

		РЭОНИКС										
		ОЭФ										
		НЭОКС										
		СРС										
		вс. указанный	Гр.М.Яв									
№ III	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	Grigory Arzumanyan, Kahrman Mamatkulov	Anka Jevremović, Ana Slančević, Dragana Arsenijević, Aleksandar Arsenijević, Jelena Petrović, Bojana Nedić Vasiljević, Danica Bajuk-Bogdanović, Maja Mijolević-Rakić University of Belgrade Faculty of Physical Chemistry, 11000 Belgrade, Serbia	Mitigating toxicity of acetylaminophenol removal techniques - Fe modified zeolites in focus	Journal of Hazardous Materials, Volume 436, 2022, 129226, ISSN 0304-3894,	<a href="https://doi.org/10.1016/j.jhazmat.2022.129226">https://doi.org/10.1016/j.jhazmat.2022.129226</a>	10.588	Q1	30%	"Confotec CARS" microspectrometer, АФМ, ЛНФ ОИЯИ	The work of the JINR team was financed by the Thematic Project "Nanobiophotonics", # 04-4-1133/2018-2023.		
2	Grigory Arzumanyan, Kahrman Mamatkulov, Yersultan Arynbeek	Siarhei Zavalitski, Hanna Bandarenka, Lukasz Helmańczyk, Joanna Helmańczyk Applied Plasmonics Laboratory, Belarusian State University of Informatics and Radioelectronics, 6 Brovka st., 220013 Minsk, Belarus; Jagiellonian University (FChJ), Dept. of Chemical Physics, 31-007 Krakow, Poland	Model phospholipid interaction with cholesterol and melatonin: Raman spectroscopy and density functional theory study	J Raman Spectrosc. 2022	<a href="http://dx.doi.org/10.1002/jrs.6409">http://dx.doi.org/10.1002/jrs.6409</a>	3.133	Q2	75%	"Confotec CARS" microspectrometer, ЛНФ ОИЯИ	The work of the JINR team was financed by the Thematic Project "Nanobiophotonics", # 04-4-1133/2018-2023. JINR-Poland collaboration program. JINR order # 102. ISSN: 2022, and Russian Science Foundation - Project # 21-19-00761		
3	E. I. Litvinenko and A. A. Bogdzhe		Algorithms and Programs for Express-Analysis of List-Mode Data of Neutron Scattering. Measured on Two-Dimensional Position-Sensitive Detectors with a Delay Line Using Data Acquisition Systems Based on CAEN Digitizers	E. I. Litvinenko and A. A. Bogdzhe, Algorithms and Programs for Express-Analysis of List-Mode Data of Neutron Scattering, Measured on Two-Dimensional Position-Sensitive Detectors with a Delay Line Using Data Acquisition Systems Based on CAEN Digitizers, ISSN 1547-4771, Physics of Particles and Nuclear Letters, 2022, Vol. 15, No. 3, pp. 241-248. © Pleiades Publishing, Ltd., 2022.	<a href="http://www1.jinr.ru/Pep/ep_letters/pamll_2022_0308_Litvinenko_arn_b.pdf">http://www1.jinr.ru/Pep/ep_letters/pamll_2022_0308_Litvinenko_arn_b.pdf</a>			10000%	ОИЯИ, ЛНФ, НЭОКС	075-10-2021-115 of 13 October 2021		
4	O. Daubaev, L. I. Isaenko, A. A. Bogdzhe, S. I. Lobanov, P. G. Krutitsyn, V. M. Milkov, and A. V. Belushkin		Comparative Study of LinSe2 Single Crystals for Thermal-Neutron Detection	O. Daubaev, L. I. Isaenko, A. A. Bogdzhe, S. I. Lobanov, P. G. Krutitsyn, V. M. Milkov, and A. V. Belushkin, Comparative Study of LinSe2 Single Crystals for Thermal-Neutron Detection, ISSN 1093-7745, Crystallography Reports, 2022, Vol. 67, No. 3, pp. 464-469. © Pleiades Publishing, Inc., 2022. Russian Text © The Author(s), 2022, published in Kristallografiya, 2022, Vol. 67, No. 3, pp. 497-502.	<a href="https://library.ru/item.asp?id=48386375">https://library.ru/item.asp?id=48386375</a>				ОИЯИ, ЛНФ, НЭОКС	075-10-2021-115 of 13 October 2021		
