

№	авторский коллектив от ЛНФ ОИЯИ	сторонние соавторы с указанием страны и названия института	название публикации	библиографическая ссылка на публикацию	электронная ссылка на статью	Impact Factor	Q1/Q2/Q3/Q4	вклад ЛНФ ОИЯИ, %	установки и центры, где получены научные результаты	финансовая поддержка, указанная в публикации (РНФ, РФФИ, программы ЕС или страны-участницы ОИЯИ, включая гранты и проекты ПП, проекты, получившие финансирование различных фондов и т.п.)
1	Sudarev, V.V., Dolotova, S.M., Bukhalovich, S.M., Kuklin, A.I., Vlasov, A.V.		Ferritin self-assembly, structure, function, and biotechnological applications	Sudarev, V.V., Dolotova, S.M., Bukhalovich, S.M., Kuklin, A.I., Vlasov, A.V. Review. Ferritin self-assembly, structure, function, and biotechnological applications, International Journal of Biological Macromolecules. 2023, 224, pp. 319-343.						
2	M. Balasou	K. Trukhinov, E. A. Lebedeva, S.A. Astaf'eva, A. Sh. Shamsutdinov, E.V. Kornilitsina, Institute of Technical Chemistry of the Ural Branch of the Russian Academy of Sciences (a branch of the Perm Federal Researcher Center of the Ural Branch of the Russian Academy of Sciences), Perm, Russia	Seed-assisted hydrothermal fabrication of nanostructured boehmite coating on carbon fiber.	D.K. Trukhinov, E.A. Lebedeva, S.A. Astaf'eva, A.Sh. Shamsutdinov, E.V. Kornilitsina, M. Balasou, Seed-assisted hydrothermal fabrication of nanostructured boehmite coating on carbon fiber, Surface and Coatings, 452, 129083, 2023.	https://doi.org/10.1016/j.surfcoat.2022.129083	4.865	Q1	20%	ITCh UB RAS	The reported study was supported by the Government of Perm Krai, research project № C-26/702
3	Oleksandr Ivankov, Elena V. Ermakova, Tatiana N. Mungova, Norbert Kačerka	Dina R. Badreva - MLIT, JINR Tomáš Konečný - Comenius University Bratislava, Slovakia	Anionic lipids modulate little the reorganization effect of amyloid-beta peptide on membranes.	General Physiology and Biophysics 42:1 (2023) 59-66	Doi: 10.4149/gpb_2022052	1.957	Q3	90%	YuMO @ IBR2; HybriLIT @ MLIT; D16 @ ILL	РНФ 19-72-20186
4	Norbert Kačerka	Petra Pullmannová, Barbora A. Čuhíková-Kindlová, Veronika Ondřejčková, Andrej Kováčik, Kristýn Dvořáková, Lucia Dulanská, Robert Georgii, Adam Majcher, Janošir Mäxter, Jarmila Zbytovská, and Kateřina Vávřová - Charles University, Faculty of Pharmacy in Hradec Králové	Polymorphism, Nanostructures, and Barrier Properties of Ceramic-Based Lipid Films.	ACS Omega 8 (2023) 422-435	https://doi.org/10.1021/acsomega.2c04924	4.132	Q1	5%	MIRA @ MLZ	
5	Vershinnina T.N., Samoylova N.Yu., Samimov S.V., Balagurov A.M.	Palacheva V.V., Golovin I.S.	Comparative study of structures and phase transitions in Fe-(31-35)at% Ga alloys by in situ neutron diffraction	Vershinnina T.N., Samoylova N.Yu., Samimov S.V., Balagurov A.M., Palacheva V.V., Golovin I.S. Comparative study of structures and phase transitions in Fe-(31-35) at% Ga alloys by in situ neutron diffraction, Journal of Alloys and Compounds, 954 (2023) 167967	https://doi.org/10.1016/j.jallcom.2022.167967	6.371	Q1	95%	HRFD, Empyrean PANalytical	РНФ № 22-42-04404
6	Vershinnina T.N.	Panasjuk M.I., Zubar T.I., Usovich T.I., Trukhovich D.I., Kanafeyev O.D., Fedkin V.A., Kotelnikova A.N., Trukhanov, S.V., Michels D., Lyakhov D., Fedosyuk V.M., Trukhanov A.V.	Mechanism of bubbles formation and anomalous phase separation in the CoNiP system	Panasjuk M.I., Zubar T.I., Usovich T.I., Trukhovich D.I., Kanafeyev O.D., Fedkin V.A., Kotelnikova A.N., Trukhanov, S.V., Michels D., Lyakhov D., Vershinnina T.N., Fedosyuk V.M., Trukhanov A.V. Mechanism of bubbles formation and anomalous phase separation in the CoNiP system, Scientific Reports, 13 (2023) 5829	https://doi.org/10.1038/s41598-023-53146-7	5.516	Q1	5%	Empyrean PANalytical	
