

Перечень рейтинговых журналов, в которых опубликованы работы авторов НАН Беларуси в 2018 г.
(БД Web of Science Core Collection, данные на 29.07.2019 г.)

№ п/п	ИФ (2018)	Название журнала	Название публикации	Авторы	Место работы автора	Организации соавторы	Область исследований
1.	23.239	EUROPEAN HEART JOURNAL	Genetic, enzyme and morphological features, characterizing the development of ischemic heart disease in patients with type 2 diabetes	Konstantonova E.	Natl Acad Sci, Inst Heat & Mass Transfer, Minsk, Belarus	1. Belarusian State Med Univ, Minsk, Belarus 2. Ctr Hyg, Minsk, Belarus	Cardiovascular System & Cardiology
2.	23.239	EUROPEAN HEART JOURNAL	Outcomes of dilated cardiomyopathy in Lamin A/C mutation carriers	Sivitskaya L. N.; Danilenko N. G.; Levdanskiy O. G.; Davydenko O. G.	Natl Acad Sci, Inst Genet & Cytol, Minsk, Belarus	Republican Sci & Pract Ctr Cardiol, Minsk, Belarus	Cardiovascular System & Cardiology
3.	23.239	EUROPEAN HEART JOURNAL	Risk stratification for LMNA-associated dilative cardiomyopathy	Sivitskaya, L. N.; Danilenko, N. G.; Davydenko, O. G.	Natl Acad Sci, Inst Genet & Cytol, Minsk, Belarus	Republican Sci & Pract Ctr Cardiol, Minsk, Belarus	Cardiovascular System & Cardiology
4.	15.873	LANCET	The gendered	Kolesnikova	Natl Acad Sci,	8 организаций	Public,

		GLOBAL HEALTH	effects of foreign investment and prolonged state ownership on mortality in Hungary: an indirect demographic, retrospective cohort study	Irina	Inst Econ, Minsk, Belarus		Environmental & Occupational Health
5.	14.299	ANNALS OF THE RHEUMATIC DISEASES	Allele and genotype frequency of some gene polymorphisms differs in various juvenile idiopathic arthritis subtypes	Yatskiu H. A.; Nikitchenko N. V.; Savina N. V.; Kuzhir T. D.; Goncharova R. I.	NAS Belarus, Inst Cytol & Genet, Minsk, Belarus	1. Belarusian State Med Univ, Minsk, Belarus 2. 4th City Childrens Clin Hosp, Minsk, Belarus 3. Gomel Reg Childrens Clin Hosp, Gomel, Belarus 4. Grodno Reg Childrens Clin Hosp, Grodno, Belarus	Rheumatology
6.	14.028	GENOME BIOLOGY	Genes reveal traces of common recent demographic history for most of the Uralic-speaking populations	Kushniarevich Alena	1. Natl Acad Sci Belarus, Inst Genet & Cytol, Minsk, Belarus 2. Univ Tartu, Estonian Bioctr, Inst Genom, Tartu, Estonia	25 организаций	Biotechnology & Applied Microbiology; Genetics & Heredity

7.	13.965	EUROPEAN JOURNAL OF HEART FAILURE	Influence of candesartan cilexetil and resveratrol on changes in the number of stem cells, cytogenetic and cytokinetic parameters of bone marrow of mice	Beliayeva A.	Natl Acad Sci, Inst Bioorgan Chem, Minsk, Belarus	-	Cardiovascular System & Cardiology
8.	13.965	EUROPEAN JOURNAL OF HEART FAILURE	heart failure connected death in hypertrophic cardiomyopathy: clinical phenotype and mutation range	Komissarova S.; Zakharava E.	NAS, Inst Genet & Cytol, Minsk, Belarus	Republican Sci & Pract Ctr Cardiol, Minsk, Belarus	Cardiovascular System & Cardiology
9.	13.965	EUROPEAN JOURNAL OF HEART FAILURE	Multi-parameter approach to risk stratification of sudden cardiac death for family dilated cardiomyopathy	Sivitskaya L. N.; Danilenko N. G.; Levdanskiy O. G.; Davydenko, O. G.	Natl Acad Sci, Inst Genet & Cytol, Minsk, Belarus	Republican Sci & Pract Ctr Cardiol, Minsk, Belarus	Cardiovascular System & Cardiology
10.	12.279	NANO LETTERS	Surface Plasmon-Mediated Nanoscale Localization of Laser-Driven sub-Terahertz Spin	Stognij A.I.	NASB, Sci Pract Mat Res Ctr, Minsk, Belarus	1. Moscow MV Lomonosov State Univ, Dept Phys, Moscow, Russia 2. Univ Bialystok, Fac Phys, Bialystok,	Chemistry; Science & Technology - Other Topics; Materials Science;

			Dynamics in Magnetic Dielectrics			Poland 3. Fritz Haber Inst Max Planck Soc, Berlin, Germany 4. Kyushu Univ, Dept Phys, Fukuoka, Japan	Physics
11.	12.154	NATURE CHEMICAL BIOLOGY	FINO2 initiates ferroptosis through GPX4 inactivation and iron oxidation	Fomich, M.A.; Shmanai V.V.	Natl Acad Sci Belarus, Inst Phys Organ Chem, Minsk, Belarus	7 организаций	Biochemistry & Molecular Biology
12.	9.924	AMERICAN JOURNAL OF HUMAN GENETICS	The Genetic Ancestry of Modern Indus Valley Populations from Northwest India	Kushniarevich Alena	1. Natl Acad Sci Belarus, Inst Genet & Cytol, Minsk, Belarus 2. Univ Tartu, Estonian Bioctr, Inst Genom, Tartu, Estonia	9 организаций	Genetics & Heredity
13.	8.355	CHEMICAL ENGINEERING JOURNAL	Eu modified Cu ₂ O thin films: Significant enhancement in efficiency of photoelectrochemical processes through suppression of charge carrier recombination	Kulak A.I.	Natl Acad Sci Belarus, Inst Gen & Inorgan Chem, Minsk, Belarus	7 организаций	Engineering
14.	7.149	ENVIRON	Impact of	Nagorskaya L.;	Natl Acad Sci	6 организаций	Engineering;