5	Yu.M.Gledenov, E. Sansarbayer, I. Chuprakov	Zengqi Cui, Jie Liu, Haoyu Jiang, Yiwei Hu, Haofan Bai, Jinsiang Chen, Guohui Zhang, State Key Laboratory of Nuclear Physics and Technology, Institute of Heavy Ion Physics, School of Physics, Peking University, Beijing 100871, China; G. Khaushenkhuu, Nuclear Research Centre, National University of Mongolia, Ulaanbaatar, Mongolia; Yinlu Han, Xichao Ruan, Hanxiong Huang, Jie Ren, China Institute of Atomic Energy, Beijing 102413, China; L. Krupa, Flerov Laboratory of Nuclear Reactions, Joint Institute for Nuclear Research, Dubna 141980, Russia	Cross section of the $^{232}\text{Th}(n, f)$ reaction in the MeV neutron energy region	Yu.M.Gledenov, Zengqi Cui, Jie Liu, Haoyu Jiang, Yiwei Hu, Haofan Bai, Jinsiang Chen, Guohui Zhang, E. Sansarbayer, G. Khaushenkhuu, L. Krupa, I. Chuprakov, Yinlu Han, Xichao Ruan, Hanxiong Huang, Jie Ren, "Cross section of the $^{232}\text{Th}(n, f)$ reaction in the MeV neutron energy region", Eur. Phys. J. A. 58, Article number: 86 (2022)	<a href="https://doi.org/10.1140/epja/s10050-022-00716-8">https://doi.org/10.1140/epja/s10050-022-00716-8</a>	3.043	Q1	33%	Peking University (PKU) and China Institute of Atomic Energy (CIAE), 4.5 MeV Van de Graaff accelerator and the HI-13 tandem accelerator	the National Natural Science Foundation of China (11775008 and 12075008) and by the Key Laboratory of Nuclear Data foundation (S14Z0620103		
6	A.S. Doroskevich	Danilenko Igor, Gorban Oksana, Shlyo Artem, Volkova Galina, Yaremov Pavlo, Konstantinova Tetyana, Doroshkevich Oksandr, Lyubchik Andriy	Humidity to electricity converter based on oxide nanoparticles	Danilenko Igor, Gorban Oksana, Shlyo Artem, Volkova Galina, Yaremov Pavlo, Konstantinova Tetyana, Doroshkevich Oksandr, Lyubchik Andriy, Humidity to electricity converter based on oxide nanoparticles. JOURNAL OF MATERIALS SCIENCE.	<a href="https://doi.org/10.1007/s10853-021-06657-10">https://doi.org/10.1007/s10853-021-06657-10</a>	IF=4.2	Q1					
7	A.S. Doroskevich	Laptev, R.; Stepanova, E.; Pushulina, N.; Svyatkin, L.; Krotkevich, D.; Lomjgin, A.; Ognev, S.; Siemek, K.; Uglov, V.	Distribution of Hydrogen and Defects in the Zr/Nb Nanoscale	Laptev, R.; Stepanova, E.; Pushulina, N.; Svyatkin, L.; Krotkevich, D.; Lomjgin, A.; Ognev, S.; Siemek, K.; Doroshkevich, A.; Uglov, V. Distribution of Hydrogen and Defects in the Zr/Nb Nanoscale Multilayer Coatings after Proton Irradiation. Materials 2022, 15, 3332	<a href="https://doi.org/10.3390/m15093332">https://doi.org/10.3390/m15093332</a>	IF=3.62	Q2					
8	Oleksandr Doroshkevich	Dan Chioea, Andriy I. Lyubchik	On the Possibility of Designing an Advanced Sensor with Particle Sizing Using Dynamic Light Scattering Time	Dan Chioea, Oleksandr Doroshkevich, Andriy I. Lyubchik On the Possibility of Designing an Advanced Sensor with Particle Sizing Using Dynamic Light Scattering Time Senses Spectral Entropy and Artificial Neural Network // Sensors 22(10):3871 May 2022	<a href="https://doi.org/10.3390/s22103871">DOI: 10.3390/s22103871</a>	IF=4.5	Q1					