7	Ivankov O.I., Tomchuk A.A., Avdeev M.V., Tomchuk O.V.	Shershakova N.N., Andreev S.M., Makarova E.A., Nikonova A.A., Turetskiy E.A., Petukhova O.A., Kamysnikov O.Y., Dvornikov A.S., Kudlay D.A., Khaikov M.R. (NRC Institute of Immunology FMBA of Russia)	Wound healing activity of aqueous dispersion of fullerene C60 produced by "green technology"	Shershakova N.N., Andreev S.M., Tomchuk A.A., Makarova E.A., Nikonova A.A., Turetskiy E.A., Petukhova O.A., Kamysnikov O.Y., Ivankov O.I., Kyzyna O.A., Tomchuk O.V., Avdeev M.V., Dvornikov A.S., Kudlay D.A., Khaikov M.R., Wound healing activity of aqueous dispersion of fullerene C60 produced by "green technology", Nanomedicine: Nanotechnology, Biology, and Medicine, 2023, 47, 102619	https://doi.org/10.1016/j.nano.2023.102619	6.458	Q1	25%	YuMO @ IBR2	
8	Timur V. Tropin	Jörn W. P. Schmelzer. (Rostock University, Rostock, Germany), Alexander S. Abyzov (Kharkov Institute of Physics, Kharkov)	Kinetics of Precipitation Processes at Non-Zero Input Fluxes of Segregating Particles	Schmelzer, J. W. P.; Tropin, T. V.; Abyzov, A. S. Kinetics of Precipitation Processes at Non-Zero Input Fluxes of Segregating Particles. Entropy, 2023, 25 (2), 329	https://doi.org/10.3390/entropy202329	2.738	Q1	33%		
9	Tropin T.V., Avdeev M.V., Aksenov V.L.	Selyshev P.A. (University of Pretoria, Pretoria, SA), Petrenko V.I. (BCMaterials, Leica, Spain)	On modeling of the kinetics of aggregation in low-polar C60 solutions	Tropin, T. V.; Selyshev, P. A.; Petrenko, V. I.; Avdeev, M. V.; Aksenov, V. L.; Selyshev, P. A.; Petrenko, V. I.; Avdeev, M. V.; Aksenov, V. L. On Modeling of the Kinetics of Aggregation in Low-Polar C60 Solutions. Fullerenes, Nanotubes, Carbon Nanostructures, 2023, 0 (0), 1-7	https://doi.org/10.1080/153683X.2023.2192484	2.06	Q2	70%	Photocor DLS	Программа ЮАР-ОИЯИ, 2020; и 2022г.
10	Genov I.G., Slavkova Z., Doroshkevich A.S., Ilyina M.N.	Utamaradova Sh.B., Rakhmanov D.A. (Institute of Semiconductor Physics and Microelectronics at the National University of Uzbekistan, Tashkent)	IMPEDANCE SPECTROSCOPY OF p-Si³⁵P</sup>-p-Si³⁵Cr</sup>-IRRADIATED WITH PROTONS	Sh.B. Utamaradova, D.A. Rakhmanov, A.S. Doroshkevich, I.G. Genov, Z. Slavkova, M.N. Ilyina. Advanced Physical Research Vol.5, No.1, 2023, pp.5-11	http://journal.dubshishine.ru/journals.aspx?lang=en&id=13&menu=3&info			67%	EG-5, Sp-200 "BioLogic" impedance meter	
11	Lychagin E., Muzychka A., Nekhaev G., Nezvanov A., Strelkov A., Turlybekuly K., Zhemernikov K.	Bosak A., France, European Synchrotron Radiation Facility; Dubois M., France, Université Clermont Auvergne; Korobkina E., USA, North Carolina State University; Nesvizhskiy V., France, Institut Max von Laue—Paul Langevin; Saerbeck T., France, Institut Max von Laue—Paul Langevin; Schweins R., France, Institut Max von Laue—Paul Langevin.	Effect of nanodiamond sizes on the efficiency of quasi-specular reflection of cold neutrons	Bosak, A.; Dubois, M.; Korobkina, E.; Lychagin, E.; Muzychka, A.; Nekhaev, G.; Nesvizhskiy, V.; Nezvanov, A.; Saerbeck, T.; Schweins, R.; et al. Effect of Nanodiamond Sizes on the Efficiency of the Quasi-Specular Reflection of Cold Neutrons. Materials 2023, 16, 703.	https://doi.org/10.3390/m16020703	3,748	Q2	55%	D11, ILL; D17, ILL; FTIR, Université Clermont Auvergne; XRD, ESRF	ANR-20-CE08-0034; RFFI-18-29-19039; ERC INFRASUP P-2019-1/87072
12	G. Ahmadov, D. Berikov, Yu. Kopatch		Angular distribution of prompt fission gamma-rays	G. Ahmadov, D. Berikov, Yu. Kopatch, Angular distribution of prompt fission gamma-rays // Romanian Reports in Physics 2023, 75, 202	https://rmp.ionne.ro/2023/AN75202.pdf	2.085	Q2	100%	FRM II	
13	G. Ahmadov, D. Berikov	M. Holik, O. Urban, University of West Bohemia, Pilsen, Czech Republic F. Ahmadov, A. Sadygov, Z. Sadygov, Institute of Radiation Problems, Baku, Azerbaijan J. Naghiyev, National Nuclear Research Center under the MDDT, Baku, Azerbaijan E. Yilmaz, Department of Physics, Bolu Abant Izzet Baysal University, Bolu, Turkey	Investigation of the possibility of a new detector based on SiPM in nuclear forensics	M. Holik, F. Ahmadov, A. Sadygov, G. Ahmadov, J. Naghiyev, Z. Sadygov, E. Yilmaz, O. Urban and D. Berikov, Investigation of the possibility of a new detector based on SiPM in nuclear forensics // JINST 2023, 18, C01015	https://doi.org/10.1088/1748-0221/18/01/C01015	1,121	Q2	45%		