		MENTAL SCIENCE & TECHNOLOGY	Environmental Radiation on the Health and Reproductive Status of Fish from Chernobyl	Leshchenko A.; Rizewski V.	Belarus, Appl Sci Ctr Bioresources, Minsk, Belarus		Environmental Sciences & Ecology
15.	7.113	DIABETOLOGIA	Elastic and adhesive properties of erythrocyte and platelet membranes in patients with type 2 diabetes	Melnikova G.; Konstantinova, E.; Tolstaya T.; Petrovskaya A.	Natl Acad Sci Belants, AV Luikov Heat & Mass Transfer Inst, Minsk, Belarus	1. City Endocrinol Dispensary, Minsk, Belarus 2. Belarusian State Med Univ, Minsk, Belarus	Endocrinology & Metabolism
16.	7.015	JOURNAL OF MEMBRANE SCIENCE	Development of high flux ultrafiltration polyphenylsulfone membranes applying the systems with upper and lower critical solution temperatures: Effect of polyethylene glycol molecular weight and coagulation bath temperature	Plisko T. V.; Bilyukevich A.V.; Karslyan Y. A.	Natl Acad Sci Belarus, Inst Phys Organ Chem, Minsk, Belarus	Russian Acad Sci, AV Topchiev Inst Petrochem Synth, Moscow, Russia	Engineering; Polymer Science
17.	7.015	JOURNAL OF	Fabrication and characterization of	Plisko T. V.; Liubimova A.	1. Natl Acad Sci Belarus, Inst Phys	1. St Petersburg State Univ, St Petersburg,	Engineering; Polymer

		MEMBRAN E SCIENCE	polyamide- fullerenol thin film nanocomposite hollow fiber membranes with enhanced antifouling performance	S.; Bildyukevich A.V.;; Melnikova, GB	Organ Chem, Minsk, Belarus 2. Natl Acad Sci Belarus, AV Luikov Heat & Mass Transfer Inst, Minsk, Belarus	Russia 2. Joint Inst Nucl Res, Dubna, Russia	Science
18.	6.164	CHEMICAL COMMUNI CATIONS	Stereoselective synthesis of alpha- methyl and alpha- alkyl ketones from esters and alkenes via cyclopropanol intermediates	Barysevich M. V.;; Kazlova V. V.;; Kukel A. G.;; Liubina A. I.;; Hurski A. L.;; Zhabinskii V. N.;; Khripach V.A.	Natl Acad Sci Belarus, Inst Bioorgan Chem, Minsk, Belarus	-	Chemistry
19.	5.657	FREE RADICAL BIOLOGY AND MEDICINE	Regulation of astrocytes functions by hypochlorous acid	Kvacheva Z.	NAS Belarus, Inst Biophys & Cell Engn, Minsk, Belarus	Belarusian State Univ, Minsk, Belarus	Biochemistry & Molecular Biology; Endocrinology & Metabolism
20.	5.589	SCIENCE OF THE TOTAL ENVIRON MENT	Reproduction in the freshwater crustacean Asellus aquaticus along a gradient of	Nagorskaya L.L.	Natl Acad Sci Belarus, Appl Sci Ctr Bioresources, Minsk, Belarus	1. Univ Portsmouth, Inst Marine Sci, Hants, England 2. Univ Portsmouth, Sch Earth &	Environmental Sciences & Ecology

			radionuclide contamination at Chernobyl			Environm Sci, Hants, England 3. Inst Hydrobiol, Dept Freshwater Radioecol, Kiev, Ukraine	
21.	5.589	SCIENCE OF THE TOTAL ENVIRONMENT	A statistical model for predicting the inter-annual variability of birch pollen abundance in Northern and North-Eastern Europe	Shalaboda V.	NAS Belarus, Inst Expt Bot, Minsk, Belarus	9 организаций	Environmental Sciences & Ecology
22.	5.431	WASTE MANAGEMENT	Processing of biomedical waste in plasma gasifier	Mosse A.L.	1. NAS Belarus, AV Luikov Heat & Mass Transfer Inst, Minsk, Belarus 2. al Farabi Kazakh Natl Univ, Plasmatech R&D LLP, Inst Expt & Theoret Phys, Alma Ata, Kazakhstan	1. Combust Problems Inst, Alma Ata, Kazakhstan 2. RAS, SB, Inst Thermophys, Novosibirsk, Russia 3. al Farabi Kazakh Natl Univ, Plasmatech R&D LLP, Inst Expt & Theoret Phys, Alma Ata, Kazakhstan	Engineering; Environmental Sciences & Ecology
23.	5.383	ELECTROCHEMICAL ACTA	Crystal stacking: A route to control photoelectrochemical behavior of	Kulak A. I.	Natl Acad Sci Belarus, Inst Gen & Inorgan Chem, Minsk, Belarus	1. Belarusian State Univ, Minsk, Belarus 2. Vilnius Univ, Inst Photon &	Electrochemist ry

			BiOBr films			Nanotechnol, Vilnius, Lithuania	
24.	5.16	NEUROBIO LOGY OF DISEASE	Seizure-induced reduction in glucose utilization promotes brain hypometabolism during epileptogenesis	Waseem T.	1. Inst Biophys & Cell Engn, Minsk, Belarus 2. Aix Marseille Univ, INSERM, INS UMR S 1, Marseille, France	1. Aix Marseille Univ, INSERM, INS UMR S 1, Marseille, France 2. Russian Acad Sci, Inst Theoret & Expt Biophys, Pushchino, Russia 3. Gladstone Inst Neurol Dis, San Francisco, USA	Neurosciences & Neurology
25.	5.155	APPLIED SURFACE SCIENCE	Interaction Between New Anti-cancer Drug Syndros and CNT(6,6-6) Nanotube for Medical Applications: Geometry Optimization, Molecular Structure, Spectroscopic (NMR, UV/Vis, Excited state), FMO, MEP and HOMO-LUMO	Shahab Siyamak	1. Natl Acad Sci Belarus, Inst Phys Organ Chem, Minsk, Belarus 2. Natl Acad Sci Belarus, Inst Chem New Mat, Minsk, Belarus	1. Islamic Azad Univ, Gorgan Branch, Young Researchers & Elite Club, Gorgan, Iran 2. Int Sakharov Environm Univ, Dept Biochem & Biophys, Minsk, Belarus 3. Islamic Azad Univ, Islamshahr Branch, Dept Chem, Islamshahr, Iran 4. DAV Univ, Dept Chem, Jalandhar , Punjab, India	Chemistry; Materials Science; Physics

			Investigation				
26.	5.155	APPLIED SURFACE SCIENCE	Structure and properties of polyaniline nanocomposite coatings containing gold nanoparticles formed by low-energy electron beam deposition	Chizhik A.	Natl Acad Sci Belarus, AV Luikov Heat & Mass Transfer Inst, Lab Nanoproc & Technol, Minsk, Belarus	<ol style="list-style-type: none"> 1. Nanjing Univ Sci & Technol, Coll Chem Engrn, Int Chinese Belorussian Sci Lab Vacuum Plasma Tec, Nanjing, Jiangsu, Peoples R China 2. Tomsk Polytech Univ, Tomsk, Russia 3. Francisk Skorina Gomel State Univ, Gomel, Belarus 4. Hindustan Coll Sci & Technol, Dept Phys, Mathura, Uttar Pradesh, India 5. Moscow Technol Univ MIREA, Moscow, Russia 	Chemistry; Materials Science; Physics
27.	5.093	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	Necessary and Sufficient Conditions for Assignability of the Lyapunov Spectrum of Discrete Linear Time-Varying	Makarov E. K.	Natl Acad Sci Belarus, Inst Math, Minsk, Belarus	<ol style="list-style-type: none"> 1. Silesian Tech Univ, Inst Automat Control, Gliwice, Poland 2. Udmurt State Univ, Dept Differential Equat, Russia 	Automation & Control Systems; Engineering

