluxes from plasma**, 2015,** Problems of Atomic Science and Technology,95,1,184 5. Effect of secondary emission on the afterglow of argon with negatively charged dust particles**, 2014,** Problems of Atomic Science and Technology,94,6,157 6. "Long, vertically aligned single-walled carbon nanotubes from plasmas: Morpho-kinetic and alignment controls"**, 2014,** Plasma Processes and Polymers,11,8,798	7	1. Electron Energy Probal Density**, 2018,** Problem 2. Effect Of Dust Particle Atomic Science And T 3. Effect Of Secondary Em Plasmas,22,2,23702, 4. Growth Of Forest Of S Of Atomic Science And 5. Effect Of Secondary Em Problems Of Atomic Sc 6. "Long, Vertically Align

				7. Formation of forest of single-walled carbon nanotubes in plasma-enhanced chemical vapor deposition**, 2012,** Problems of Atomic Science and Technology,6,223		7. Controls"**, 2014,** Plasm Formation Of Forest O Problems Of Atomic S
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Бабенко Євгенія Віталіївна	7	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. 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 4. Electrodes dimensions effect on the self-sustained plasma-beam discharge power**, 2018,** Problems of Atomic Science and Technology,116,4,156 5. Longitudinal extraction of H– Ions from penning discharge with metal-hydride cathode**, 2017,** Problems of Atomic Science and Technology,107,1,183 6. The capacitive component of double layer current in plasma**, 2017,** Problems of Atomic Science and Technology,107,1,219 7. Features of active power definition in high-current pulsed discharge**, 2016,** Problems of Atomic Science and Technology,106,6,48	8	1. Electrodes Dimensions And Technology**, 2018** 2. Self-Sustained Plasma- **2018,**46,10,3541 3. Effect Of The External Discharge,Problems Of 4. Longitudinal Extraction Science And Technolog 5. The Capacitive Compo **2017,**1,219 6. Features Of Active Pow Technology**, 2016,**6,48 7. Plasma Parameters In F Atomic Science And T 8. Anisotropy Of Radiatio Technology**, 2015,**4,32
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Дахов Олександр Васильович	6	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	1. Conversion Of Carbon **2018,**6,194 2. Current Gain Of A Puls 3. Forming A Unipolar Pu 4. Actinometric Study Of **2014,**6,167 5. Influence Of Secondary Technology**, 2013,**4,14 6. Dependence Of Rf Brea Technology**, 2012,**6,19
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Оксенюк Іван Іванович	8	SIMS Study of Hydrogen Interaction with the LaNi5 Alloy Surface**, 2018,** Journal of Surface Investigation,12,3,576 On excited particle formation in crossed E×H fields**, 2018,** Vacuum,149,124 SIMS study of the surface of lanthanum-based alloys**, 2017,** Ukrainian Journal of Physics,62,10,845 Sims study of the surface of TiFe hydride forming alloy**, 2017,** Ukrainian Journal of Physics,62,3,195 Effect of annealing on the secondary particles emission from the zirconium alloy surface**, 2017,** Problems of Atomic Science and Technology,110,4,39 On the mechanisms of formation of excited yttrium atoms under ion bombardment of yttrium and yttrium-aluminum garnet**, 2016,** Vacuum,129,148 The study of surface of alloys for hydrogen storage by SIMS**, 2015,** YSF 2015 - International Young Scientists Forum on Applied Physics,7333250, 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	1. On Excited Particle For 2. Sims Study Of Hydrog **2018,**12,3,576 3. Sims Study Of The Sur 4. Effect Of Annealing On Atomic Science And T 5. Sims Study Of The Sur 6. On The Mechanisms O Aluminum Garnet,Vacu 7. The Study Of Surface O Applied Physics (Ysf)**,**
Фізико-техніч-ний	Кафедра ядерної та медичної фізики	Онищенко Геннадій Михайлович	14	1. Multi-layer fast neutron detectors based on composite heavy-oxide scintillators for detection of illegal nuclear materials**, 2018,** "Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment",903,287 2. Advanced Multilayer Composite Heavy-Oxide Scintillator Detectors for High-Efficiency Fast Neutron Detection**, 2018,** IEEE Transactions on Nuclear Science,65,9,8335781,2547	10	1. Multi-Layer Fast Neutr Nuclear Materials**, 201** Spectrometers, Detecto 2. Advanced Multilayer C **2018,** Ieee Transactions