14	Frontasyeva M.		Moss survey 2020-2021-2022. Sampling completed. Plenary talk.	Frontasyeva M. Moss survey 2020-2021-2022. Sampling completed. Plenary talk. Virtual Task Force Meeting 36 of the UNECE ICP Vegetation, February 13-15, 2023, p. 9	https://icpvegetation.ceh.ac.uk/sites/default/files/Programme-And-Abstracts_ICP_Veg_TFM_2023.pdf			100%	Результаты получены участниками Программы ООН по воздуху Европы	

15	Frontasyeva M.V., Vergel K.N.	Bogdanova Ya.A., Prokhorova N.V. RF, Samara University	Monitoring of heavy metal atmospheric deposition in the step zone of the European part of Russia. Poster presentation.	Bogdanova Ya.A., Prokhorova N.V., Frontasyeva M.V., Vergel K.N. Monitoring of heavy metal atmospheric deposition in the step zone of the European part of Russia. Poster presentation. Virtual Task Force Meeting 36 of the UNECE ICP Vegetation, February 13-15, 2023, p. 21	https://icpvegetation.ccha.uz/sites/default/files/Pan%20programme/AndAbstracts_ICP_Veg_TFM_2023.pdf			50%	REGATA, IBR-2 FLNP	
16	Chalgava O., Zimovscaia I., Peshkova A., Yashin N., Frontasyeva M.V., Vergel K., Grozdov D.	Chalgava O., Грузия, Тбилисский государственный университет	Evaluation of air quality in Georgia based on Moss survey 2019-2022 results.	Chalgava O., Zimovscaia I., Peshkova A., Yashin N., Frontasyeva M.V., Vergel K., Grozdov D. Evaluation of air quality in Georgia based on Moss survey 2019-2022 results. Oral presentation. Virtual Task Force Meeting 36 of the UNECE ICP Vegetation, February 13-15, 2023, p. 34.	https://icpvegetation.ccha.uz/sites/default/files/Pan%20programme/AndAbstracts_ICP_Veg_TFM_2023.pdf			100%	REGATA, IBR-2 FLNP	
17	Aleksiyenak Yu. V., Frontasyeva M.V.	Aleksiyenak Yu. V., Republic of Belarus, НИЦ НАН Беларуси по материаловедению	Fourth moss survey in the republic of Belarus: Brest region case study	Aleksiyenak Yu. V., Frontasyeva M.V. Fourth moss survey in the republic of Belarus: Brest region case study. Oral presentation. Virtual Task Force Meeting 36 of the UNECE ICP Vegetation, February 13-15, 2023, p. 35.	https://icpvegetation.ccha.uz/sites/default/files/Pan%20programme/AndAbstracts_ICP_Veg_TFM_2023.pdf			50%	REGATA, IBR-2 FLNP	
18	Frontasyeva M.	Sihl C., Romania, Valahia University; Ene A., Romania, Galati University	Romanian moss surveys- heavy metals atmospheric deposition temporal trends. Oral presentation.	Sihl C., Ene A., Frontasyeva M.V. Romanian moss surveys - heavy metals atmospheric deposition temporal trends. Oral presentation. Virtual Task Force Meeting 36 of the UNECE ICP Vegetation, February 13-15, 2023, p. 38.	https://icpvegetation.ccha.uz/sites/default/files/Pan%20programme/AndAbstracts_ICP_Veg_TFM_2023.pdf			50%	REGATA, IBR-2 FLNP	
19	Frontasyeva M.V., Zimovscaia I.	Zhuravleva A.N., Bukharina I.L., Kopysova I.V., Koryanova A.P., RF, Udmurt Republic	Analysis of data on the accumulation of trace elements in the biomass of mosses of the Udmurt Republic, Russia. Poster presentation.	Zhuravleva A.N., Bukharina I.L., Kopysova I.V., Koryanova A.P., Frontasyeva M.V., Zimovscaia I. Analysis of data on the accumulation of trace elements in the biomass of mosses of the Udmurt Republic, Russia. Poster presentation. Virtual Task Force Meeting 36 of the UNECE ICP Vegetation, February 13-15, 2023, p. 40.	https://icpvegetation.ccha.uz/sites/default/files/Pan%20programme/AndAbstracts_ICP_Veg_TFM_2023.pdf			50%	REGATA, IBR-2 FLNP	