			Systems			3. Russian Acad Sci, Inst Math & Mech, Ural Branch, Ekaterinburg, Russia	
28.	5.038	EVOLUTIO NARY APPLICATI ONS	Widespread, long-term admixture between grey wolves and domestic dogs across Eurasia and its implications for the conservation status of hybrids	Sidorovich Vadim E.	Natl Acad Sci Belarus, Inst Zool, Minsk, Belarus	9 организаций	Evolutionary Biology
29.	5.02	CELLULAR ONCOLOG Y	Inositol-C2-PAF acts as a biological response modifier and antagonizes cancer-relevant processes in mammary carcinoma cells	Shmanai Vadim	Natl Acad Sci Belarus, Inst Phys Organ Chem, Minsk, Belarus	1. Charite Univ Med Berlin, Inst Biochem, Berlin, Germany 2. AO Res Inst Davos, Davos, Switzerland 3. Robert Koch Inst Berlin, Berlin, Germany 4. Harvard Sch Publ Hlth, Dept Genet & Complex Dis, Boston, USA 5. Octapharma Biopharmaceut GmbH, Berlin, Germany	Oncology; Cell Biology; Pathology

30.	4.865	JOURNAL OF ENVIRONMENTAL MANAGEMENT	Efficient mercury removal from wastewater by pistachio wood wastes-derived activated carbon prepared by chemical activation using a novel activating agent	Ivanets A.	Natl Acad Sci Belarus, Inst Gen & Inorgan Chem, Minsk, Belarus	10 организаций	Environmental Sciences & Ecology
31.	4.865	JOURNAL OF ENVIRONMENTAL MANAGEMENT	How to reconcile wood production and biodiversity conservation? The Pan-European boreal forest history gradient as an "experiment"	Uhlianets S.	VF Kuprevich Inst Expt Bot, Minsk, Belarus	6 организаций	Environmental Sciences & Ecology
32.	4.85	INORGANIC CHEMISTRY	One-Step Solution Combustion Synthesis of Cobalt Nanopowder in Air Atmosphere: The Fuel Effect	Khort A. Podbolotov K.	1. Natl Acad Sci Belarus, AV Luikov Heat & Mass Transfer Inst, Minsk, Belarus 2. Natl Acad Sci Belarus, Phys Tech Inst, Minsk, Belarus	1. Belarusian State Technol Univ, Dept Glass & Ceram Technol, Minsk, Belarus 2. Trinity Coll Dublin, Dublin 2, Ireland 3. ITMO Univ, St Petersburg, Russia	Chemistry
33.	4.829	COMPOSIT	Preparation and	Smorygo Oleg;	Powder Met Inst,	1. Boreskov Inst	Mechanics;

		E STRUCTURES	characterization of open-cell epoxy foams modified with carbon fibers and aluminum powder	Mikutski Vitali; Marukovich Alexander	Minsk, Belarus	Catalysis, 5 Novosibirsk, Russia 2. Novosibirsk State Univ, Novosibirsk, Russia 3. Natl Inst Aerosp Res & Dev Elie Carafoli, Bucharest, Romania	Materials Science
34.	4.79	CRYOSPHERE	Reflective properties of melt ponds on sea ice	Malinka Aleksey; Zege Eleonora	Natl Acad Sci Belarus, Inst Phys, Minsk, Belarus	1. Univ Bremen, Inst Environm Phys, Bremen, Germany 2. Dartmouth Coll, Thayer Sch Engn, Hanover, USA 3. Engn Res & Dev Ctr, Cold Reg Res & Engn Lab, Hanover, NH USA	Physical Geography; Geology
35.	4.784	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	Role of cationic carbosilane dendrons and metallic core of functionalized gold nanoparticles in their interaction with human serum albumin	Shcharbin Dzmitry; Prakhira Lena; Abashkin Viktor; Dzmitruk Volha; Loznikova Svetlana Serchenya	1. NASB, Inst Biophys & Cell Engn, Minsk, Belarus 2. NASB, Inst	6 зарубежных организаций	Biochemistry & Molecular Biology; Chemistry; Polymer Science

				Tatyana; Shyrochyna, Iryna; Sviridov Oleg	Bioorgan Chem, Minsk, Belarus		
36.	4.784	INTERNAT IONAL JOURNAL OF BIOLOGIC AL MACROMO LECULES	Investigation of O- polysaccharides from bacterial strains of Pseudomonas genus as potential receptors of bacteriophage BIM BV-45	Besarab N.V. Novik G.I.	Natl Acad Sci Belarus, Inst Microbiol, Minsk , Belarus	1. Russian Acad Sci, ND Zelinsky Inst Organ Chem, Russia 2. Russian Acad Sci, Inst Biochem & Physiol Plants & Microorganisms, Saratov, Russia	Biochemistry & Molecular Biology; Chemistry; Polymer Science
37.	4.784	INTERNAT IONAL JOURNAL OF BIOLOGIC AL MACROMO LECULES	Dendronization of gold nanoparticles decreases their effect on human alpha-1- microglobulin	Serchenya Tatyana; Shyrochyna, Iryna; Sviridov Oleg Shcharbin Dzmitry; Terekhova Maria; Prokhira Elena; Dzmitruk Volha	1. NASB, Inst Bioorgan Chem, Minsk, Belarus 2. NASB, Inst Biophys & Cell Engn, Minsk, Belarus	1. Univ Lodz, Fac Biol & Environm Protect, Lodz, Poland 2. Univ Alcala De Henares, Madrid, Spain 3. Networking Res Ctr Bioengn Biomat & Nanomed CIBER, Madrid, Spain	Biochemistry & Molecular Biology; Chemistry; Polymer Science
38.	4.778	NUCLEAR DATA SHEETS	ENDF/B-VIII.0: The 8th Major Release of the	Soukhovitskii E. S.	Joint Inst Energy & Nucl Res, Minsk, Belarus	28 организаций	Physics

			Nuclear Reaction Data Library with CIELO-project Cross Sections, New Standards and Thermal Scattering Data				
39.	4.778	NUCLEAR DATA SHEETS	IAEA CIELO Evaluation of Neutron-induced Reactions on U-235 and U-238 Targets	Soukhovitskii E. S.	Joint Inst Energy & Nucl Res, Nucl Evaluat Lab, Minsk, Belarus	13 организаций	Physics
40.	4.773	PHARMACEUTICS	Dendrimers Show Promise for siRNA and microRNA Therapeutics	Dzmitruk Volha; Ihnatsyeu-Kachan Aliaksei; Abashkin Viktar; Shcharbin Dzmitry	NASB, Inst Biophys & Cell Engn, Minsk, Belarus	1. Inst Chem Biol & Fundamental Med SB RAS, Novosibirsk, Russia 2. Korea Inst Sci & Technol, Ctr Theragnosis, Biomed Res Inst, Seoul, South Korea 3. Univ Lodz, Fac Biol & Environm Protect, Dept Gen Biophys, Lodz, Poland	Pharmacology & Pharmacy
41.	4.716	FRONTIERS IN IMMUNOL	Immuno-Spin Trapping-Based Detection of	Khomich Tamara I.	NAS Belarus, Inst Pharmacol & Biochem,	1. Jagiellonian Univ, JCET, Krakow, Poland	Immunology