				3. Unified S-matrix analysis of Airy structures in α+24Mg elastic and inelastic scattering**, 2018,** International Journal of Modern Physics D, 4. Unified S -matrix analysis of Airy structures in α + 24 Mg elastic and inelastic scattering**, 2018,** International Journal of Modern Physics E,27,7,8500611, 5. Advanced Multilayer Composite Heavy-Oxide Scintillator Detectors for High Efficiency Fast Neutron Detection**, 2018,** EPJ Web of Conferences,170,7010, 6. Fast neutron detectors based on solid-state single crystalline and multilayer composite scintillators**, 2017,** "2016 IEEE Nuclear Science Symposium, Medical Imaging Conference and Room-Temperature Semiconductor Detector Workshop, NSS/MIC/RTSD 2016",2017-January,8069722, 7. Fast neutron detectors and portal monitors based on solid-state heavy-oxide scintillators**, 2017,** Radiation Measurements,105,17 8. Analysis of α - 1 2 C elastic scattering at intermediate energies by the S -matrix model**, 2017,** International Journal of Modern Physics E,26,5,1750027, 9. A new multi-layer scintillation detector for detection of neutron-gamma radiation**, 2016,** "2015 IEEE Nuclear Science Symposium and Medical Imaging Conference, NSS/MIC 2015",7581996, 10. High efficiency fast neutron detectors based on inorganic scintillators**, 2016,** "2014 IEEE Nuclear Science Symposium and Medical Imaging Conference, NSS/MIC 2014",7431165, 11. Detection of gamma-neutron radiation by novel solid-state scintillation detectors**, 2015,** "2015 4th International Conference on Advancements in Nuclear Instrumentation Measurement Methods and their Applications, ANIMMA 2015",7465541, 12. The highly efficient gamma-neutron detector for control of fissionable radioactive materials**, 2014,** Functional Materials,21,3,345 13. The neutron detectors based on oxide scintillators for control of fissionable radioactive substances**, 2014,** Proceedings of SPIE - The International Society for Optical Engineering,9213, 92131B, 14. A high-efficiency method of detection of fast neutrons for detection systems of fissionable radioactive materials**, 2012,** Telecommunications and Radio Engineering (English translation of Elektrosvyaz and Radiotekhnika),71,18,1665		3. Unified S-Matrix Analy Journal Of Modern Phy 4. Unified S -Matrix Anal Journal Of Modern Phy 5. Fast Neutron Detectors "2016 Ieee Nuclear Sci Detector Workshop, Ns 6. Fast Neutron Detectors Measurements,105,17 7. Analysis Of A - 1 2 C I Journal Of Modern Phy 8. High Efficiency Fast N Symposium And Medi 9. The Highly Efficient G Functional Materials,2 10. The Neutron Detectors Proceedings Of Spie -
Фізико-техніч-ний	Кафедра матеріалів реакторобудування та фізичних технологій	Мінєнков Олексій Олексан-дрович	11	1. Effect of size on phase transformation temperatures in Ge/Bi/Ge films, **2018**, Journal of Alloys and Compounds,756,50 2. "Supercooling under crystallization of Bi-Sn eutectic alloy in contact with Bi, Sn and amorphous C", **2018**, Vacuum,152,1 3. De-wetting of nanosized binary films: A case study on au-ge, **2017**, "Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017", **2017**-January, 02NTF08, 4. Size evolution of solid state area on the Ag-Cu phase diagram**, 2017,**"Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties, NAP 2017", **2017**-January, 02NTF12, 5. Interfacial kinetics in nanosized Au/Ge films: An in situ TEM study, **2017**, Applied Surface Science,409,343 6. Morphology of islet systems formed during melting of continuous Bi films on Ge and SiO2 substrates, **2015**, Journal of Nano- and Electronic Physics,7,1,1024, 7. Determination of solid state solubility of the components in the Ag-Ge film system, **2014**, Journal of Nano- and Electronic Physics,6,4,4026, 8. The kinetics of the formation of a solid solution in an Ag-Pd polycrystalline film system, **2014**, Applied Physics A: Materials Science and Processing,116,4,1891 9. Size dependence of the activation energy of diffusion in multilayer Cu-Ni films, **2014**, Physics of the Solid State,56,4,823 10. In Situ TEM investigation of homogenization kinetics of polycrystalline Ag-Pd film system, **2014**, Metallofizika i Noveishie Tekhnologii,36,1,31 11. Critical thickness of contact melting in the Au/Ge layered film system, **2012**, Journal of Alloys and Compounds,512,1,311	8	1. Effect Of Size On Phas Compounds,756,50 2. "Supercooling Under C Vacuum,152,1 3. Interfacial Kinetics In N 4. Morphology Of Islet Sy Journal Of Nano- And 5. Determination Of Solid And Electronic Physics 6. The Kinetics Of The Fo Physics A: Materials Sc 7. Size Dependence Of Th State,56,4,823 8. Critical Thickness Of C Compounds,512,1,311
Фізичний	Кафедра експери-ментальної фізики	Пойда Володимир Павлович	8	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 // Металлофизика и новейшие технологии. – 2012. – Т.34, №10. – С.1397-1410. 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 // Металлофизика и новейшие технологии. – 2012. – Т.34, №10. – С.1397-1410. 3. Педун Д.Е. Частичное плавление и высокотемпературная структурная сверхпластичность сплава АМг2М / Д.Е. Педун, В.П. Пойда, В.В. Брюховецкий, А.В. Пойда, Р.В. Сухов // Вопросы атомной науки и техники. – 2013. – №5(8), серия «Физика радиационных повреждений и радиационное материаловедение». – С.147-153. 4. Пойда В.П. Структурные изменения в ходе сверхпластической деформации высокопрочного сплава 1933 системы Al-Mg-Zn-Cu-Zr / В.П. Пойда, Д.Е. Педун, В.В. Брюховецкий, А.В. Пойда, Р.В. Сухов, А.Л. Самсоник, В.В. Литвиненко // Физика металлов и металловедение. – 2013. – Т.114, №9. – С.848-858. 5. Пойда В.П. Влияние магния на фазовые превращения и структурные изменения, осуществляющиеся в ходе сверхпластической деформации сплава 01420Т / В.П. Пойда, Д.Е. Милая, А.В. Пойда, В.В. Брюховецкий, Р.В. Сухов // Вопросы атомной науки и техники. Серия «Физика радиационных повреждений и радиационное материаловедение». – 2014. – № 4 (92). – С.139-146. 6. Пойда А.В. Частичное плавление и механизмы образования и развития волокнистых структур в ходе сверхпластической деформации сплава 6111 / А.В. Пойда, В.П. Пойда, В.В. Брюховецкий, Д.Е. Милая, Р.В. Сухов // Вопросы атомной науки и техники. - 2016. - №2 (102). - С.107-113. 7. Вплив розміру зерна і структурного стану меж зерен на параметри надпластичності алюмінійового стопу Al–Zn–Mg–Cu–Zr / А.В. Пойда, В.П. Пойда**,** В.В. Брюховецький, Д. Є.Мила, А. В. Завдовєєв // Металлофиз. новейшие технол. / Metallofiz. Noveishie Tekhnol. - 2017, т. 39, №10. - С. 1345–1362. 8. Superplastic behavior of 1933 aluminum alloy with bimodal structure at elevated temperatures / V.V. Bryukhovetsky, A.V. Poyda, V.P. Poyda, D.E. Milaya // Вопросы атомной науки и техники, серия «Физика радиационных повреждений и радиационное материаловедение». - 2018. - №2(114). - P. 94-102.		
Фізичний	Експери-ментальної фізики	Дукаров Сергій Валенти-нович	19	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 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 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 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 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 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 7. 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 8. 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 9. 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. 10. 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 11. 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 12. Wetting of Nickel Films of Variable Thickness by Island Lead Condensates Proceedings of the 2017 Ieee 7th International Conference Nanomaterials: Application & Properties (Nap). 2017 13. 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 14. 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 15. 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 16. 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. 17. Formation and thermal stability of liquid phase in layered film systems Vacuum Volume: 122 Pages: 208-214. 2015 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 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		
Фізичний	Експери-ментальної фізики	Сухов Володимир Микола-йович	22	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 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 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 4. Effective Microwave Electromagnetic Response of the Infinite Chain of Dielectric Coated Circular Metal Cylinders UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520158, c. 214-217. 2018. 5. The Quasi-Fractal Microstrip Antenna UWBUSIS 2018 - 2018 9th International Conference on Ultrawideband and Ultrashort Impulse Signals, Proceedings 8520158, c. 214-217. 2018. 6. Ferromagnetic resonance in the complex of Fe3 O4 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 7. 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 8. 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. 9. 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 10. 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 11. 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 12. 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 13. 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 14. 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. 15. Formation and thermal stability of liquid phase in layered film systems Vacuum Volume: 122 Pages: 208-214. 2015 16. Inner Size Effect in the Polycrystalline Metal Films of Fusible Metals Journal of Nano- and Electronic Physics Volume: 7 Issue: 2. P. 02033. 2015 17. 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 18. Hybrid metal-dielectric structure based on inverted dielectric waveguide CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6959496, c. 495-496 19. Re-adjusting disk microstrip antenna CriMiCo 2014 - 2014 24th International Crimean Conference Microwave and		