20	Зиньковская И. И., Фронтаева М.В.	Шавалда Е.С., Судник А.В., Республика Беларусь, Институт экспериментальной ботаники им. В.Ф. Кузнецова Национальной академии наук Беларуси	Эколого-фитоценологический анализ придорожной зоны с оценкой загрязнения почвенного покрова тяжелыми металлами в различных обстановках дороги в центральной части Белоруссии	Шавалда Е.С., Судник А.В., Зиньковская И. И., Фронтаева М.В. Эколого-фитоценологический анализ придорожной зоны с оценкой загрязнения почвенного покрова тяжелыми металлами в различных обстановках дороги в центральной части Белоруссии. Препринт ОИЯИ P18-2022-55, январь 2023, стр. 12. Принято в печать журналом «Трансформация экосистем»	http://www1.jinr.ru/Preprints/2022/55/P18-2022-55.pdf			50%	REGATA, IBR-2 FLNP	
21	Badawy, Wasil M., Dmitriev, Andrey Yu.	Koval, Vladimir Yu. Institute of Archeology of the Russian Academy of Sciences, Moscow 119991, Russia	Geochemical ceramic composition dataset using neutron activation and statistical analyses	Badawy WM, Dmitriev AY, Koval VY (2023) Geochemical ceramic composition dataset using neutron activation and statistical analyses. Data in Brief 48: 109051. doi:https://doi.org/10.1016/j.dib.2023.109051	https://doi.org/10.1016/j.dib.2023.109051			75%	REGATA2, IBR-2 FLNP	
22	Badawy, W. M., Dmitriev, A. Yu, Lobachev, V. V., Chepurchenko, N. N.	Kovalchuk, M. V.; National Research Centre "Kurchatov Institute," Moscow, 123182 Russia Makarov, N. A.; Institute of Archaeology, Russian Academy of Sciences, Moscow, Russia Yatsishina, E. B.; National Research Centre "Kurchatov Institute," Moscow, 123182 Russia Greshnikov, E. A.; National Research Centre "Kurchatov Institute," Moscow, 123182 Russia Dorovatovskii, P. V.; National Research Centre "Kurchatov Institute," Moscow, 123182 Russia Kashkarov, P. K.; Moscow Institute of Physics and Technology, Dolgoprudny, Moscow oblast, 141700 Russia Olkhovskiy, S. V.; Institute of Archaeology, Russian Academy of Sciences, Moscow, Russia Prenayakova, N. N.; National Research Centre "Kurchatov Institute," Moscow, 123182 Russia Svetogorov, R. D.; National Research Centre "Kurchatov Institute," Moscow, 123182 Russia Trunkin, I. N.; National Research Centre "Kurchatov Institute," Moscow, 123182 Russia	The Provenance Study of the Raw Materials of the Ancient Terracotta Found near the Crimean Bridge: Natural-Science Approach	Kovalchuk MV et al. (2023) The Provenance Study of the Raw Materials of the Ancient Terracotta Found near the Crimean Bridge: Natural-Science Approach. Crystallography Reports 67:1279-1291. doi:https://doi.org/10.1134/S1063774522070458	https://doi.org/10.1134/S1063774522070458	0.667	Q3	40%	REGATA2, IBR-2 FLNP	
23	I. Z. Kamanina, W. M. Badawy, S. P. Kaplina,	O. A. Makarov and S. V. Mamikhin; Moscow State university, Faculty of soil sciences	Assessment of Soil Potentially Toxic Metal Pollution in Kolchugino Town, Russia: Characteristics and Pollution	Kamanina IZ, Badawy WM, Kaplina SP, Makarov OA, Mamikhin SV (2023) Assessment of Soil Potentially Toxic Metal Pollution in Kolchugino Town, Russia: Characteristics and Pollution. Land 12:439. doi:https://doi.org/10.3390/land12020439	https://doi.org/10.3390/land12020439	3.9	Q2	80%	REGATA2, IBR-2 FLNP	
24	Badawy, Wasil M., Dmitriev, Andrey Yu, Chepurchenko, Olesia Bulavin, Maksim	Mitwalli, Mohamed; Physics Department, Faculty of Science, Mansoura University, Mansoura 35516, Egypt Saleh, Gehad; Nuclear Materials Authority, El-Maadi, P.O. Box 530, Cairo 11381, Egypt El-Farrash, Ali; Physics Department, Faculty of Science, Mansoura University, Mansoura 35516, Egypt Morsi, Tarek; Radiation Protection and Civil Defense Department, Nuclear Research Centre, Egyptian Atomic Energy Authority, Cairo 13759, Egypt Sallah, Mohammed; Nuclear Materials Authority, El-Maadi, P.O. Box 530, Cairo 11381, Egypt 5 and Higher Institute of Engineering and Technology, New Damietta 34517, Egypt	Neutron Activation Analysis for Geochemical Characterization of Rocks from Gold Mines in Egypt	Badawy WM et al. (2023) Neutron Activation Analysis for Geochemical Characterization of Rocks from Gold Mines in Egypt. Applied Sciences 13:4564. doi:https://doi.org/10.3390/ap13074564	https://doi.org/10.3390/ap13074564	2.838	Q3	75%	REGATA2, IBR-2 FLNP	