		OGY	Oxidative Modifications in Cardiomyocytes and Coronary Endothelium in the Progression of Heart Failure in Tg alpha q*44 Mice		Grodno, Belarus	2. Jagiellonian Univ, Chair Pharmacol, Med Coll, Krakow, Poland	
42.	4.561	JOURNAL OF MOLECULAR LIQUIDS	Flexoelectricity induced spatially modulated phases in ferroics and liquid crystals	Karpinsky Dmitry V.	NAS Belarus, Sci Pract Mat Res Ctr, Minsk, Belarus	6 организаций	Chemistry; Physics
43.	4.532	PHYSICAL REVIEW APPLIED	Synthesis of Quantum Antennas for Shaping Field Correlations	Mikhalychev A.; Mogilevtsev D.; Karuseichyk I.	Belarus Natl Acad Sci, Inst Phys, Minsk, Belarus	1. Tel Aviv Univ, Sch Elect Engn, Tel Aviv, Israel 2. CSEM, Jaquet Droz 1, Neuchatel, Switzerland	Physics
44.	4.495	CHEMCAT CHEM	Acid-modified Halloysite Nanotubes as a Stereoselective Catalyst for Synthesis of 2H-Chromene Derivatives by the Reaction of Isopulegol with Aldehydes	Agabekov Vladimir E.; Sidorenko Alexander Yu.; Kravtsova Anna V.	Natl Acad Sci Belarus, Inst Chem New Mat, Minsk, Belarus	1. Abo Akad Univ, Turku, Finland 2. NICPB, Tallinn, Estonia 3. Russian Acad Sci, Novosibirsk Organ Chem Inst, Siberian Branch, Novosibirsk, Russia	Chemistry

45.	4.398	CLINICAL TOXICOLOGY	Evaluation of the hepatoprotective functions of Schizophillum commune in mice with experimental hepatitis caused by carbon tetrachloride	Puzan Natallia; Kadukova Elena; Chesnyk Ihar	Natl Acad Sci Belarus, Inst Radiobiol, Gomel, Belarus	-	Toxicology
46.	4.368	PHYSICAL REVIEW D	Structure of UV divergences in maximally supersymmetric gauge theories	Tolkachev D. M.	1. Stepanov Inst Phys, Minsk, Belarus 2. Joint Inst Nucl Res, Dubna, Russia 3. Moscow Inst Phys & Technol, Dolgoprudnyi, Russia	1. Joint Inst Nucl Res, Dubna, Russia 2. Moscow Inst Phys & Technol, Dolgoprudnyi, Russia 3. South Fed State Univ, Dept Phys, Rostov Na Donu, Russia	Astronomy & Astrophysics; Physics
47.	4.349	BIOCONJUGATE CHEMISTRY	Novel Cluster and Monomer-Based GalNAc Structures Induce Effective Uptake of siRNAs in Vitro and in Vivo	Ulashchik Egor A; Martynenko-Makaev Yury V.; Shmanai Vadim V.	Natl Acad Sci Belarus, Inst Phys Organ Chem, Minsk, Belarus	1. UMass Med Sch, RNA Therapeut Inst, Worcester, USA 2. UMass Med Sch, Dept Biochem & Mol Pharmacol, Worcester, USA 3. UMass Med Sch, Program Mol Med, Worcester, USA 4. Skolkovo Inst Sci	Biochemistry & Molecular Biology; Chemistry

						& Technol, Ctr Translat Biomed, Moscow, Russia 5. Lomonosov Moscow State Univ, Moscow, Russia	
48.	4.346	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	On celebration of Professor Abdulmajeed A. Mohamad's 65th birthday	Vasiliev L.	Natl Acad Sci Belarus, Luikov Heat & Mass Transfer Inst, Minsk, Belarus	14 организаций	Thermodynam ics; Engineering; Mechanics
49.	4.275	LAND DEGRADA TION & DEVELOP MENT	Peat bog and alluvial deposits reveal land degradation during 16th-and 17th- century colonisation of the Western Carpathians (Czech Republic)	Zernitskaya Valentina	Natl Acad Sci, Inst Nat Management, Minsk, Belarus	1. Univ Ostrava, Dept Phys Geog & Geoecol, Ostrava, Czech Republic 2. Univ Salford, Sch Environm & Life Sci, Salford, Lancs, England 3. Palacky Univ Olomouc, Dept Geol, Olomouc, Czech Republic 4. Czech Union Nat Conservat SALAMANDR, Roznov Radhostem, Czech Republic	Environmental Sciences & Ecology; Agriculture
50.	4.209	JOURNAL	Evaluation of	Zouraev A.	Acad Sci Belarus,	Republican Sci &	Cardiovascular

		OF HYPERTENSION	platelet-plasma haemostasis in patients with unstable angina and stenting of the coronary arteries in the presence of hypertension		Inst Genet & Cytol, Minsk, Belarus	Pract Ctr Cardiol, Minsk, Belarus	System & Cardiology
51.	4.175	JOURNAL OF ALLOYS AND COMPOUNDS	Influence of Nd-NbZn co-substitution on structural, spectral and magnetic properties of M-type calcium-strontium hexaferrites $Ca_{0.4}Sr_{0.6-x}Nd_xFe_{12.0-x}(Nb_{0.5}Zn_{0.5})_xO_{19}$	Trukhanov A. V.; Trukhanov S. V.	1. NAS Belarus, SSPA Sci & Pract Mat Res Ctr, Minsk, Belarus 2. Natl Univ Sci & Technol MISIS, Moscow, Russia	1. Yibin Univ, Sch Phys & Elect Engn, Yibin, Peoples R China 2. Yangzhou Univ, Coll Phys Sci & Technol, Jiangsu, Peoples R China 3. Natl Univ Sci & Technol MISIS, Moscow, Russia	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering
52.	4.175	JOURNAL OF ALLOYS AND COMPOUNDS	Metamagnetic transition in the system $Eu_{1-x}Sr_xMn_{0.5}Co_{0.5}O_3$ ($0 \leq x \leq 0.75$)	Troyanchuk I. O.; Bushinsky M. V.; Tereshko N. V.	NAS Belarus, Sci Pract Mat Res Ctr, Minsk, Belarus	Lomonosov Moscow State Univ, Moscow, Russia 2. Ural Fed Univ, Ekaterinburg, Russia 3. Natl Res South Ural State Univ, Chelyabinsk, Russia	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering
53.	4.175	JOURNAL	Synergy effect of	Dyachkova	Belarusian Natl	1. Univ Zielona Gora,	Chemistry;