				Telecommunication Technology, Conference Proceedings 6959495, c. 493-494 20. Multiresonator microstrip antenna CriMiCo 2013 - 2013 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6652980, c. 616-617 21. Waves diffraction in coaxial waveguide with slots in the inner conductor 2012 6th International Conference on Ultrawideband and Ultrashort Impulse Signals, UWBUSIS 2012 - Conference Proceedings 6379815, c. 312-314 22. 22. The radiating unit based on hybrid metal-dielectric structure with bounded sequence of transverse slots CriMiCo 2012 - 2012 22nd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6336046, c. 435-436		
Фізичний	Експери-ментальної фізики	Петрушенко Сергій Іванович	19	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 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 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 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 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 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 7. Ferromagnetic resonance in the complex of Fe3 O4 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 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 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 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. 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 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 13. Supercooling during the crystallization of in and Sn in copper and molybdenum based multilayer films Proceedings of the 2017 Ieee 7th International Conference Nanomaterials: Application & Properties (Nap). **2017** 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 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 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 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**. 18. Formation and thermal stability of liquid phase in layered film systems Vacuum Volume: 122 Pages: 208-214. **2015** 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** 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**		
Фізичний	Експери-ментальної фізики	Самсонік Олександр Лукич	6	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 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** 3 Conductivity of YBCO ceramics in a wide range of temperatures and hafnium impurities concentrations 4 Functional Materials Volume: 23 Issue: 1 Pages: 21-26. **2016**. DOI: 10.15407/fm23.01.021 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** 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**		
Фізичний	Кафедра фізики твердого тіла	Зиман Золтан Золтанович	6	**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), с. 5-11 **2)** Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 Materialwissenschaft und Werkstofftechnik 44(2-3), с. 259-263 **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, с. 190-196 **4)** 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 **5)** 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 **6)** 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		
Фізичний	Кафедра фізики твердого тіла	Бадіян Євген Юхимович	6	**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 **2)** Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation. 2015Functional Materials 22(3), с. 396-401 **3)** Plastic rotations in polycrystalline aluminium foils. 2015 Metallofizika i Noveishie Tekhnologii 37(7), с. 951-960 **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 **5)** Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation. 2016 Functional Materials 23(4), с. 561-569 **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		
Фізичний	Кафедра фізики твердого тіла	Рохмістров Дмитро Володи-мирович	8	**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), с. 5-11 **2)** Study of structure of calcium phosphate materials by means of electron spin resonance. 2012 Applied Radiation and Isotopes 70(11), с. 2621-2626 **3)** Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 Materialwissenschaft und Werkstofftechnik 44(2-3), с. 259-263 **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, с. 190-196 **5)** 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		