25	Aleksikhin V. Yu., Raznikov E. A., Rogov Yu. N., Sadovskiy A. B., Sapozhnikov M. G., Dashkov I. D., Grozdanov D. N., Kopatch Yu. N., Skoy V. R., Fedorov N. A.		Determination of carbon concentration in soil using the tagged neutron method	Alexikhin V. Yu., Raznikov E. A., Rogov Yu. N., Sadovskiy A. B., Sapozhnikov M. G., Dashkov I. D., Grozdanov D. N., Kopatch Yu. N., Skoy V. R., Fedorov N. A. Determination of Carbon Concentration in Soil Using the Tagged Neutron Method. PEPAN Letters, 19 (2022) 717.	http://dx.doi.org/10.1134/S1547471120060024	0.244	Q4	50%	TANGRA	

26	I. Chaprakov, E. Sansarbayar, Y.M. Gledenov	C. Granja, J. Pacik, Advacam, Czech Republic R. Ullar, VSB-Technical University of Ostrava, Ostrava, Czech Republic. D. Poklop, V. Olamsky, Nuclear Physics Institute, Czech Academy of Sciences, Rez, Czech Republic L. Marek, Mathematics-Physics Faculty, Charles University, Czech Republic M. Vialo, European Space Agency, ESA, ESTEC, Keplerlan 1, Noordwijk, 2201 AZ The Netherlands	Detection of fast neutrons with the pixel detector Timepix3	C. Granja, R.Ullar, I.Chaprakov, P.Alexa, E.Sansarbayar, Y.M.Gledenov et al. "Detection of fast neutrons with the pixel detector Timepix3", Journal of Instrumentation, Volume 18, 2023.	DOI 10.1088/1748-0221/18/01/P01003	1.121	Q2	50%	ЭГ-5 ЛНФ ОНЯИ	
27	Yu M Gledenov, E Sansarbayar, I Chaprakov	Jie Liu, Zengqi Cui, Yiwei Hu, Haofan Bai, Cong Xia, Jinxiang Chen, Guohui Zhang, Yuan Gao and Xiangjun Yang - State Key Laboratory of Nuclear Physics and Technology, Institute of Heavy Ion Physics, School of Physics, Peking University, Beijing, Yi Yang, Xichao Ruan - Key Laboratory of Nuclear Data, China Institute of Atomic Energy, People's Republic of China G. Khuikhenkhu - Nuclear Research Centre, National University of Mongolia, Ulaanbaatar, Mongolia. L. Krupa - Flerov Laboratory of Nuclear Reactions, Joint Institute for Nuclear Research, Dubna, Russia.	$^{63}\text{Cu}(n, \alpha)^{60}\text{Co}$ cross sections in the MeV region	Jie Liu, Zengqi Cui, Yiwei Hu, Haofan Bai, Yi Yang, Xichao Ruan, Cong Xia, Jinxiang Chen, Guohui Zhang, Yu M Gledenov, E Sansarbayar, G Khuikhenkhu, L Krupa, I Chaprakov, Hanking Huang, Jie Ren, Qiyen Fan, Yuan Gao and Xiangjun Yang $^{63}\text{Cu}(n, \alpha)^{60}\text{Co}$ cross sections in the MeV region, Journal of Physics G: Nuclear and Particle Physics, Volume 50, Number 4, 2023.	DOI 10.1088/1361-6471/ac9660	3.1	Q1	30%	Peking University, Beijing, People's Republic of China	
28	Aleksander S. Doroshkevich	Carmen Mita, Nicoleta Cornei, (Alexandru Ioan Cuza University, Faculty of Chemistry, Romania); Georgiana Bulai (Alexandru Ioan Cuza University, Integrated Centre for Environmental Science Studies in the North East Development Region – CERNESIM, Romania); Marius Dobromir (Alexandru Ioan Cuza University of Iasi, Department of Exact and Natural Sciences, Institute of Interdisciplinary Research, Romania); Mihaela Girtan (Photonics Laboratory, Angers University, France); Eniko Gyorgy (National Institute for Laser, Plasma and Radiation Physics, Lasers Department, Romania); Diana Mardare (Alexandru Ioan Cuza University, Faculty of Physics, Romania)	The enhancement of the photocatalytic properties of SnF_2/CoO thin films by synergistic effect of Sr doping and H_2O_2 as co-catalyst	Carmen Mita, Nicoleta Cornei, Georgiana Bulai, Marius Dobromir, Mihaela Girtan, Alexander Doroshkevich, Eniko Gyorgy, Diana Mardare, The enhancement of the photocatalytic properties of SnF_2/CoO thin films by synergistic effect of Sr doping and H_2O_2 as co-catalyst, Ceramics International, 2023, ISSN 0272-8842, https://doi.org/10.1016/j.ceramint.2023.01.009 (https://www.sciencedirect.com/science/article/pii/S0272884223000081)	https://doi.org/10.1016/j.ceramint.2023.01.009	5.532	Q1	12.50%		This work was supported by Project no. 31, theme 04-4-1142-2021/2025, Order no. 365/May 11, 2021 and Grant no. 13, theme 04-4-1142-2021/2025, Order no. 367/May 11, 2021.