		OF ALLOYS AND COMPOUNDS	ultrafine tungsten, silicon carbides, and graphite microadditives on the Fe-based MMCs properties using the simplex lattice design	Larisa N.	Acad Sci, Powder Met Inst, Minsk, Belarus	Zielona Gora, Poland 2. Poznan Univ Tech, Poznan, Poland 3. Opole Univ Technol, Opole, Poland	Materials Science; Metallurgy & Metallurgical Engineering
54.	4.175	JOURNAL OF ALLOYS AND COMPOUNDS	Electromagnetic properties of BaFe ₁₂ O ₁₉ :Ti at centimeter wavelengths	Trukhanov S. V.; Trukhanov A.V.	1. Natl Acad Sci Belarus, Sci Pract Mat Res Ctr, Minsk, Belarus 2. South Ural State Univ, Chelyabinsk, Russia 3. Natl Univ Sci & Technol MISiS, Moscow, Russia	7 организаций	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering
55.	4.175	JOURNAL OF ALLOYS AND COMPOUNDS	Control of electromagnetic properties in substituted M-type hexagonal ferrites	Trukhanov A. V.; Trukhanova E. L.; Trukhanov S.V.	1. NAS Belarus, SSPA Sci & Pract Mat Res Ctr, Minsk, Belarus 2. Natl Univ Sci & Technol MISiS, Moscow, Russia 3. South Ural State Univ,	6 организаций	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering

					Chelyabinsk, Russia		
56.	4.175	JOURNAL OF ALLOYS AND COMPOUN DS	Colloidal chemical synthesis, structural and luminescent properties of YAl ₃ (BO ₃)(4): Ce ³⁺ phosphors	Malashkevich G. E.	BI Stepanov Inst Phys NASB, Minsk, Belarus	1. Joint Inst Nucl Res, Dubna, Russia 2. BSU, Res Inst Phys Chem Problems, Minsk, Belarus 3. Natl Res Ctr Kurchatov Inst, Moscow, Russia	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering
57.	4.175	JOURNAL OF ALLOYS AND COMPOUN DS	Correlation of the synthesis conditions and microstructure for Bi-based electron shields production	Tishkevich D. I.; Grabchikov S. S.; Lastovskii S. B.; Trukhanov S. V.; Vasin D. S.; Trukhanov A. V. Zubar T. I.	1. SSPA Sci & Pract Mat Res Ctr NAS Belarus, Minsk, Belarus 2. Natl Acad Sci Belarus, AV Luikov Heat & Mass Transfer Inst, Minsk, Belarus	1. Natl Univ Sci & Technol MISiS, Moscow, Russia 2. Belarusian State Univ Informat & Radioelect, Minsk, Belarus 3. South Ural State Univ, Chelyabinsk, Russia	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering
58.	4.175	JOURNAL	Anomalies in Ni-	Zubar T. I.	1. NAS Belarus,	1. RAS, Lebedev	Chemistry;

		OF ALLOYS AND COMPOUNDS	Fe nanogranular films growth	Chizhik S. A. Sharko S. A.; Tishkevich D. I.; Trukhanov S. V.; Trukhanov A. V.	AV Luikov Heat & Mass Transfer Inst, Minsk, Belarus 2. NAS Belarus, SSPA Sci & Pract Mat Res Ctr, Minsk, Belarus	Phys Inst, Moscow, Russia 2. South Ural State Univ, Chelyabinsk, Russia 3. Moscow Inst Phys & Technol, Dolgoprudnyi, Russia 4. Natl Univ Sci & Technol MISiS, , Moscow, Russia	Materials Science; Metallurgy & Metallurgical Engineering
59.	4.175	JOURNAL OF ALLOYS AND COMPOUNDS	Phase formation during high-energy ball milling of the 33Al-45Cu-22Fe (at.%) powder mixture	Pyatsyushik Evgenii E.	Inst Powder Met NAN, Minsk, Belarus	1. Belarusian Natl Tech Univ, Minsk, Belarus 2. RAS, SB, Borekov Inst Catalysis, Novosibirsk, Russia 3. Novosibirsk State Univ, Novosibirsk, Russia 3. RAS, SB, Lavrentyev Inst Hydrodynam, Novosibirsk, Russia 4. RAS, SB, Inst Solid State Chem &	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering

						Mechanochem, Novosibirsk, Russia	
60.	4.175	JOURNAL OF ALLOYS AND COMPOUN DS	Electrochemical deposition regimes and critical influence of organic additives on the structure of Bi films	Tishkevich D. I.; Grabchikov S. S.; Trukhanov S. V.; Trukhanova E.L.; Trukhanov A. V.	Natl Acad Sci Belarus, SSPA Sci Pract Mat Res Ctr, Minsk, Belarus	1. Belarusian State Univ, Res Inst Phys Chem Problems, Minsk, Belarus 2. Natl Univ Sci & Technol MISiS, Moscow, Russia 3. South Ural State Univ, Chelyabinsk, Russia	Chemistry; Materials Science; Metallurgy & Metallurgical Engineering
61.	4.162	PHYSICS LETTERS B	On the cosmological gravitational waves and cosmological distances	Vereshchagin G. V.	1. ICRANet Minsk, NASB, Minsk, Belarus 2. ICRANet, Piazza Repubbl 10, Pescara, Italy	1. ICRANet, Ple Repubbl 10, Pescara, Italy 2. IHES, Bures Sur Yvette, France 3. ICRANet, Piazza Repubbl 10, Pescara, Italy	Astronomy & Astrophysics; Physics
62.	4.13	ANTIVIRA L RESEARCH	Antivirals acting on viral envelopes via biophysical mechanisms of action	Ulashchik Egor A.; Shmanai Vadim V.	Inst Physicoorgan Chem, Minsk , Belarus	1. Univ Alberta, Dept Biochem, Edmonton, Canada 2. Shemyakin Ovchinnikov Inst Bioorgan Chem, Moscow, Russia 3. Univ, Baker Inst Anim Hlth, Ithaca, NY, USA	Pharmacology & Pharmacy; Virology