9	Doroshkevich, A.; Zakharova, A.; Kirillov, A.; Tatarinova, A.; Bodnarchuk, V.; Balasou, M.	Oksengendler, B.; Lyubchik, A.; Tatarinova, A.; Kirillov, A.; Vasilenko, T.; Gorban, O.; Bodnarchuk, V.; Nikiforova, N.; Zakharova, E.; Balasou, M.; Mandare, D.; Mita, C.	The Rectifying Contact of Hydrated Multi-Dimensional YSZ Nanoparticles for Advanced Electronics	Doroshkevich, A.; Zakharova, A.; Oksengendler, B.; Lyubchik, A.; Tatarinova, A.; Kirillov, A.; Vasilenko, T.; Gorban, O.; Bodnarchuk, V.; Nikiforova, N.; Zakharova, E.; Balasou, M.; Mandare, D.; Mita, C.; Stanculescu, A.; Mirzayev, M.; Nabyev, A.; Popov, E.; Khiam, L.H.; Donkov, A.; Konstantinova, T. The Rectifying Contact of Hydrated Multi-Dimensional YSZ Nanoparticles for Advanced Electronics. // Applied Materials Today Preprints 2022, 2022060075 (doi: 10.20944/preprints202206.0075.v1)	<a href="https://doi.org/10.20944/preprints202206.0075.v1">doi: 10.20944/preprints202206.0075.v1</a>							
10	Aleksandr Doroshkevich, DMITAR NEOV	Mattab N. Mirzayev*, Lyubomir Slavov, Alexander Donkov, Evgeni Popov, Ertugrul Demir, Iyavlo Genov, Bekhzozdon Abdurashimov, Aina Viadesco, Saphina Bira, Tamer Karaman, Zarif Sharipov, Dunya Mirzayeva, Islam Mustafayev, Hokman Mahmudov, Maria Belova, Fadahat Mamedov, To Thang, Marius Stef, Carmen Mita	Effects of neutron irradiation at different fluencies on nanosized anatase titanium dioxide	Mattab N. Mirzayev*, Lyubomir Slavov, Alexander Donkov, DMITAR NEOV, Evgeni Popov, Ertugrul Demir, Iyavlo Genov, Bekhzozdon Abdurashimov, Aina Viadesco, Saphina Bira, Tamer Karaman, Zarif Sharipov, Aleksandr Doroshkevich, Dunya Mirzayeva, Islam Mustafayev, Hokman Mahmudov, Maria Belova, Fadahat Mamedov, To Thang, Marius Stef, Carmen Mita Effects of neutron irradiation at different fluencies on nanosized anatase titanium dioxide // Radiation Physics and Chemistry 194 (2022) 109988. doi.org/10.1016/j.radphyschem.2022.109988 (Q2, IF=2.8)	<a href="https://doi.org/10.1016/j.radphyschem.2022.109988">doi.org/10.1016/j.radphyschem.2022.109988</a>	IF=2.8	Q2					

11	K. Vergel, I. Zinicovscaia	P. Swisłowski, M. Rajfur, M. Wacławek (Institute of Biology, University of Opole, Poland)	Mosses as a biomonitor to identify elements released into the air as a result of car workshop activities.	P. Swisłowski, K. Vergel, I. Zinicovscaia, M. Rajfur, M. Wacławek. Mosses as a biomonitor to identify elements released into the air as a result of car workshop activities. Ecological Indicators, 138, 2022, 108849. <a href="https://doi.org/10.1016/j.ecolind.2022.108849">https://doi.org/10.1016/j.ecolind.2022.108849</a>	6.263	Q1	40%	РЕГАТА ИБР-2	