29	Aleksander S. Doroshkevich, Zhanna V. Mezenzeva, Alisa A. Tatarina	A.V. Maleditskiy, T.E. Konstantinova, G.K. Volkova, D.R. Belichko (Donetsk Institute for Physics and Engineering Named After O.O. Galkin); E. Popov, (JINR, DLPN); M.N. Mirzayev (JINR, FLNR); N. Cornei, (Alexandru Ioan Cuza University, Faculty of Chemistry, Romania); B. Jaisankar (Institute of Physics, Maria Curie-Skłodowska University); L.H. Khlem (Graduate School of Science and Technology, Vietnam Academy of Science and Technology); I. Ristić, Vesna Teofilović (Faculty of Technology, University of Novi Sad); R. Balvanović (University of Belgrade-Archaeology Department, National Museum, Belgrade, Serbia, National Museum, Požarevac, Serbia)	High hydrostatic pressure influence on the properties and tendency to agglomeration of ZrO_2 grains of the Al_2O_3 – YSZ composite ceramics system	A.V. Maleditskiy, T.E. Konstantinova, G.K. Volkova, D.R. Belichko, A.S. Doroshkevich, E. Popov, N. Cornei, B. Jaisankar, Zh. V. Mezenzeva, A.A. Tatarina, M.N. Mirzayev, L.H. Khlem, I. Ristić, V. Teofilović, R. Balvanović, High hydrostatic pressure influence on the properties and tendency to agglomeration of ZrO_2 grains of the Al_2O_3 – YSZ composite ceramics system, Ceramics International, Volume 49, Issue 10, 2023, Pages 16044-16052, ISSN 0272-8842, https://doi.org/10.1016/j.ceramint.2023.01.202 .	https://doi.org/10.1016/j.ceramint.2023.01.202	5.532	Q1	20%		The study was performed in the scope of the RO-JINR project No.366/2021 item 81, RO-JINR grant No. 367/2021 item 27, Poland-JINRcooperation Projects PPPB/168-26/1128/2021, PPPB/120-25/1128/2022, PPPB/120-26/1128/2022, Serbia - JINR cooperation Projects №178 2021 items 7 and 8, JINR-Belarus Cooperation Program, Order No.529, paragraphs 22 and 23, JINR-Vietnam Cooperation Program Order#906 items 4
30	A.S. Doroshkevich, I.G. Genov, Z. Slavkova, M.N. Ilyina	Sh.B. Utamaradova, D.A. Rakhmanov (Institute of Semiconductor Physics and Microelectronics at the National University of Uzbekistan, Tashkent, Uzbekistan)	Impedance Spectroscopy of P-Si, P-Si Irradiated with Protons	Sh.B. Utamaradova, D.A. Rakhmanov, A.S. Doroshkevich, I.G. Genov, Z. Slavkova, M.N. Ilyina Impedance Spectroscopy of P-Si, P-Si Irradiated with Protons // Advanced Physical Research Vol.5, No.1, 2023, pp.5-11	https://doi.org/10.48048/aps.2023.4684			67%		
31	Aleksandr Doroshkevich, Elnar Asgerov	Gmel Imamova, Sakin Jabarov, Zaur Mansimov (Ministry of Science and Education Republic of Azerbaijan, Institute of Radiation Problems, Baku, Azerbaijan); Mustafa Kaya (Department of Chemical Engineering, Siirt University, Siirt, Turkey)	Hydrogen Generation During Thermal Processes of Water Decomposition on the Surface of Nano- ZrO_2 - $3\text{mol}\% \text{Y}_2\text{O}_3$	Imamova, G., Asgerov, E., Jabarov, S., Mansimov, Z., Kaya, M., Doroshkevich, A. (2023). Hydrogen Generation During Thermal Processes of Water Decomposition on the Surface of Nano- ZrO_2 - $3\text{mol}\% \text{Y}_2\text{O}_3$. Trends in Sciences, 20(4), 4684. https://doi.org/10.48048/aps.2023.4684	https://doi.org/10.48048/aps.2023.4684		Q3	33%		