63.	4.084	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	Experimental investigation of thermal insulating aerogel composites of hydrothermal reactor for biomass-to-hydrogen conversion	Vityaz P. A. Sudnik L. V	Natl Acad Sci Belarus, Minsk , Belarus Natl Acad Sci, Pulse Proc Powder Met Inst, Sci Res Inst, Minsk, Belarus	1. GOSNITI, 1st Inst Skiy Passage, Moscow, Russia 2. Moscow State Univ Civil Engn, Sci Res Inst Bldg Mat & Technol, Moscow, Russia	Chemistry; Electrochemistry; Energy & Fuels
64.	4.067	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY	Porphyrins and flavins as endogenous acceptors of optical radiation of blue spectral region determining photoinactivation of microbial cells	Plavskii V. Yu; Mikulich A. V.; Tretyakova A. I.; Leusenka I. A.; Plavskaya L.G.; Kazyuchits O.A.; Dobysh I. I.; Krasnenkova T. P.;	Natl Acad Sci Belarus, State Sci Inst BI Stepanov Inst Phys, Minsk, Belarus Republican Mfg Unitary Enterprise Academpharm, Minsk, Belarus	-	Biochemistry & Molecular Biology; Biophysics
65.	4.029	JOURNAL OF THE EUROPEAN CERAMIC SOCIETY	Effect of technological parameters on densification of reaction bonded Si/SiC ceramics	Grinchuk P. S.; Kiyashko M.V; Stepkin M. O.; Toropov V. V.; Khort A. A.; Solovei D. V.;	Natl Acad Sci Belarus, AV Luikov Heat & Mass Transfer Inst, Minsk, Belarus	King Abdulaziz City Sci & Technol, Natl Nanotechnol Res Ctr, Riyadh, Saudi Arabia	Materials Science

				Akulich A. V.; Shashkov M. D.; Liakh M. Yu.			
66.	3.866	OPTICS LETTERS	Spectroscopic properties and continuous-wave deep-red laser operation of Eu ³⁺ - doped LiYF ₄	Dashkevich, Vladimir; Orlovich, Valentin	NAS Belarus, BI Stepanov Inst Phys, Minsk, Belarus	1. Belarusian Natl Tech Univ, Ctr Opt Mat & Technol, Minsk, Belarus 2. Vitebsk State Technol Univ, Vitebsk, Belarus 3. Leibniz Inst Crystal Growth, Ctr Laser Mat, Berlin, Germany	Optics
67.	3.866	OPTICS LETTERS	Broadband bright twin beams and their upconversion	Horoshko Dmitri B.	1. NASB, BI Stepanov Inst Phys, Minsk, Belarus 2. Univ Lille, CNRS, Lille, France	6 организаций	Optics
68.	3.826	CIRP ANNALS- MANUFAC TURING TECHNOL OGY	Investigation on formability enhancement of 5A06 aluminium sheet by impact hydroforming	Pokrovsky A.I.	Natl Acad Sci Belarus, Phys Tech Inst, Minsk, Belarus	Chinese Acad Sci, IMR, Shenyang, Liaoning, Peoples R China 2. Dalian Univ Technol, Sch Mat Sci & Engn, Key Lab Solidificat Control &	Engineering

						Digital Preparat Te, Dalian, Peoples R China 3. Tech Univ Cluj Napoca, Dept Mfg Engn, Cluj Napoca, Romania	
69.	3.819	OSTEOPOROSIS INTERNATIONAL	Integrative analysis of genotyping data suggests that multiple vitamin d receptor gene variants are associated with bone fragility in postmenopausal women	Marozik P.; Mosse, I.; Kobets K.	Inst Genet & Cytol NAS Belarus, Minsk, Belarus	1. Belarusian State Med Univ, Minsk, Belarus 2. Vilnius Univ, Vilnius, Lithuania 3. Belarusian Med Acad Postgrad Training, Minsk, Belarus 4. Minsk City Clin Hosp, Minsk, Belarus	Endocrinology & Metabolism
70.	3.806	EUROPEAN JOURNAL OF OPERATIONAL RESEARCH	Optimal workforce assignment to operations of a paced assembly line	Kovalyov Mikhail Y.	Natl Acad Sci Belarus, United Inst Informat Problems, Minsk, Belarus	1. CNRS, LS2N, IMT Atlant, Nantes 3, France 2. INSEEC Business Sch, Lyon, France 3. Univ Tours, Ecole Polytech, Lab Informat, Tours, France	Business & Economics; Operations Research & Management Science
71.	3.773	NEW JOURNAL	Quantum state and mode profile	Mogilevtsev D.	1. Belarus Natl Acad Sci, Inst	1. Univ Paderborn, Appl Phys,	Physics

		OF PHYSICS	tomography by the overlap		PhysMinsk , Belarus 2. Univ Fed ABC, Ctr Ciencias Nat & Humanas, Santo Andre, SP, Brazil	Paderborn, Germany 2. Univ Fed ABC, Ctr Ciencias Nat & Humanas, Santo Andre, SP, Brazil 3. Univ St Andrews, Sch Phys & Astron, Fife, Scotland	
72.	3.773	NEW JOURNAL OF PHYSICS	Non-flipping C-13 spins near an NV center in diamond: hyperfine and spatial characteristics by density functional theory simulation of the C-510[NV]H-252 cluster	Nizovtsev A. P.; Kilin S. Ya Pushkarchuk A. L.	Nat Acad Sci Belarus, BI Stepanov Inst Phys, Minsk, Belarus 1. Nat Acad Sci Belarus, Inst Phys Organ Chem, Minsk, Belarus 2. Belarusian State Univ, Inst Nucl Problems, Minsk, Belarus	1. Belarusian State Univ, Inst Nucl Problems, Minsk, Belarus 2. Belarusian State Univ Informat & Radioelect, Minsk, Belarus 3. Nat Acad Sci Ukraine, SSI Inst Single Crystals, UA-Kharkov, Ukraine 4. Ulm Univ, Inst Quantum Opt, Ulm, Germany 5. Ulm Univ, Ctr Integrated Quantum Sci & Technol IQST, Ulm, Germany	Physics
73.	3.736	PHYSICAL REVIEW B	Exchange bias effect and Griffiths phase coexistence	Troyanchuk I. O.	Sci Pract Mat Res Ctr NAS Belarus, Minsk, Belarus	Polish Acad Sci, Inst Phys, Warsaw, Poland	Materials Science; Physics

			in the disordered cobaltite Gd _{0.5} Sr _{0.5} CoO ₃ -delta				
74.	3.736	PHYSICAL REVIEW B	PT symmetry breaking in multilayers with resonant loss and gain locks light propagation direction	Novitsky Denis V.	1. Natl Acad Sci Belarus, BI Stepanov Inst Phys, Minsk, Belarus 2. ITMO Univ, St Petersburg, Russia 3. St Petersburg Electrotech Univ LETI, , St Petersburg, Russia	7 организаций	Materials Science; Physics
75.	3.736	PHYSICAL REVIEW B	Magnetic dynamics and spin-phonon coupling in the antiferromagnet Ni ₂ NbBO ₆	Lyubochko N. A.; Barilo S. N.	Natl Acad Sci, Inst Solid State & Semicond Phys, Minsk, Belarus	Russian Acad Sci, Ioffe Inst, St Petersburg, Russia	Materials Science; Physics
76.	3.736	PHYSICAL REVIEW B	Decoupled spin dynamics in the rare-earth orthoferrite YbFeO ₃ : Evolution of magnetic	Barilo S.; Guretskii S.	Natl Acad Sci, Inst Solid State & Semicond Phys, Minsk, Belarus	9 организаций	Materials Science; Physics