12	Zinicovscaia, Yushin, N., Grozov, D.	Cepoi, L. I.; Rudi, L.; Chiriac, T.; Djur (Institute of Microbiology and Biotechnology, Chisinau, Moldova)	Assessment of Metal Accumulation by <i>Arthrospira platensis</i> and Its Adaptation to Iterative Action of Nickel Mono- and Polymetallic Synthetic Effluents.	Cepoi, L.; Zinicovscaia, I.; Rudi, L.; Chiriac, T.; Djur, S.; Yushin, N.; Grozov, D. Assessment of Metal Accumulation by <i>Arthrospira platensis</i> and Its Adaptation to Iterative Action of Nickel Mono- and Polymetallic Synthetic Effluents. Microorganisms 2022, 10, 1041. <a href="https://doi.org/10.3390/microorganisms10051041">https://doi.org/10.3390/microorganisms10051041</a>	4.926	Q2	6000%	РЕГАТА ИБР-2	
13	Yushin, N., Zinicovscaia, Grozov, D.	I. Cepoi, L., Chiriac, T., Rudi, L. (Institute of Microbiology and Biotechnology, Chisinau, Moldova)	Biosorption and Bioaccumulation Capacity of <i>Arthrospira platensis</i> toward Europium Ions.	Yushin, N.; Zinicovscaia, I.; Cepoi, L.; Chiriac, T.; Rudi, L.; Grozov, D. Biosorption and Bioaccumulation Capacity of <i>Arthrospira platensis</i> toward Europium Ions. Water 2022, 14, 2128. <a href="https://doi.org/10.3390/w14132128">https://doi.org/10.3390/w14132128</a>	3.530	Q1	80%	РЕГАТА ИБР-2	
14	Trinh Thi Thu My, Marina Frontasyeva & Inga Zinicovscaia	Doan Phan Thao Tien & Do Van Dung (Nhtrang Institute of Technology Research and Application, Vietnam Academy of Science and Technology, Ha Noi, Vietnam), Le Hong Khim (Institute of Physics, Vietnam Academy of Science and Technology, 18 Hoang Quoc Viet, Cau Giay, Ha Noi, Vietnam), Nguyen An Son (Faculty of Physics and Nuclear Engineering, DaLat University, Da Lat, Vietnam)	Studying airborne trace elements in featured areas in Red River Delta and South Central Vietnam using moss technique and neutron activation.	Doan Phan Thao Tien; Trinh Thi Thu My; Le Hong khim; M. Frontasyeva; I. Zinicovscaia; N.A. Son; Do V. D. Studying airborne trace elements in featured areas in Red River Delta and South Central Vietnam using moss technique and neutron activation. J Radioanal Nucl Chem 331, 2743–2750 (2022). <a href="https://doi.org/10.1007/s10967-022-08331-z">https://doi.org/10.1007/s10967-022-08331-z</a>	1.754	Q3	50%	РЕГАТА ИБР-2	
15	Pavel S. Nekhoroshkov, Inga Zinicovscaia, Marina V. Frontasyeva & Octavian G. Duliu	Safa Abdo & Mohamed M. Sherif (Department of Physics, Cairo University, Cairo University Road, Giza, 12613, Egypt).	Status of the Coastal Marine Environment in the Southern Red Sea, Yemen, as Reflected by Elements Accumulated in the Skeletons of Scleractinian (Stony) Corals.	S. Y. Abdo, P. Nekhoroshkov, I. Zinicovscaia, M. M. Sherif, M. Frontasyeva, G. O. Duliu. Status of the Coastal Marine Environment in the Southern Red Sea, Yemen, as Reflected by Elements Accumulated in the Skeletons of Scleractinian (Stony) Corals. Arch Environ Contam Toxicol 83, 95–108 (2022). <a href="https://doi.org/10.1007/s00244-022-00940-9">https://doi.org/10.1007/s00244-022-00940-9</a>	3.692	Q2	80%	РЕГАТА ИБР-2	