32	Харламов И.И.	Деметриен Д.В., Штенков М.О., Воронин А.Л., Мурин Ю. А. (ФФ, ОНЯИ ЛФВЭЗ, Мерсин М.М. (ФР, НИИЯФ МГУ).	ПУЧКОВЫЕ ИСПЫТАНИЯ ПРОТОТИПА СИСТЕМЫ ОБРАБОТКИ ДАННЫХ КРЕМНИЕВОЙ ТРЕКОВОЙ СИСТЕМЫ ЭКСПЕРИМЕНТА ВМ@N	И.И. Харламов, Д.В. Деметриен, М.О. Штенков, А.Л. Воронин, Ю.А. Мурин // Проблемы и техника эксперимента. — 2023. — № 1. — С. 33–40.	http://dx.doi.org/10.3183/78003281623010123					РФФИ 8-02-40119, 18-02-40113, 19-32-90001
33	Yushin, N.; Zinicovscaia, I.	Abuladze, M.; Asatiani, N.; Kartvelishvili, T.; Sapojnikova, N.; (Andronikashvili Institute of Physics, I. Javakishvili Tbilisi State University, 6 Tamarskavli Str., 0162 Tbilisi, Georgia); Krivosov, D.; (Research Institute for Systems Biology and Medicine (RISBM), 18, Nauchnyy Proezd, 117246 Moscow, Russia); Popova, N.; Safonov, A. (Franklin Institute of Physical Chemistry and Electrochemistry, Russian Academy of Sciences, 31, Leninsky Ave., 199071 Moscow, Russia)	Adaptive Mechanisms of <i>Shewanella xiamenensis</i> DCB 2-1 Metallophilicity	Abuladze, M.; Asatiani, N.; Kartvelishvili, T.; Krivosov, D.; Popova, N.; Safonov, A.; Sapojnikova, N.; Yushin, N.; Zinicovscaia, I. Adaptive Mechanisms of <i>Shewanella xiamenensis</i> DCB 2-1 Metallophilicity. Toxics 2023, 11, 304. https://doi.org/10.3390/toxics11040304	https://doi.org/10.3390/toxics11040304	4.472	Q2	40%	РЕГ АТА НЕР-2	Грант Полномочного Грузии
34	Zinicovscaia, I.; Yushin, N.; Grozdov, D.;	Rodlovskaya, E. (A.N. Nesmeyanov Institute of Organometal Compounds of Russian Academy of Sciences, Vavilova Str., 28, 119991 Moscow, Russia); Khlem, L.H. (Institute of Physics of Vietnamese Academy of Science and Technology, Hanoi 700000, Vietnam)	Yeast–As Bioremediator of Silver-Containing Synthetic Effluents.	Zinicovscaia, I.; Yushin, N.; Grozdov, D.; Rodlovskaya, E.; Khlem, L.H. Yeast–As Bioremediator of Silver-Containing Synthetic Effluents. Bioprocessing 2023, 10, 398. https://doi.org/10.3390/bioprocessing10040398	https://doi.org/10.3390/bioprocessing10040398	5.046	Q1	90%	РЕГ АТА НЕР-2	Грант Полномочного Вьетнама
35	Zinicovscaia, I.; Yushin, N.; Grozdov, D.;	Safonov, A. (Franklin Institute of Physical Chemistry and Electrochemistry, Russian Academy of Sciences, 31, Leninsky Ave., 199071 Moscow, Russia)	Application of <i>Shewanella xiamenensis</i> Placed on Zeolite in Treatment of Silver-Containing Effluents.	Zinicovscaia, I.; Yushin, N.; Grozdov, D.; Safonov, A. Application of <i>Shewanella xiamenensis</i> Placed on Zeolite in Treatment of Silver-Containing Effluents. Minerals 2023, 13, 179. https://doi.org/10.3390/min13020179	https://doi.org/10.3390/min13020179	2.818	Q2	90%	РЕГ АТА НЕР-2	
36	Zinicovscaia I, Yushin N, Grozdov D, Kravchenko E, Tarasov K.	Cepoi L, Chiriac T, Rudi L, Tascu I, (Institute of Microbiology and Biotechnology, Technical University of Moldova, 1 Academiei Str., 2028 Chisinau, Moldova)	Modification of Some Structural and Functional Parameters of Living Culture of <i>Arthrospira platensis</i> as the Result of Selenium Nanoparticle Biosynthesis.	Cepoi L, Zinicovscaia I, Chiriac T, Rudi L, Yushin N, Grozdov D, Tascu I, Kravchenko E, Tarasov K. Modification of Some Structural and Functional Parameters of Living Culture of <i>Arthrospira platensis</i> as the Result of Selenium Nanoparticle Biosynthesis. Materials. 2023; 16(2):852. https://doi.org/10.3390/ma16020852	https://doi.org/10.3390/ma16020852	3.748	Q1	30%	РЕГ АТА НЕР-2	