			excitations through the spin-reorientation transition				
77.	3.736	PHYSICAL REVIEW B	Probing the role of Nd ³⁺ ions in the weak multiferroic character of NdMn ₂ O ₅ by optical spectroscopies	Barilo S. N.; Shiryaev S. V.	NAS Belarus, Sci Pract Mat Res Ctr, Minsk, Belarus	6 организаций	Materials Science; Physics
78.	3.736	PHYSICAL REVIEW B	Rotomagnetic coupling in fine-grained multiferroic BiFeO ₃ : Theory and experiment	Karpinsky Dmitry V.	NAS Belarus, Sci Pract Mat Res Ctr, Minsk, Belarus	7 организаций	Materials Science; Physics
79.	3.634	FRONTIERS IN ENDOCRINOLOGY	Association of Vitamin D Receptor Gene Variation With Osteoporosis Risk in Belarusian and Lithuanian Postmenopausal Women	Marozik Pavel; Mosse Irma; Kobets Katsiaryna	Natl Acad Sci Belarus, Inst Genet & Cytol, Lab Human Genet, Minsk, Belarus	1. Vilnius Univ, Fac Med, Vilnius, Lithuania 2. Belarusian State Med Univ, Minsk, Belarus 3. Belarusian Med Acad Postgrad Educ, Minsk, Belarus 4. Minsk City Clin Hosp, Minsk City Ctr Osteoporosis & Bone Muscular Dis P,	Endocrinology & Metabolism

						Minsk, Belarus	
80.	3.567	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Nucleation and growth of gold nanoparticles initiated by nanosecond and femtosecond laser irradiation of aqueous $[AuCl_4](-)$	Fisenko Sergey P.	1. Natl Acad Sci Belarus, AV Luikov Heat & Mass Transfer Inst, Minsk, Belarus 2. Virginia Commonwealth Univ, Dept Chem, Richmond, USA	Virginia Commonwealth Univ, Dept Chem, Richmond, USA	Chemistry; Physics
81.	3.567	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	Bismuth oxysulfide film electrodes with giant incident photon-to-current conversion efficiency: the dynamics of properties with deposition time	Bondarenko Evgeny A.; Streltsov Eugene A.; Mazanik Alexander V.	Natl Acad Sci Belarus, Inst Gen & Inorgan Chem, Minsk, Belarus	1. Belarusian State Univ, Minsk, Belarus 2. Vilnius Univ, Inst Photon & Nanotechnol, Vilnius, Lithuania 3. ITMO Univ, Infochem Grp, SCAMT Lab, St Petersburg, Russia	Chemistry; Physics
82.	3.567	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	The nature of non-FRET photoluminescence quenching in nanoassemblies from semiconductor quantum dots and dye molecules	Stupak Aleksander P.	Natl Acad Sci Belarus, BI Stepanov Inst Phys, Minsk, Belarus	1. Tech Univ Chemnitz, Inst Phys, Chemnitz, Germany 2. Tech Univ Chemnitz, Ctr Nanostruct Mat & Analyt, Chemnitz, Germany 3. Natl Tech Univ	Chemistry; Physics

						Belarus, Minsk, Belarus 4. Tech Univ Chemnitz, Chemnitz, Germany 5. Univ Copenhagen, Copenhagen, Denmark	
83.	3.561	OPTICS EXPRESS	Magnetoplasmonic crystal waveguide	Stognij A. I.	NAS Belarus, Sci Pract Mat Res Ctr, Minsk, Belarus	1. Moscow MV Lomonosov State Univ, Moscow, Russia 2. Moscow Technol Univ MIREA, Moscow, Russia 3. RAS, Kurnakov Inst Gen & Inorgan Chem, Moscow, Russia	Optics
84.	3.561	OPTICS EXPRESS	Security of subcarrier wave quantum key distribution against the collective beam-splitting attack	Horoshko D. B.	1. NASB, BI Stepanov Inst Phys, Minsk, Belarus 2. Univ Lille, CNRS, UMR 8523, Phys Lasers Atomes & Mol PhLAM, Lille, France	1. ITMO Univ, Dept Photon & Opt Informat Technol, St Petersburg, Russia 2. Kazan Natl Res Tech Univ, Kazan, Russia 3. Univ Lille, CNRS, UMR 8523, Phys Lasers Atomes & Mol PhLAM, Lille,	Optics

						France	
85.	3.559	ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS	The alpha helix 1 from the first conserved region of HIV1 gp120 is reconstructed in the short NQ21 peptide	Khrustaleva T.A. Rudnichenko Y.A.	1. Natl Acad Sci Belarus, Inst Physiol, Lab Cellular Technol, Minsk, Belarus 2. Natl Acad Sci Belarus, Inst Physiol, Lab Nutr & Sports Physiol, Minsk, Belarus	1. Belarusian State Med Univ, Dept Gen Chem, Minsk, Belarus 2. Belarusian State Univ Informat & Radioelect, R&D Dept, Minsk, Belarus 3. Lomonosov Moscow State Univ, Belozersky Inst Physicochem Biol, Moscow, Russia	Biochemistry & Molecular Biology; Biophysics
86.	3.521	APPLIED PHYSICS LETTERS	Spin wave steering in three-dimensional magnonic networks	Stognij A. I.	Sci Pract Mat Res Ctr, Minsk, Belarus	1. Saratov NG Chernyshevskii State Univ, Saratov, Russia 2. Kotelnikov Inst Radioengn & Elect, Moscow, Russia 3. Moscow Inst Phys & Technol, Dolgoprudnyi, Russia	Physics
87.	3.499	TOXICOLOGY LETTERS	The membrane toxicology of rods and spheric zinc oxide nanoparticles	Harmaza Y.; Tamashevski A. Slobozhanina E	Natl Acad Sci Belarus, Lab Med Biophys, Inst Biophys & Cell Engn, Minsk, Belarus	1. Univ Latvia, Inst Chem Phys, Riga, Latvia 2. Univ Latvia, Inst Atom Phys & Spect, Riga, Latvia	Toxicology
88.	3.450	CERAMICS	Preparation and	Trukhanov S.	1. NAS Belarus,	6 организаций	Materials

		INTERNATIONAL	investigation of structure, magnetic and dielectric properties of $(\text{BaFe}_{11.9}\text{Al}_{0.1}\text{O}_{19})(1-x) - (\text{BaTiO}_3)(x)$ bicomponent ceramics	V.; Trukhanov A. V.; Trukhanova, E. L.; Trukhanov An. V.; Zubar T. I.; Tishkevich D. I.	SSPA Sci & Pract Mat Res Ctr, Minsk, Belarus 2. Natl Univ Sci & Technol MISiS, Moscow, Russia 3. South Ural State Univ, Chelyabinsk, Russia		Science
89.	3.45	CERAMICS INTERNATIONAL	Effect of Fe doping on structure, magnetic and electrical properties $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{0.5}\text{Fe}_{0.5}\text{O}_3$ manganite	Trukhanov S. V. ; Trukhanov A. V.; Trukhanova E. L.	1. NAS Belarus, Sci Pract Mat Res Ctr, Minsk , Belarus 2. Natl Univ Sci & Technol MISiS, Moscow, Russia 3. South Ural State Univ, Chelyabinsk, Russia	9 организаций	Materials Science
90.	3.45	CERAMICS INTERNATIONAL	Critical influence of different diamagnetic ions on electromagnetic properties of $\text{BaFe}_{12}\text{O}_{19}$	Trukhanov A. V.; Trulchanov S. V.; Zubar T. I.	NAS Belarus, SSPA Sci & Pract Mat Res Ctr, Minsk, Belarus	1. South Ural State Univ, Chelyabinsk, Russia 2. Natl Univ Sci & Technol MISiS, Moscow, Russia 3. Joint Inst Nucl	Materials Science

