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№ ПП	авторский коллектив от ЛНФ ОИЯИ	сторонние соавторы с указанием страны и названием 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	Tomchuk O.V., Avdeev M. V., Aksenov V.L., Ivankov O.I.	Shulenina A.V. (National Research Centre “Kurchatov Institute”, Russian Federation), Ryukhtin V. (Nuclear Physics Institute, ASCR, v.v.i., Czech Republic), Vékás L. (Romanian Academy – Timisoara Branch, Romania), Bulavin L.A. (Taras Shevchenko National University of Kyiv, Ukraine)	Temperature-dependent fractal structure of particle clusters in aqueous ferrofluids by small-angle scattering	Colloids and Surfaces A: Physicochemical and Engineering Aspects 613 (2021) 126090	https://doi.org/10.1016/j.colsurfa.2020.126090	3.990	Q1	80%	YuMO (FLNP JINR), BioMUR (National Research Centre “Kurchatov Institute”), MAUD (Nuclear Physics Institute, ASCR, v.v.i., Czech Republic)	The programs of cooperation JINR – Romania, JINR – Czech Republic are acknowledged.	
2	Vershinina T.N., Bobrikov I. A., Sumnikov S.V., A.M. Balagurov	Boev A.O., Mohamed A.K., Golovin I.S.	Crystal structure and phase composition evolution during heat treatment of Fe-45Ga alloy	Intermetallics, , 2021, 131 (1–5), 107110	https://doi.org/10.1016/j.intermet.2021.107110	3.398	Q1	80%			
3	Vershinina T.	Zubar T., Grabchikov S., Kotelnikova Aю, Kaniukov E., Kutuzau M., Leistner K., Nielsch K., , Tishkevich D., Kanafyev O., Kozlovskiy A., Zdorovets M., Fedosyuk V., Trukhanov A.	Efficiency of magnetostatic protection using nanostructured permalloy shielding coatings depending on their microstructure	Nanomaterials, 2021, 11(3), 634	https://doi.org/10.3390/nano11030634	4.324	Q1	5%			
4	Belozeroва N.M., Kichanov S.E., Kozlenko D.P., Lukin E.V., Savenko B.N.	Jirak Z., Kaman O.	The crystal and magnetic structure of nanostructured manganite La _{0.53} Sr _{0.47} MnO ₃ at high pressure	Materials Chemistry and Physics, 2021, 262, 124310	https://doi.org/10.1016/j.matchemphys.2021.124310	3.408	Q1	90%	DN-6 (FLNP JINR)		
5	Kozlenko D.P., Golosova N. O., Kichanov S.E., Lukin E. V., Savenko B.N.	Yushankhai V.Yu., Hayn R., Richter M.	Pressure-induced structural transition and antiferromagnetism in elemental terbium	Physical Review Materials, 5, 034402, 2021	https://doi.org/10.1103/PhysRevMaterials.5.034402	3.337	Q1	85 %	DN-6 (FLNP JINR)		
6	Kozlenko D.P., Lis O.N., Kichanov S.E., Lukin E.V., Belozeroва N.M., Savenko B.N.		Spin-induced negative thermal expansion and spin–phonon coupling in van der Waals material CrBr ₃	npj Quantum Materials, 6, 1, 1-5 (2021)	https://doi.org/10.1038/s41535-021-00318-5	6.562	Q1	100 %	DN-6 (FLNP JINR)		
7	Abdurakhimov B.A., Kichanov S.E., Kozlenko D. P., Belozeroва N.M., Balasoiu M.	Talmatchi C., Talmatchi G., Belc M.C.	Studies of ancient pottery fragments from Dobruđja region of Romania using neutron diffraction, tomography and Raman spectroscopy	Journal of Archaeological Science: Reports, 35, 102755 (2021)	https://doi.org/10.1016/j.jasrep.2020.102755	1.75	Q3	95%	NRT (FLNP JINR)		