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Фізичний	Кафедра фізики твердого тіла	Ткаченко Микола Васильович	8	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), c. 962-967 2) Electrophysical properties of nanosyructured materials used in medicine as implants. 2013 CriMiCo 2013 - 23rd International Crimean Conference Microwave and Telecommunication Technology, Conference Proceedings 6652659, c. 1065-1066 3) Synthesis and study of the new class of magnetic bioceramics for biomedical applications: Mossbauer studies. 2014 Solid State Phenomena 215, c. 480-488 4) Polyfunctional bioceramics based on calcium phosphate and M-type hexagonal ferrite for medical applications. 2014 Technical Physics Letters 40(1), c. 4-6 5) Formation of a sodium bicarbonate cluster in the structure of sodium-substituted hydroxyapatite. 2015 Physics of the Solid State 57(2), c. 407-411 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), c. 1029-1034 7) Synthesis and properties of hybrid hydroxyapatite–ferrite (Fe_3O_4) particles for hyperthermia pplications. 2016 Physics of the Solid State 58(4), c. 763-770 8) Aging of ceramic carbonized hydroxyapatite at room temperature. 2016 Physics of the Solid State 58(8), c. 1552-1559		
Фізичний	Кафедра фізики твердого тіла	Гончаренко Антон Володи-мирович	5	1) Calcium phosphate ceramics with sodium-rich calcium phosphate phases at the surface. 2013 Materialwissenschaft und Werkstofftechnik 44(2-3), c. 259-263 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, c. 190-196 3) 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 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 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, c. 117-122		
Фізичний	Кафедра фізики твердого тіла	Шурінов Роман Володи-мирович	6	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 2) Investigation of origination and development of the surface deformation relief of crystalline materials by laser radiation. 2015Functional Materials 22(3), c. 396-401 3) Plastic rotations in polycrystalline aluminium foils. 2015 Metallofizika i Noveishie Tekhnologii 37(7), c. 951-960 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 5) Substructure and orientation heterogeneity of polycrystalline aluminum and its changes during plastic deformation. 2016 Functional Materials 23(4), c. 561-569 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		
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Фізичний	Кафедра фізики низьких температур	Вовк Руслан Володи-мирович	122	1. Magneto-resistance and intrinsic pinning of vortices in the untwined YBa2Cu3O7–δ single crystals with a small deviation from the oxygen stoichometry // Acta Physica Polonica A Vol.121 (2012) №5-6 p.1191-1194. 2. Compression changes of the electrical resistance and of the critical temperature in Nb1-xSe2Snx single crystals. // Acta Physica Polonica A Vol.122 (2012) №1 p.1111-1113. 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. 4. Oxygen self-diffusion in apatites // Chemical Monthly (2012) –V.143. –P.345-353. DOI 10.1007/s00706-011-0696-y REVIEW. 5. Relaxation of the normal electrical resistivity induced by high-pressure in strongly underdoped YBa2Cu3O7-δ single crystals. Physica B 407 (2012) – 4470-4472. 6. Localization effect and pseudo-gap in praseodymium doped Y1-zPrzBa2Cu3O7-δ single crystals // Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics. -2012. -V.26 Issue: 25. – 1250163. 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 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 9. Эволюция нормального электросопротивления монокристаллов YBa2Cu3O7-δ с δ≈0.45 в процессе приложения высокого гидростатического давления // ФНТ. (2012) Т.38, № 3, с. 323–326. 10. Влияние структурной релаксации на температурную зависимость псевдощели в монокристаллах YBa2Cu3O7–δ с различным содержанием кислорода // ФТВД, т.22,№2 (2012) с.88-94. 11. Anisotropy of magnetoresistance in untwinned YBa2Cu3O7-δ single crystals // Functional Materials 19, №2 (2012) p. 157-162. 12. Evolution of normal electrical resistance in oxygen underdoped Ho1Ba2Cu3O7-δ single crystals in the process of application-removal of high hydrostatic pressure. // Functional Materials 19, №4 (2012) p. 452-458. 13. Metal-to-insulator transition in Y1-xPrxBa2Cu3O7-δ single crystals with various praseodymium content // Physica C 485 (2013) p. 89-91 http://dx.doi.org/10.1016/j.physc.2012.09.017. 14. Effect of Praseodymium Concentration on the Excess Conductivity Near the Critical Temperature of Y1-xPrxBa2Cu3O7-δ Single Crystals //Journal of Low Temperature Physics (2013) Volume 170, Issue 3-4, pp 216-222 170:216-222 DOI 10.1007/s10909-012-0755-8 15. Temperature dependence of the pseudogap in Y1−zPrzBa2Cu3O7−δ single crystals // Journal of Materials Science: Materials in Electronics (2013) Volume 24, Issue 4, pp 1146-1149 DOI 10.1007/s10854-012-0897-0. 16. Metal-insulator transition and the temperature of the pseudogap anomaly opening in praseodymium doped Y1-zPrzBa2Cu3O7-δ single crystals // Modern Physics Letters B (MPLB) Condensed Matter Physics; Statistical Physics and Applied Physics. -2013. -V.27 Issue: 4. – 1350029. 17. Evolution of the metal–insulator transition in oxygen nonstoichiometric YBa2Cu3O7−δ single crystals under pressure // Journal of Materials Science: Materials in Electronics August 2013, Volume 24, Issue 8, pp 3132-3135 10.1007/s10854-013-1221-3. 18. Effect of high pressure on the electrical resistivity of optimally doped YBa2Cu3O7−δ single crystals with unidirectional planar defects // Physica B: Condensed Matter Available online 25 April 2013 http://dx.doi.org/10.1016/j.physb.2013.04.032, Volume 422, 1 August 2013, Pages 33–35. 19. C-axis hopping conductivity in heavily Pr-doped YBCO single crystals // Supercond. Sci. Technol. 26 (2013) 085017.		