16	Frontasyeva M.V.	Gorelova S.V., (Tula State University Russian Federation), Gins M.S. (Peoples' Friendship University of Russia: Federal State Budgetary Scientific Institution "Federal Scientific Vegetable Center" Russian Federation)	Phytoextraction of toxic elements by <i>Amaranthus Tricolor</i> grown on technogenically polluted soils in open ground conditions	Gorelova, S. V.; Gins, M. S.; Frontasyeva, M. V. Phytoextraction of toxic elements by <i>Amaranthus Tricolor</i> grown on technogenically polluted soils in open ground conditions. Chimica Techno Acta, v. 9, p. 2022/258, June 2022. ISSN 2411-1414. Available at: < <a href="https://journals.urfu.ru/index.php/chimtech/article/view/573/64514">https://journals.urfu.ru/index.php/chimtech/article/view/573/64514</a> >. Date accessed: 20 July 2022. doi: <a href="https://doi.org/10.15826/chimtech.2022.9.2.S8">https://doi.org/10.15826/chimtech.2022.9.2.S8</a>	0.41	Q3	30%	РЕГАТА ИБР-2	Геологический институт РАН
17	Wael M. Badawy, Andrey Yu. Dmitriev, Veronica S. Smirnova, Olesia E. Chespuchenko, Valery V. Lobachev, Maria O. Belova, Aleksey M. Galushko	Wael M. Badawy, Radiation Protection and Civil Defense Department, Nuclear Research Center, Egyptian Atomic Energy Authority, (EAEA), Abu Zakhali, Egypt, Yu. Koval, Institute of Archeology of the Russian Academy of Sciences, Moscow, Russia	Formation of reference groups for archaeological pottery using neutron activation and multivariate statistical analyses	Badawy, W. M., Dmitriev, A. Y., Koval, V. Y., Smirnova, V. S., Chespuchenko, O. E., Lobachev, V. V., Belova, M. O., & Galushko, A. M. (2022). Formation of reference groups for archaeological pottery using neutron activation and multivariate statistical analyses. Archaeometry, 1–17. <a href="https://doi.org/10.1111/ar.12793">https://doi.org/10.1111/ar.12793</a>	1.1	Q1	88%	ИРЕН ЛНФ ОИЯИ, ИБР-2 ЛНФ ОИЯИ	
18	Д. И. Николаев, А. И. Бексроев, Т. А. Лычанина	М. Л. Федосеев, С. Н. Петров, НИЦ «Курчатовский институт» – ЦНИИ ИМ «Прометей», Россия	Методические аспекты исследования высокопрочной стали при помощи рентгеновской и нейтронной дифракции	Методические аспекты исследования высокопрочной стали при помощи рентгеновской и нейтронной дифракции. Вопросы материаловедения, № 1(109), 7–15 (2022). <a href="https://doi.org/10.22349/2404-8947/18-2022-109-1-07-15">https://doi.org/10.22349/2404-8947/18-2022-109-1-07-15</a>	0.522	Q3	50%	ИБР-2 ЛНФ ОИЯИ	
19	Pakhnevich, A., Nikolayev, D., Lychagina, T., Balasoiu, M.	Pakhnevich, A., Borisiak Paleontological Institute, Russian Academy of Sciences, Moscow, Russia.; Ibram, O., Danube Delta National Institute for Research and Development, Tulcea, Romania; Balasoiu, M. Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering, Bucharest, Romania	Global Crystallographic Texture of Freshwater Bivalve Mollusks of the Unionidae Family from Eastern Europe Studied by Neutron Diffraction	Global Crystallographic Texture of Freshwater Bivalve Mollusks of the Unionidae Family from Eastern Europe Studied by Neutron Diffraction, Life 2022, 12, 730 <a href="https://doi.org/10.3390/life12050730">https://doi.org/10.3390/life12050730</a>	3, 251	Q2	100%	ИБР-2 ЛНФ ОИЯИ, СКАТ	JNRRomania Projects Nos. 396/27.05.2019 Item 28 and 397/27.05.2019 Item 30, 268/20.05.2020 Item 28 and 269/20.05.2020 Item 31, 366/11.05.2021 Item 26 and 365/11.05.2021 Item 27.