8	<u>Sergey E. Kichanov, Boris N. Savenko, Denis P. Kozlenko</u>	Matthew J. Coak, David M. Jarvis, Hayrullo Hamidov, Andrew R. Wildes, Joseph A. M. Paddison, Cheng Liu, Charles R. S. Haines, Ngoc T. Dang, Sungmin Lee, Marie Kratochvílová, Stefan Klotz, Thomas C. Hansen, Je-Geun Park, and Siddharth S. Saxena	Emergent Magnetic Phases in Pressure-Tuned van der Waals Antiferromagnet FePS ₃	Phys. Rev. X 11, 011024 (2021)	https://doi.org/10.1103/PhysRevX.11.011024	12.577	Q1	50%	DN-6 (FLNP JINR)		
9	Abdurakhimov B.A., Kichanov S.E., Kozlenko D. P., Lukin E.V., Kulikov S. A., Shvetsov V.N., Rutkauskas A.V.	M. Yu. Tashmetov, B.S. Yuldashev, N.B. Ismatov, A. R. Saidov, A.B. Normurodov	New neutron imaging facility at the WWR-SM reactor: Design and first results	Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 989, 164959 (2021)	https://doi.org/10.1016/j.nima.2020.164959	1.265	Q3	80%			
10	I. Yu. Zel, M. Kenessarin, S. E. Kichanov, M. Balasoiu, D.P. Kozlenko, K. Nazarov	M. Nicu, L. Ionascu, A.C. Dragolici, F. Dragolici	Spatial distribution of graphite in cement materials used for radioactive waste conditioning: An approach to analysis of neutron tomography data	Cement and Concrete Composites, 103993, 2021	https://doi.org/10.1016/j.cemconcomp.2021.103993	6.257	Q1	80%	NRT (FLNP JINR)		
11	Sumnikov S.V., Islamov A. Kh., Vasin R.N., Bobrikov I. A., Balagurov A.M.	Sun L.Y., Churyumov A.Y., Golovin I.S. (MISIS, Russia) Cheng W.C. (Department of Mechanical Engineering, NTUST, Taipei, Taiwan)	Spinodal decomposition influence of austenite on martensitic transition in a Mn-13 at.%Cu alloy	Journal of Alloys and Compounds. 2021. V. 853. 157061.	https://doi.org/10.1016/j.jallcom.2020.157061	4.650	Q1	7500%	HRFD, YuMO, X-ray diffractometer (FLNP JINR), FEI Tecnai G2 F-20 TEM, LABSYS DTA-DSC (MISIS)	RFBR project 1858-52007 Grant # MOST-107-2923-E-011-003-MY3, Ministry of Science and Technology, Taiwan	
12	Vasin R.	Lokajiček T., Svitek T., Petružálek M. (Institute of Geology of the Czech Academy of Sciences, Prague, Czech Republic) Kotrlý M., Turková I., Onysko R. (Institute of Criminalistics Praha, Prague, Czech Republic) Wenk H.R. (University of California, Berkeley, CA, USA)	Intrinsic elastic anisotropy of Westerly granite observed by ultrasound measurements, microstructural investigations, and neutron diffraction	Journal of Geophysical Research Solid Earth. 2021. V. 126. e2020JB020878.	https://doi.org/10.1029/2020JB020878	3.64	Q1	5000%	SKAT (FLNP JINR), Ultrasonic sounding apparatus (IG AS CR, Prague), SEM MIRA 3 RISE TESCAN (ICP, Prague)	Czech Science Foundation research grants 16-03950S and 18-08826S, Czech Academy of Sciences project RVO 67985831, Ministry of the Interior of the Czech Republic VI20152020035, NSF (EAR 1343908), DOE (DE-FG02-05ER15637).	

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№ ПП	авторский коллектив от ЛНФ ОИЯИ	сторонние соавторы с указанием страны и названием 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.)