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Фізичний	Кафедра фізики низьких температур	Білецький Володимир Іванович	6	1. Electrophysical properties of nanoporous cerium dioxide–water system // MSME Jan. 2017, Vol. 28, Issue 2, pp 2157–2159, DOI 10.1007/s10854-016-5780-y. 2. Влияние высокого давления на сверхпроводящий переход интеркалированных дейтерием монокристаллов 2H-NbSe2 // ФНТ, том 41, №7, с.660-663 (2015). 3. Postsynthesis Treatment Influence on Hydrogen Sorption Properties of Carbon Nanotubes. Chapter 7 – In: Hydrogen Storage. Edited by Jianjun Liu, ISBN 978-953-51-0731-6, Hard cover, 266 pages, Publisher: InTech, Published: September 05, 2012 under CC BY 3.0 license .DOI: 10.5772/3207 4. Electro- and Heat Transfer in $Cd_{0.22}Hg_{0.78}Te$ Single Crystals in the Temperature Range of Their Practical Applications. J Low Temp Phys (2018) 190:39–44, https://doi.org/10.1007/s10909-017-1810-2 5. Enhanced oxygen diffusion in nanostructured ceria. J Mater Sci: Mater Electron , V. 29, N 6 (2018), 29:4743-4748, DOI 10.1007/s10854-017-8430-0 6. Suppression of vortex lattice melting in YBCO via irradiation with fast electrons Journal of Materials Science: Materials in Electronics https://doi.org/10.1007/s10854-019-00978-x		
Фізичний	Кафедра фізики низьких температур	Гриб Олександр Микола-йович	11	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		