20	A. Rogachev	Yury Zgaidzy, Olga Kolosova, Artem Stetsenko, Cheng Wu, David Bruchien, Konstantin Usachev, Shamil Validov, Lasse Jenner, Andrey Rogachev, Gulnara Yusupova, Matthew S. Sachs, Albert Guskov, Marat Yusupov	E-site drug specificity of the human pathogen <i>Candida albicans</i> ribosome	Science Advances 8, eabn1062 (2022) <a href="https://doi.org/10.1126/sciadv.abn1062">https://doi.org/10.1126/sciadv.abn1062</a>	16.894	Q1	25%	NeCEN, MIPT	
21	A. Rogachev, V. Gordely	Valentin Borshcheyvsky, Kirill Kovalev, Ekaterina Roud, Rousslan Ertomov, Roman Alesakhin, Gleb Bournekov, Dmitry Bratanov, Taras Balandin, Igor Chizhov, Christian Baeken, Ivan Gushchin, Alexander Kuzmin, Aleksey Alekseev, Andrey Rogachev, Dieter Willbold, Martin Engelhard, Ernest Bamberg, Georg Bujdt & Valentin Gordely	True-atomic-resolution insights into the structure and functional role of linear chains and low-barrier hydrogen bonds in proteins	Nature Structural & Molecular Biology volume 29, pages 440–450 (2022). <a href="https://doi.org/10.1038/s41594-022-00762-2">https://doi.org/10.1038/s41594-022-00762-2</a>	15.369	Q1	15%	ESRF, DESY	
22	M. Balasoiu	I. Bica, West University of Timisoara, Advanced Environmental Research Institute, Vasile Parvan 4, 300223 Timisoara, Romania; P. Sfirloaga, National Institute for Research and Development in Electrochemistry and Condensed Matter, Condensed Matter Department, P. Andronescu Street, 300254 Timisoara, Romania	Effects of electric and magnetic fields on dielectric and elastic properties of membranes composed of cotton fabric and carbon/iron microparticles	I. Bica, M. Balasoiu, P. Sfirloaga. Effects of electric and magnetic fields on dielectric and elastic properties of membranes composed of cotton fabric and carbon/iron microparticles. Revells in Physics 35 105332 (2022) <a href="https://doi.org/10.1016/j.rpv.2022.105332">https://doi.org/10.1016/j.rpv.2022.105332</a>	4.565	Q1	40%	WUT, NIRDECIM, Timisoara	JNRRomania Grant No.367/11.05.2021 item 23
23	N. Yu. Samoylova, I.A. Bobrikov, R.N. Vasin, A.M. Balagurov	E.A. Korneeva (ЛЯР ОИЯИ), I.S. Golovin (ИМФ СОС, Россия)	Kinetics of the isothermal A2 to sigma phase transformation in Fe-Cr alloy	N. Yu. Samoylova, I.A. Bobrikov, E.A. Korneeva, R.N. Vasin, A.M. Balagurov, I.S. Golovin. Kinetics of the isothermal A2 to sigma phase transformation in Fe-Cr alloy. Journal of Alloys and Compounds 913 (2022) 165282. <a href="https://doi.org/10.1016/j.jallcom.2022.165282">https://doi.org/10.1016/j.jallcom.2022.165282</a>	4.65	Q1	85	ИБР-2 ЛНФ ОИЯИ, ФДВР	РНФ 19-72-20080.
24	Tatiana N. Murugova, Oleksandr I. Ivankov, Yury L. Ryzhikau, Dmytro V. Solovov, Daria V. Skachkova, Andrey V. Rogachev, Aleksey V. Vlasov, Alexander I. Kuklin, Valentin I. Gordely	Yury L. Ryzhikau (MIPT, Russia), Dmytro V. Solovov (MIPT, Russia, Institute for Safety Problems of Nuclear Power Plants of the Ukrainian NAS, Ukraine), Andriy V. Ishchenko (MIPT, Russia), Andrey V. Rogachev (MIPT, Russia), Aleksey V. Vlasov (MIPT, Russia), Alexander I. Kuklin (MIPT, Russia), Oleksandr I. Ivankov (Taras Shevchenko National University, Institute for Safety Problems of Nuclear Power Plants of the Ukrainian NAS, Ukraine), Kirill V. Kovalev (EMBL Hamburg Outstation, Germany), Adam Rouni (European XFEL GmbH, Germany), Christian Baeken (Forschungszentrum Jülich, Germany), Oleksandr A. Volkov (Forschungszentrum Jülich, Germany), Valentin I. Gordely (Institut de Biologie Structurale Jean-Pierre Ebel, France)	Mechanisms of membrane protein crystallization in 'bicelles'	Murugova, T.N., Ivankov, O.I., Ryzhikau, Y.L. et al. Mechanisms of membrane protein crystallization in 'bicelles'. Sci Rep 12, 11109 (2022). <a href="https://doi.org/10.1038/s41598-022-13945-0">https://doi.org/10.1038/s41598-022-13945-0</a>	4.38	Q1	80%	SAXS instrument Rigaku (MIPT), ESRF (DESY), YuMO spectrometer (IBR-2, JINR)	Romanian Plenipotentiary in the JINR within the JINR Theme 04-41142- 2021/2025 (#367/11.05.2021 item 17)