13	Andrey Rogachev	Tatsiana Varaksa, Sergey Bukhdruker, Irina Grabovec, Egor Marin, Anton Kavaleuski, Anastasiia Gusach, Kirill Kovalev, Ivan Maslov, Aleksandra Luginina, Dmitrii Zabelskii, Roman Astashkin, Mikhail Shevtsov, Sviatlana Smolskaya, Anna Kavaleuskaya, Polina Shabunya, Alexander Baranovsky, Vladimir Dolgopalets, Yury Charnou, Aleh Savachka, Raisa Litvinovskaya, Alaksiej Hurski, Evgeny Shevchenko, Andrey Rogachev, Alexey Mishin, Valentin Gordeliy, Andrei Gabrielian, Darrell E. Hurt, Boris Nikonenko, Konstantin Majorov, Alexander Apt, Alex Rosenthal, Andrei Gilep, Valentin Borshchevskiy, Natallia Strushkevich	Metabolic Fate of Human Immunoactive Sterols in Mycobacterium tuberculosis	Journal of Molecular Biology, Volume 433, Issue 4, 2021, 166763	https://doi.org/10.1016/j.jmb.2020.166763	4.760	Q1	10%	ESRF	
14	Абдурахимов Б., Попов Е., Генов И., Булавин М.	M.N.Mirzayev(a,b), B.A.Abdurakhimov(b,c), E.Demir(d), A.A.Donkov(b,e), E.Popov(b,e,f), M. Yu. Tashmetov(c,l), G.Genov(b,g), T.T.Thabethe(8), K. Siemek(b,h), K.Krezhov(i), F.Mamedov(b,j), D.M. Mirzayeva(b), M.V.Bulavin(b), V.A.Turchenko(b), T. X.Thang(k), T.Z.Abdurakhmonov(l), P.Horodek(h), (a) Institute of Radiation Problems, Azerbaijan National Academy of Sciences, Baku, AZ1143, Azerbaijan, (b) Joint Institute for Nuclear Research, Dubna, Moscow distr., 141980, Russia, (c)Institute of Nuclear Physics, Academy of Sciences of Uzbekistan, Tashkent, 100214, Uzbekistan, (d)Yeditepe University, Physics Department, Istanbul, 34755, Turkey, (e)Institute of Solid State Physics, Bulgarian Academy of Sciences, Sofia, 1784, Bulgaria, (f)Institute for Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences, Sofia, 1784, Bulgaria, (g)Institute of Electrochemistry and Energy Systems, Bulgarian Academy of Sciences, Sofia, 1113, Bulgaria, (8)Department of Physics, University of Pretoria, Gauteng, 0028, South Africa, (h)Institute of Nuclear Physics, Polish Academy of Sciences, Krakow, PL-31342, Poland, (i)Institute of Electronics, Bulgarian Academy of Sciences, Sofia, 1784, Bulgaria, (j)Czech Technical University in Prague, CZ-11000, Prague, Czech Republic, (k) Institute of Materials Sciences, Vietnam Academy of Science and Technology, 18 Hoang Quoc Viet, Cau Giay, Hanoi, Vietnam, (l)Department of Physics, National University of Uzbekistan, 100174, Tashkent, Uzbekista	Investigation of the formation of defects under fast neutrons and gamma irradiation in 3C-SiC nano powder	Physica B: Condensed Matter Volume 611, 15 June 2021, 412842	https://doi.org/10.1016/j.physb.2021.412842	1.902	Q3	30%	ИБР 2, ПАС	
15	Попов Е., Генов И., Булавин М., Бескровный А. И.	E Demir(b,d), MN Mirzayev(a,b), EP Popov(b,e,f), P Horodek(h), IG Genov(g), K Siemek(b,h), DM Mirzayeva(b), VA Turchenko(b), M Bulavin(b), AI Beskrovnyi(b), AH Valizade(a), HV Akhundzada(a), SI Karaaslan(d), (a)Institute of Radiation Problems, Azerbaijan National Academy of Sciences, Baku, AZ1143, Azerbaijan, (b)Joint Institute for Nuclear Research, Dubna, Moscow distr., 141980, Russia,(d) Yeditepe University, Physics Department, Istanbul, 34755, Turkey, (e)Institute of Solid State Physics, Bulgarian Academy of Sciences, Sofia, 1784, Bulgaria, (f)Institute for Nuclear Research and Nuclear Energy, Bulgarian Academy of Sciences, Sofia, 1784, Bulgaria, (g)Institute of Electrochemistry and Energy Systems, Bulgarian Academy of Sciences, Sofia, 1113, Bulgaria, (h)Institute of Nuclear Physics, Polish Academy of Sciences, Krakow, PL-31342, Poland,	Effects of high-energetic 3He+ ion irradiation on tungsten-based composites	Vacuum Volume 184, February 2021, 109934	https://doi.org/10.1016/j.vacuum.2020.109934	2.906	Q1	30%	ИБР 2, ПАС	
16	T.V. Tropin, Y. Kosiachkin, I.V. Gapon, Y.E. Gorshkova, V.L. Aksenov	M.L. Karpets (Institute of Experimental Physics, Kosice, Slovakia)	Evaluation of fullerenes C60/C70 layers in polystyrene thin films by neutron and X-ray reflectometry	Volume 184, February 2021, 109934	https://doi.org/10.1080/1536383X.2021.1901276	1.61	Q3	100%	GRAINS, IBR-2; X-ray reflectometry (FLNP); AFM (FLNP);	This work was supported by the JINR-Poland grant (75/2020 #18). The AFM measurements were supported by the Grant JINR – Romania No. 267/2020.