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Фізичний	Кафедра фізики низьких температур	Кислиця Максим Валерійович	6	1. Charge and heat transfer of the $Ti_3 AlC_2$ MAX phase. 2018 Journal of Materials Science: Materials in Electronics, 29(13), с. 11478-11481 2. Electrical and thermal conductivity of the $Ti_3 AlC_2$ MAX phase at low temperatures. 2018 Low Temperature Physics, 44(5), с. 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), с. 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), с. 43-47 5. Ceramic cutting tools out of nanostructured refractory compounds 2017 International Journal of Refractory Metals and Hard Materials, 68, с. 142-144 6. Effect of high pressure on conductivity in the basal plane of $Y_{1-x} Pr_x Ba_2 Cu_3 0_{7-\delta}$ single crystals lightly doped of praseodymium 2015 Functional Materials, 22(1), с. 5-13 2		
Фізичний	Кафедра фізичної оптики	Галунов Микола Захарович	28	1. Andryushchenko, A.Y., Belikov, K.N., Galunov, N.Z., Martynenko, E.V., Lazarev, I.V., Polupan, Y.I., Tarasenko, O.A. Method of obtaining an organic polycrystalline scintillator for detecting beta-radionuclide sources in natural waters (2018) Functional Materials, 25 (4), pp. 795-801. 2. Boyarintsev, A.Y., Galunov, N.Z., Levchuk, L.G., Martynenko, E.V., Nepokupnaya, T.A., Onufriyev, Y.D., Popov, V.F., Voloshyna, O.V. Radiation resistance of composite scintillators containing grains of Y2SiO5: Ce or Y3Al5O12: Ce obtained by solid-phase synthesis 3. (2018) Functional Materials, 25 (1), pp. 6-12. 4. Galunov, N.Z., Gorbacheva, T.E., Grinyov, B.V., Karavaeva, N.L., Khabuseva, S.U., Krech, A.V., Levchuk, L.G., Litvinov, L.A., Popov, V.F., Sorokin, P.V. Radiation resistant composite scintillators based on Al2O3:Ti grains and their properties after irradiation (2017) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 866, pp. 104-110. 5. Krech, A.V., Galunov, N.Z. Composite scintillators and some features of their radiation resistance (2017) Ukrainian Journal of Physics, 62 (7), pp. 569-582. 6. Galunov, N.Z., Karavaeva, N.L., Tarasenko, O.A.Crystalline and composite scintillators for fast and thermal neutron detection (2017) Springer Proceedings in Physics, 200, pp. 195-208. 7. Boyarintsev, A.Y., Galunov, N.Z., Gerasymov, I.V., Karavaeva, N.L., Krech, A.V., Levchuk, L.G., Popov, V.F., Sidletskiy, O.T., Sorokin, P.V., Tarasenko, O.A. Radiation-resistant composite scintillators based on GSO and GPS grains (2017) Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 841, pp. 124-129. 8. Galunov, N.Z., Gerasymov, I.V., Gorbacheva, T.E., Grinyov, B.V., Karavaeva, N.L., Khabuseva, S.U., Krech, A.V., Levchuk, L.G., Martynenko, E.V., Popov, V.F., Sidletskiy, O.T., Sorokin, P.V., Tarasenko, O.A. Composite scintillators		

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Фізичний	Кафедра фізичної оптики	Агєєв Леонід Опанасович	5	1. Photoinduced diffraction grating in AgCI-Ag film on surface of silicone gel composition SYLGARD-184 // Functional Materials 23(1), pp. 127-131 (2016) 2. Plasmon resonance, periodical structures and absorption spectra induced by laser beam in composite waveguide AgCl-Ag films // Proceedings of the International Conference on Advanced Optoelectronics and Lasers, CAOL 6657594, pp. 243-244 (2013) 3. Photoinduced transformations in a thin-film waveguide AgCl-Ag composition under a green (532 nm) laser beam // Optics and Spectroscopy 115(6), pp. 843-847 (2013) 4. Periodic Structures Formed by Ag Nanoparticles in AgCl-Ag Film Waveguides Exposed to Violet Laser Light // Journal of Applied Spectroscopy 80(3), pp. 389-394 (2013) 5. Periodical structures, absorption spectra and dichroism induced by laser radiation in composite AgCI-Ag film // Functional Materials 20(3), pp. 345-350 (2013)		
Фізичний	Кафедра фізичної оптики	Юнакова Ольга Миколаївна	13	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) 2. Effect of iodine impurity on the absorption spectrum and phase ransitions in CsPbCl3 thin films // Functional Materials 25(2), pp. 218-224 (2018) 3. Absorption spectrum of thin films of KPb2 (Cl1-xBrx)5 solid solutions //Low Temperature Physics 43(10), pp. 1222-1225 (2017) 4. The exciton absorption spectrum of thin CuPb3 Br7 superionic conductor films // Low Temperature Physics 42(9), pp. 768-771 (2016) 5. Exciton absorption spectra of KPb2Br5 thin films // Functional Materials 23(4), pp. 570-575 (2016) 6. Absorption spectrum of KPb2 Cl5 thin films // Low Temperature Physics 41(8), pp. 645-648 (2015) 7. Exciton absorption spectrum of Cs4PbCI6 thin films // Functional Materials 22(2), pp. 175-180 (2015) 8. The exciton absorption spectrum of KPbI3 thin films // Optics and Spectroscopy 116(1), pp. 68-71 (2014) 9. Influence of impurities on the absorption spectrum of thin Cs4 Pbl6 films // Functional Materials 21(3), pp. 313-317 (2014) 10. The effect of structural phase transition of exciton absorption spectrum of thin CsPbCl3 films // Fizika Nizkikh Temperatur 40(8), pp. 888-892 (2014) 11. Exciton absorption spectrum of thin (KI)1-x (PbI2)x films // Functional Materials 20(1), pp. 59-63 (2013) 12. The absorption spectra of thin films of ternary compounds in the RbI-PbI2 system // Low Temperature Physics 38(10), pp. 943-947 (2012) 13. Exciton absorption spectrum of thin CsPbI 3 and Cs 4 PbI 6 films // Optics and Spectroscopy 112(1), pp. 91-96 (2012)		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Єзерська Олена Володимирівна	12	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 2. Чарановский В.О., Езерская Е.В., Кравченко А.А. О спектре *t-j* модели на деформированной решетке «лестница-ожерелье» // ФНТ. – 2012. – Т. 38, № 6. – С. 606-615. 3. Cheranovskii V.O., Ezerskaya E.V. U= ∞ Hubbard model for 1D frustrated magnets // Croatica Chemica Acta. - 2013. -86(4), с. 431-434 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 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 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		