25	Vershina T.N., Balagurov A.M.	Mohamed A.K. (MISIS, Russia), Palacheva V.V. (MISIS, Russia), Cheverkin V.V. (MISIS, Russia), Muralkrishna G.M. (Institute of Materials Physics, University of Munster, Germany), Esakkiraja N. (Institute of Materials Physics, University of Munster, Germany), Divinski S.V. (Institute of Materials Physics, University of Munster, Germany), Wilde G. (Institute of Materials Physics, University of Munster, Germany), Golovin I.S. (MISIS, Russia).	Low-temperature metastable-to-equilibrium phase transitions in Fe-Ga alloys	Mohamed A.K., Palacheva V.V., Cheverkin V.V., Vershina T.N., Balagurov A.M., Muralkrishna G.M., Esakkiraja N., Divinski S.V., Wilde G., Golovin I.S. Low-temperature metastable-to-equilibrium phase transitions in Fe-Ga alloys, <i>Intermetallics</i> , 145 (2022) 107540.	<a href="https://doi.org/10.1016/j.intermet.2022.107540">https://doi.org/10.1016/j.intermet.2022.107540</a>	4.075	Q1	20%	ИБР-2 ЛНФ ОИЯИ, ФДБФ, рентгеновский дифрактометр EMPYREAN (PANalytical)	проект РФФИ 19-72-20080
26	Vershina T.N.	Tishkevich D.I. (Scientific and Practical Materials Research Centre of NAS of Belarus), Zubar T.I. (Scientific and Practical Materials Research Centre of NAS of Belarus), Zhaludkevich A.L. (Scientific and Practical Materials Research Centre of NAS of Belarus), Razanau I.U. (Scientific and Practical Materials Research Centre of NAS of Belarus), Bondaruk A.A., Zheleznova E.K., Dong M., Hanf M.Y., Sayyed M.I., Silbin M.V., Trukhanov S.V., Trukhanov A.V. (Scientific and Practical Materials Research Centre of NAS of Belarus), Zheleznova E.K. (Scientific and Practical Materials Research Centre of NAS of Belarus), Dong M. (Department of Resource and Environment, Northeastern University, China), Hanf M.Y. (Institute of Physics and Technology, Russia), Sayyed M.I. (Iera University, Jordan), Silbin M.V. (Sachonov First Moscow State Medical University, Russia), Trukhanov S.V. (Scientific and Practical Materials Research Centre of NAS of Belarus), Trukhanov A.V. (Scientific and Practical Materials Research Centre of NAS of Belarus)	Isostatic Hot Pressed W-Cu Composites with Nanosized Grain Boundaries: Microstructure, Structure and Radiation Shielding Efficiency against Gamma Rays	Tishkevich D.I., Zubar T.I., Zhaludkevich A.L., Razanau I.U., Vershina T.N., Bondaruk A.A., Zheleznova E.K., Dong M., Hanf M.Y., Sayyed M.I., Silbin M.V., Trukhanov S.V., Trukhanov A.V. Isostatic Hot Pressed W-Cu Composites with Nanosized Grain Boundaries: Microstructure, Structure and Radiation Shielding Efficiency against Gamma Rays, <i>Nanomaterials</i> , 12 (2022) 1642.	<a href="https://doi.org/10.3390/nano12101642">https://doi.org/10.3390/nano12101642</a>	5.810	Q1	100%	Рентгеновский дифрактометр EMPYREAN (PANalytical)	Ministry of Science and Higher Education of the Russian Federation within the framework of state support for the creation and development of World-Class Research Centers "Digital Biodesign and Personalized Healthcare" No. 075-15-2020-026