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№ ПП	авторский коллектив от ЛНФ ОИЯИ	сторонние соавторы с указанием страны и названием 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.)	
17	M. A. Kiselev, D. N. Selyakov		Investigation of the Structure of a Dimyristoyl Phosphatidylcholine Bilayer via Neutron Reflectometry	Journal of Surface Investigation: X-ray, Synchrotron and Neutron Techniques, 2021, Vol. 15, No. 2, pp. 327–331. © Pleiades Publishing, Ltd.	DOI: 10.1134/S1027451021020245	0.77		100%	AMOR, SINQ, Paul Scherrer Institute, Switzerland	Russian Science Foundation, grant no. 14-12-00516.	
18	Inga Zinicovscaia, Constantin Hramco, Omari Chaligava, Nikita Yushin, Dmitrii Grozdov, Konstantin Vergel	Gheorghe Duca (Institute of Chemistry, 2002 Chisinau, Moldova)	Accumulation of Potentially Toxic Elements in Mosses Collected in the Republic of Moldova	Plants, 2021,10, 471	https://doi.org/10.3390/plants10030471	2.762	Q1	100%	ИБР-2, ЛНФ ОИЯИ		
19	Badawy WM, Frontasyeva MV.	Duliu OG (Romania), El Samman H, El-Taher A, (Egypt)	A review of major and trace elements in Nile River and Western Red Sea sediments: An approach of geochemistry, pollution, and associated hazards	Applied Radiation and Isotopes	https://doi.org/10.1016/j.apradiso.2021.109595	1.270	Q3	100%	ИБР-2, ЛНФ ОИЯИ	В рамках совместных проектов с Египтом (ASRT-JINR)	
20	Chaligava, O. Badawy, Wael M. Frontasyeva, Marina V. Zinicovscaia, I. Vergel, K. Yushin, N.	Shetekauri, Sh, Shetekauri, T. Kvlividze, A. (Georgia)	Characterization of Trace Elements in Atmospheric Deposition Studied by Moss Biomonitring in Georgia	Archives of Environmental Contamination and Toxicology	10.1007/s00244-020-00788-x	2.400	Q2	100%	ИБР-2, ЛНФ ОИЯИ		
21	I. Zinicovscaia	L. Cepoi, L. Rudi, T. Chiriac, V. Miscu, V. Rudic (Moldova)	Biochemical changes in microalga Porphyridium cruentum associated with silver nanoparticles biosynthesis	Archives of Microbiology., 2021	https://doi.org/10.1007/s00203-020-02143-z	1.884	Q2	40%	ИБР-2, РЕГАТА, ЛНФ ОИЯИ		
22	N. Yushin, P. Nekhoroshkov, D. Grozdov, A. Sergeeva, I. Zinicovscaia.	L. Zote, K. Lalammawia, A. Buragohain, Lalrinhlupui, B. Kakki, R.Lalmuanpuii, Z. Pachuau, J. Vanlalhrauaia, R. Bose Muthukumaran, N. Senthil Kumar, L. Jahau, M. Sudarshan (India)	Macro-, Micro-and TraceElement Distribution in Areca Nut, Husk and soil of Northeast India.	Environmental Monitoring and Assessment. 193, 65 (2021)	https://doi.org/10.1007/s10661-021-08859-9	1.902	Q2	50%	РЕГАТА, ИБР-2, ЛНФ ОИЯИ		