37	Zinicovscaia, I.; Culicov, O.; Vergel, K.;	Olteanu, R.L.; Radulescu, C., Nicolescu, C.M.; Dalama, I.D. (Institute of Multidisciplinary Research for Science and Technology, Valahia University of Targoviste, 130004 Targoviste, Romania); Breţcan, P.; Tanislav, D. (Faculty of Humanities, Valahia University of Targoviste, 130105 Targoviste, Romania); Bumbac, M. (Faculty of Sciences and Arts, Valahia University of Targoviste, 130004 Targoviste, Romania);	Geochemical Responses to Natural and Anthropogenic Settings in Salt Lakes Sediments from North-Eastern Romanian Plain.	Olteanu, R.L.; Radulescu, C.; Breţcan, P.; Zinicovscaia, I.; Culicov, O.; Vergel, K.; Tanislav, D.; Bumbac, M.; Nicolescu, C.M.; Dalama, I.D.; et al. Geochemical Responses to Natural and Anthropogenic Settings in Salt Lakes Sediments from North-Eastern Romanian Plain. Int. J. Environ. Res. Public Health 2023, 20, 935 https://doi.org/10.3390/ijerph20020935	3.390	Q1	50%	РЕГ АТА ИЕР-2	грант Полномочного Румынии
38	Zinicovscaia, I.; Yushin, N.	Popova, N.; Artemiev, G.; Demina, L.; Safonov, A. (A.N. Frunkin Institute of Physical Chemistry and Electrochemistry, Russian Academy of Sciences, 31-4, Leninsky Prospect, 190071 Moscow, Russia); Boldyrev, K.; Sobolev, D. (The Nuclear Safety Institute of the Russian Academy of Sciences 52, Bolshaya Tulkaya Street, 115191 Moscow, Russia);	Biogeochemical Permeable Barrier Based on Zeolite and Expanded Clay for Immobilization of Metals in Groundwater.	Popova, N.; Artemiev, G.; Zinicovscaia, I.; Yushin, N.; Demina, L.; Boldyrev, K.; Sobolev, D.; Safonov, A. Biogeochemical Permeable Barrier Based on Zeolite and Expanded Clay for Immobilization of Metals in Groundwater. Hydrology, 2023, 10, 4. https://doi.org/10.3390/hydrology10010004		Q2	30%	РЕГ АТА ИЕР-2	
39	A.N. Chernikov		On a 3He Refrigerator Based on Closed-Cycle Cryocooler	Cooling X-ray, Synchrotron and Neutron Techniques, 2023, Vol. 17, No. 2, pp. 473-477 Russian Text © The Author(s), 2023, published in Poverkhnost', 2023, No. 4, pp. 77-82	0.648	Q3	100%	Объединенный институт ядерных исследований, Дубна, Россия	Работа выполнена при финансовой поддержке Министерства науки и высшего образования Российской Федерации, соглашение № 075-10-2021-115 от 13 октября 2021 г. (внутренний номер 15.СИН.21.0021).
40	Arzumanyan G., Mamutkulov K., Arynbek Y., Zakrytnaya D.	Nina Vorobjeva - Department of Immunology, Biology Faculty, Lomonosov Moscow State University, Lenin Hills 1/12, 119234 Moscow, Russia Anka Jevremović - Faculty of Physical Chemistry, University of Belgrade, Studentski trg 12-16, 11000 Belgrade, Serbia	Radiation from UV-A to Red Light Induces ROS-Dependent Release of Neutrophil Extracellular Traps	Arzumanyan, G.; Mamutkulov, K.; Arynbek, Y.; Zakrytnaya, D.; Jevremović, A.; Vorobjeva, N. Radiation from UV-A to Red Light Induces ROS-Dependent Release of Neutrophil Extracellular Traps. Int. J. Mol. Sci. 2023, 24, 5770. https://doi.org/10.3390/ijms24065770	6.208	Q1	95%	"Сonfores CARS" микроспектрометр, Nikon - Eclipse Ts2R-F1 - Флуоресцент микроскоп- ЛИФ ОИЯИ	The work of the JINR team was financed by the Thematic Project "Nanobiophotonics", # 04-4-1333-2018-2023. JINR and University of Belgrade: # 178, item 11, 2022