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Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Рашба Георгій Ілліч	9	1. Ermolaev A.M., Rashba G.I.,Solyanik M.A. Magnetoplasma waves on the surface of a semiconductor nanotube with a superlattice// Low Temperature Physics. – 2012. -38(6), c. 511-516 2. . Ermolaev A.M., Rashba G.I.,Solyanik M.A.Spin waves on the surface of a semiconductor nanotube with a superlattice // Low Temperature Physics. – 2012. -38(10), c. 957-961 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 // Handbook of Functional Nanomaterials4, c. 215-246 (2013) 4.Ермолаев А.М. Магнитоплазменные волны на поверхности полупроводниковой нанотрубки со сверхрешеткой / А.М. Ермолаев, Г.И. Рашба, М.А. Соляник // ФНТ. – 2012.– Т. 38, №6. .– С. 653–659. 5. Ермолаев А.М. Спиновые волны на поверхности полупроводниковой нанотрубки со сверхрешеткой / А.М. Ермолаев, Г.И. Рашба, М.А. Соляник // ФНТ. – 2012.– Т. 38, №10.– С. 1209–1215. 6. А.М. Ермолаев, Г.И. Рашба К теории спиновых волн на поверхности нанотрубки со сверхрешеткой в магнитном поле // ФТТ.-т. 56.-2014.- СС. 1642-1644. 7. A.M. Ermolaev, G.I. Rashba Electron gas high-frequency conductivity on the surface of a nanotube with superlattice in magnetic field // Physica B, v. 451, (2014), pp. 20-25 8. A.M. Ermolaev, G.I. Rashba To the theory of plasma waves on the surface of nanotube with superlattice // Solid State Communications.- v. 192, pp. 79-81 (2014) 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 // Physics of the Solid State, 56(8), c. 1696-1699		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Шкловський Валерій Олексан-дрович	14	1. Shklovskij V.A., Seo J.K. Guided vortex motion and ratchet effect in an anisotropic superconductor with a periodic pinning potential// Low Temperature Physics. – 2015.-40(12), c. 1048-1057 2. Dobrovolskiy O.V., Huth M., Shklovskij V.A. Alternating current-driven microwave loss modulation in a fluxonic metamaterial– 2015 Applied Physics Letters 107(16),162603 3. А.И. Безуглый, В.А. Шкловский Колебания неизотермической N/S границы с высокой частотой и большой амплитудой // ФНТ.- 2016.-т. 42, № 10.- СС. 1154-1166 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) // ФНТ.- 2016.-т. 42, № 8.-СС. 809-840 5. O. V. Dobrovolskiy, M. Hanefeld, M. Z¨orb, M. Huth, and V. A. Shklovskij Interplay of flux guiding and Hall effect in Nb films with nanogrooves // Supercond. Sci. Technol., v. 29, N 6, 065009–1-7 (2016) 6. O. V. Dobrovolskiy, M. Huth, V. A. Shklovskij and R.V.Vovk Mobile fluxons as coherent probes of periodic pinning in superconductors // Scientific Reports **7**, Article number: 13740(2017) doi:10.1038/s41598-017-14232-z 7. V. A. Shklovskij Pinning effects on hot-electron vortex flow instability in superconducting films // Physica C: Superconductivity and its applications 538, (2017), PP. 20–26 8. Oleksandr V Dobrovolskiy1, Valerij A Shklovskij, Marc Hanefeld et al Pinning effects on flux flow instability in epitaxial Nb thin films Supercond // Sci. Technol. 30 (2017) 085002 (7pp) 9. Valerij A. Shklovskij, Anastasiia P. Nazipova, and Oleksandr V. Dobrovolskiy, Pinning effects on self-heating and flux-		