23	N. Yushin, I. Zinicovscaia.	A. Safonov, N. Popova, N. Andrushenko, K. Boldyrev,	Investigation of the materials for the reactive permeable barrier for cadmium and chromium (VI) removal in the aquifer near the solid domestic waste landfill.	Environ Sci Pollut Res (2021) 28:4645–4659.	https://doi.org/10.1007/s11356-020-10743-x	3.056	Q2	50%	РЕГАТА, ИБР-2, ЛНФ ОИЯИ		
24	P. Nekhoroshkov, M. Frontasyeva, I. Zinicovscaia, N. Yushin, K. Vergel, L.	J. Bezuidenhout, Petrik (South Africa)	Trace Elements Risk Assessment for Consumption of Wild Mussels along South Africa Coastline.	Journal of Food Composition and Analysis, 2021	https://doi.org/10.1016/j.jfca.2021.103825	3.721	Q1	80%	РЕГАТА, ИБР-2, ЛНФ ОИЯИ	в рамках проекта ОИЯИ-Южная Африка	
25	I. Zinicovscaia, S. S. Pavlov, M. V. Frontasyeva	A.L. Ivlieva, E.N. Petritskaya, D. A. Rogatkin, V. A. Demin, A. A. Glazkov	Impact of chronic oral administration of silver nanoparticles on cognitive abilities of mice.	Physics of Particles and Nuclei Letters, 2021, Vol. 18(2), 250–265			Q3	45%	РЕГАТА, ИБР-2, ЛНФ ОИЯИ	грант РФФИ	
26	O. Chaligava, M. Frontasyeva, K. Vergel, D. Grozdov	I. Nikolaev, Kh. Khetagurov, Yul. Lavrinenko, A. Bazaev	First Results on Moss Biomonitring of Trace Elements in the Central Part of Georgia, Caucasus	Atmosphere 2021, 12(3)	https://doi.org/10.3390/atmos12030317	2.397	Q2	70%	РЕГАТА, ИБР-2, ЛНФ ОИЯИ		
27	A. S. Sergeeva; I. Zinicovscaia; K. Vergel; N. Yushin	Aničić Urošević M. (Serbia)	The effect of heavy industry on air pollution studied by active moss biomonitring in Donetsk region (Ukraine).	Archives of Environmental Contamination and Toxicology, 2021	https://doi.org/10.1007/s00244-021-00834-2	2.400	Q2	100%	РЕГАТА, ИБР-2, ЛНФ ОИЯИ		
28	Alisa A. Tatarinova, A.S. Doroshkevich, O.Yu.	O.S. Pestov, P.P. Gladyshev (Dubna State University)	Development of siloxane coating with oxide fillers	Energies, (Preprint), Received: 29 January 2021	doi: 10.20944/preprints202101.0001.v1	1.1	Q2	30%	ЕГ-5, ЛНФ ОИЯИ	Программа сотрудничества ОИЯИ - Румыния, Программа сотрудничества ОИЯИ - Республика Польша	
29	Doroshkevich A.S., Aleksandrov V.A.	Maletsky A.V., Belichko D.R., Konstantinova T.E., Volkova G.K., Lakusta M.V., Burkhovetskiy V.A.	STRUCTURE FORMATION AND	Ceramics International (Preprint)	https://doi.org/10.1016/j.ceramint.2021.03.286	3,83	Q1	30%	ЕГ-5, ЛНФ ОИЯИ	Программа сотрудничества ОИЯИ - Румыния, Программа сотрудничества ОИЯИ - Республика Польша	

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