27	Vershina T.N.	Zarya M.D. (Университет Дубна, Россия), Корнеева Е.А. (ЛЯР, ОИЯИ, Россия), Galushka I.A. (ВИАМ, Россия), Rimsha P.B. (ВИАМ, Россия), Ivanov M.B. (Центр разработок S7, Россия)	Redistribution of elements in the main and secondary phases and its effect on the microstructure of the Mo-Fe-B cermet alloyed with Cr	Vershina T.N., Zarya M.D., Korneeva E.A., Galushka I.A., Rimsha P.B., Ivanov M.B. Redistribution of elements in the main and secondary phases and its effect on the microstructure of the Mo-Fe-B cermet alloyed with Cr, <i>Ceramics International</i> 48 (14) (2022) 20974-20983	<a href="https://doi.org/10.1016/j.ceramint.2022.04.091">https://doi.org/10.1016/j.ceramint.2022.04.091</a>	5.532	Q1	85%	Рентгеновский дифрактометр EMPYREAN (PANalytical)	
28	Bobrikov I.A., Gapon I.V., Avdeev M.V.		Application of Neutron Scattering to Study Materials and Transition Processes in Lithium Energy Storage Devices at the IBR-2 Pulsed Reactor	Bobrikov I.A., Gapon I.V., Avdeev M.V., Application of Neutron Scattering to Study Materials and Transition Processes in Lithium Energy Storage Devices at the IBR-2 Pulsed Reactor, <i>Physics of Particles and Nuclei</i> , 2022, 53(3), 674-696	<a href="https://doi.org/10.1134/S083778622030030">https://doi.org/10.1134/S083778622030030</a>	0.57	Q4	100%	ФДБФ, РТД ГРЭИНС, ЮМО (реактор ИБР-2 ЛНФ ОИЯИ)	грант РФФИ 21-12-00261
29	P. Hrubovčák, N. Kučerka, O. Ivankov, A. Kuklin	A. Zeleňáková (Institute of Physics, P.J. Šafárik University), P. Hrubovčák (Institute of Physics, P.J. Šafárik University), A. Berkutova (Institute of Physics, P.J. Šafárik University), O. Šofranko (Institute of Physics, P.J. Šafárik University), V. Girman (Institute of Physics, P.J. Šafárik University) and V. Zeleňák (Institute of Chemistry, Faculty of Science, P.J. Šafárik University)	Gadolinium-oxide nanoparticles for cryogenic magnetocaloric applications	A. Zeleňáková, P. Hrubovčák, A. Berkutova, O. Šofranko, N. Kučerka, O. Ivankov, A. Kuklin, V. Girman and V. Zeleňák: Gadolinium-oxide nanoparticles for cryogenic magnetocaloric applications. <i>Scientific Reports</i> 12 (2022) 2282-1-11.	<a href="https://doi.org/10.1038/s41598-022-06132-8">https://doi.org/10.1038/s41598-022-06132-8</a>	4.996	Q1	3000%	YuMO	This work was supported by the Slovak Research and Development Agency under the contracts Nos. APVV-18-0197, APVV-20-0512, by the VEGA Nos. 1/0829/21, 1/0865/21, 1/0743/19 and by support from the Team TRANGET at the Faculty of Science, P. J. Šafárik University in Košice. The authors acknowledge the access to the IBR-2 facility through the FLNP-INR user program and the support through the INR topical themes 04-4-1121-2015/2020 and 04-4-1133-2018/2020.
30	S. Kurakin, O. Ivankov, V. Skot, A. Kuklin, N. Kučerka	D. Uhríková (Faculty of Pharmacy, Comenius University Bratislava, Slovakia)	Cations do not alter the membrane structure of POPC – A lipid with an intermediate area.	S. Kurakin, O. Ivankov, V. Skot, A. Kuklin, D. Uhríková, N. Kučerka; Cations do not alter the membrane structure of POPC – A lipid with an intermediate area. <i>Frontiers in Molecular Biosciences</i> 9 (2022) 926591:1-11	<a href="https://doi.org/10.3389/fmolb.2022.926591">https://doi.org/10.3389/fmolb.2022.926591</a>	6.113	Q1	95%	YuMO	This work was supported primarily by the Russian Science Foundation under grant 19-72-20186, with additional support for SK (densitometry in part) by JINR AYSS-2022 grant 22-402-02, and DU (consultations) by VEGA 1/0223/20 and APVV-17-0250.