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Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Бойко Юрій Іванович	15	1. Enhanced oxygen diffusion in nano-structured ceria Открытый доступ Boyko, 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 2. Thermal and crack resistance of ceramics based on the MAX phase Ti3 AlC2 Boyko, Y.I., Bogdanov, V.V., Vovk, R.V., (...), Korshak, V.F., Prikhna, T.A. 2018 Functional Materials 25(4), c. 708-712 3. Electrophysical properties of nanoporous cerium dioxide–water system Открытый доступ Biletskyi, V.I., Bogdanov, V.V., Boyko, Y.I., (...), Goulatis, I.L., Chroneos, A.I. 2017 Journal of Materials Science: Materials in Electronics 28(2), c. 2157-2159 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 Functional Materials 23(2), c. 202-205 5. Surface structural relaxation and plasticity of nanocrystals Boyko, Y.I., Korshak, V.F. 2015Problems of Atomic Science and Technology 99(5), c. 77-80 6. Contact relaxation phenomena in nano-structured composite materials Boyko, Y.I., Volosyuk, M.A., Volosyuk, A.V., Rokhmanov, N.Y. 2015 Functional Materials 22(2), c. 162-168 7. Mechanism of contact formation between squeezed crystalline solids Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2013 Problems of Atomic Science and Technology 87(5), c. 163-167 8. Kinetics for dislocation structure formation in contact area of squeezed crystalline solids Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2013 Functional Materials 20(1), c. 44-51 9. Formation mechanisms and geometry of the crack assemble formed under uniaxial cyclic compression of NaCl single crystals Boyko, Y.I., Volosyuk, M.A, Kononenko, V.G 2012 Functional Materials 19(4), c. 464-472 10. Formation mechanisms and geometry of the crack assemble formed under uniaxial cyclic compression of NaCL single crystals Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2012 Functional Materials 19(4), c. 558-560 11. Mechanisms of microvoid formation: Within KCI single crystals in the pulse energy: Release area of laser focused radiation Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2012 Functional Materials 19(3), c. 289-296 12. Spectroscopically detected segregation of Pr3+ions in YP04 :Pr3+nanocrystals Seminko, V.V., Maksimchuk, P.O., Kononets, N.V., (...), Boyko, Y.I., Malyukin, Y.V. 2012Functional Materials 19(3), c. 309-312 13. Influence of surface segregation on the luminescence properties of doped YVO 4 nanocrystals Seminko, V.V., Masalov, A.A., Boyko, Y.I., Malyukin, Y.V. 2012 Optical Materials 4(12), c. 1998-2001 14. SStrong segregation of doped ions in Y 2 SiO 5 :Pr 3 nanocrystals Seminko, V.V., Masalov, A.A., Boyko, Y.I., Malyukin, Y.V. 2012 Journal of Luminescence Seminko, V.V., Masalov, A.A., Boyko, Yu.I., Malyukin, Yu.V. 2012 Journal of Luminescence 132(9), c. 2443-2446 15. Dislocation-diffusion mechanism of high-temperature healing of the cracks in crystals under loading Boyko, Y.I., Volosyuk, M.A., Kononenko, V.G. 2012 Functional Materials 19(2), c. 245-250		
Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Богданов Валерій Віталійович	17	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 YBa2 Cu3 O7-x https://www.scopus.com/authid/detail.uri?origin=AuthorProfile&authorId=57201587313&zone=2018 Fizika Nizkikh Temperatur 44(4), c. 455-458 2. Some peculiarities of labile oxygen kinetics in underdoped single crystals of YBa2 Cu3 O7- x Boiko, Y.I., Bogdanov, V.V., Vovk, R.V., Khadzhai, G.Y. 2018 Low Temperature Physics 44(4), c. 346-348		

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Фізичний	Кафедра теоретичної фізики імені академіка І.М. Ліфшиця	Нацик Василь Дмитрович	20	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 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 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 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 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 Low Temperature Physics 42(3), c. 207-218 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 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 8. Dislocations and crowdions in two-dimensional crystals. II. Elastic fields and intrinsic energies in a 2D		

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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	1. EAST EUROPEAN JOURNAL OF PHYSICS DOI: 10.26565/2312-4334 2015 - 2019 2. VISNYK OF V. N. KARAZIN KHARKIV NATIONAL UNIVERSITY - SERIES GEOLOGY GEOGRAPHY ECOLOGY DOI: 10.26565/2410-7360 2015–2019 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
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 П19

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., Криськів 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.
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411	2017 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

1а	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 % кращих серед учасників відповідного іспиту протягом звітного періоду, але не більше трьох останніх років (стосується здобувачів вищої освіти, для яких передбачається складення 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, ІІ етапі Всеукраїнської студентської олімпіади, ІІ етапі Всеукраїнського конкурсу студентських наукових робіт, інших освітньо-наукових конкурсах, які проводяться або визнані МОН, міжнародних та всеукраїнських культурно-мистецьких проектах, які проводяться П3*100/П1 7 або визнані Мінкультури, на Олімпійських, Паралімпійських, Дефлімпійських іграх, Всесвітній та Всеукраїнській універсіадах, чемпіонатах світу, Європи, Європейських іграх, етапах	2,04

	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	
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 зі 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, приведене 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, із 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, зареєстрованих закладом вищої освіти та/або зареєстрованих (створених) його науково-педагогічними та науковими працівниками, які працюють у ньому на постійній основі за звітний період, приведена до 100 науково-педагогічних і наукових працівників, котрі 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	0

	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	