						Res, Dubna, Russia 4. Natl Univ, Kiev, Ukraine	
91.	3.45	CERAMICS INTERNAT IONAL	Magnesium ferrite nanoparticles as a magnetic sorbent for the removal of Mn ²⁺ , Co ²⁺ , Ni ²⁺ and Cu ²⁺ from aqueous solution	Ivanets A. I.; Roshchina M. Yu.; Prozorovich V. G.	Natl Acad Sci Belarus, Inst Gen & Inorgan Chem, Minsk, Belarus	1. Lappeenranta Univ Technol, Lab Green Chem, Mikkeli, Finland 2. Florida Int Univ, Dept Civil & Environm Engn, Miami, USA 4. Belarusian State Univ, Dept Phys Chem, Minsk, Belarus	Materials Science
92.	3.45	CERAMICS INTERNAT IONAL	Magnetic and magnetotransport properties of La _{1-x} Sr _x Mn _{0.5} Co _{0.5} O ₃ perovskites	Troyanchuk I. O.; Bushinsky M. V.; Karpinsky D. V.	Sci Pract Mat Res Ctr NAS Belarus, Minsk, Belarus	1. Natl Res Univ Elect Technol MIET, Moscow, Russia 2. Joint Inst Nucl Res, Dubna, Russia 3. REC Funct Nanomaterials Immanuel Kant Baltic Fed Univ, Kaliningrad, Russia 4. Helmholtz Zentrum Berlin, Berlin, Germany 5. Inst Laue Langevin, Grenoble, France	Materials Science

93.	3.45	CERAMICS INTERNAT IONAL	Polarization origin and iron positions in indium doped barium hexaferrites	Trukhanov S. V.; Trukhanov A. V.; Trukhanov An. V.; Trukhanova E. L.; Tishkevich D. I.; Ivanov V. M. Zubar T. I.	SSPA Sci & Pract Mat Res Ctr NAS Belarus, Minsk 220072, Belarus AV Luikov Heat & Mass Transfer Inst NAS Belarus, Minsk, Belarus	6 организаций	Materials Science
94.	3.442	JOURNAL OF MATERIAL S SCIENCE	Mechanosynthesis of composites in chemically non- reacting and exothermically reacting systems for magnetic abrasive media	Kovaliova S.; Zhornik V.; Khomich M.; Vityaz P.	Natl Acad Sci Belarus, Joint Inst Mech Engn, Minsk, Belarus	1. Karlsruhe Inst Technol, Inst Nanotechnol, Eggenstein Leopoldshafen, Germany 2. VSB Tech Univ Ostrava, Fac Min & Geol, Inst Phys, Ostrava, Czech Republic 3. Russian Acad Sci, Inst Solid State Chem & Mechanochem, Siberian Branch,	Materials Science

						Novosibirsk, Russia 4. Moscow MV Lomonosov State Univ, Phys Fac, Moscow, Russia	
95.	3.442	JOURNAL OF MATERIALS SCIENCE	Charge transfer mechanisms in strontium ferromolybdate with tunneling barriers	Kalanda Nikolay; Yarmolich Marta; Petrov Alexander	NAS Belarus, Sci Pract Mat Res Ctr, Minsk , Belarus	1. Ernst Abbe Univ Appl Sci, Jena, Germany 2. Univ Cologne, Inst Inorgan Chem, Cologne, Germany	Materials Science
96.	3.399	NANOTECHNOLOGY	Plasmonic silvered nanostructures on macroporous silicon decorated with graphene oxide for SERS-spectroscopy	Panarin A. Yu; Terekhov S. N.	BI Stepanov Inst Phys NASB, Minsk, Belarus	1. BSUIR, Micro & Nanoelect Dept, Minsk, Belarus 2. Univ Belgrade, Inst Phys Belgrade, Zemun Belgrade, Serbia	Science & Technology - Other Topics; Materials Science; Physics
97.	3.384	EUROPEAN JOURNAL OF AGRONOMY	Cereal yield gaps across Europe	Kalyada Valery; Khitrykau Maksim	Natl Acad Sci Belarus, Inst Nat Management, Ctr Climate Res, Minsk, Belarus	30 организаций	Agriculture
98.	3.382	CRYSTENG COMM	The behavior of Ni nanotubes under the influence of environments with different acidities	Kutuzau Maksim D.; Kaniukov Egor Yu; Shumskaya Elena E.;	Natl Acad Sci Belarus, Sci & Pract Mat Res Ctr, Minsk, Belarus	1. Nazarbayev Univ, Sch Engn, Astana, Kazakhstan 2. Ural Fed Univ, Ekaterinburg, Russia 3. LN Gumilyov	Chemistry; Crystallography

				Bundyukova Victoria D.		Eurasian Natl Univ, Astana, Kazakhstan 4. Inst Nucl Phys Astana, Solid State Phys Lab, Astana, Kazakhstan	
99.	3.379	EJSO	Optimizing treatment for children and adolescents with papillary thyroid carcinoma in post- Chernobyl exposed region: The roles of lymph node dissections in the central and lateral neck compartments	Krasko Olga	Natl Acad Sci Belarus, United Inst Informat Problems, Minsk, Belarus	1. Republican Ctr Thyroid Tumors, Pathol Dept, Minsk, Belarus 2. Natl Acad Sci Belarus, United Inst Informat Problems, Minsk, Belarus 3. Griffith Univ, Sch Med, Gold Coast, Australia 4. Griffith Univ, Menzies Hlth Inst Queensland, Gold Coast, Australia	Oncology; Surgery
100.	3.264	PHYTOPAT HOLOGY	Dissecting a centennial problem for the peony industry	Vlasava N. B.	NAS, Cent Bot Gardens, Minsk, Belarus	1. Univ Arkansas, Fayetteville, USA 2. Univ Michigan, Ann Arbor, USA	Plant Sciences
101.	3.264	PHYTOPAT HOLOGY	Perennial ornamental enables virus spread across the United States	Vlasava Nastassia B	Cent Bot Gardens NAS, Minsk, Belarus	1. Univ Arkansas, Fayetteville, USA 2. Univ Michigan, Ann Arbor, USA	Plant Sciences