

НЭО НИКС
ОЯФ
НЭОКС
СРС
Гр.№1 ЯБ

№ 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
1	D. Nikolayev, T. Lychagina	M.Kucerakova, S. Vratislav, L. Kalvoda (Czech Technical University in Prague, Czech Republic), J. Rohlicek (Institute of Physics, Czech Academy of Sciences, Czech Republic), K. Douda (Czech University of Life Sciences in Prague, Czech Republic)	Texture Study of Sinanodonta Woodiana Shells by X-Ray Diffraction	Journal of Surface Investigation X-ray Synchrotron and Neutron Techniques 15(3):640-643, (2021) DOI: 10.1134/S1027451021030289	https://link.springer.com/article/10.1134%2FS1027451021030289	0.359
2	R.N. Vasin	S.V. Raju, S.K. Saxena (Florida International University, USA), B.K. Godwal, R. Jeanloz, H.-R. Wenk (UC Berkeley, USA)	Deformation of binary and boron-doped Ni3Al alloys at high pressures studied with synchrotron X-ray diffraction	Journal of Applied Physics 129, 225101 (2021)	https://doi.org/10.1063/5.0037012	2.286
3	Ryzhykau, Y. L.; Rulev, M. I.; Vlasov, A. V.; Murugova, T. N.; Rogachev A.V.; Kuklin, A. I.; Gordeliv, V. I.	P.S. Orekhov (MIPT, Russia), I.A. Melnikov (ESRF, France), D.A. Volkov (Forschungszentrum Jülich, IBI-7: Structural Biochemistry, Germany), M.Y. Nikolaev (MIPT, Russia), D.V. Zabelskii (MIPT, Russia), V.V. Chupin (MIPT, Russia), A.Y. Gruzinov (EMBL, Germany), D.I. Svergun (EMBL, Germany), M.E. Brennich (EMBL Grenoble Outstation, France), I.Y. Gushchin (MIPT, Russia), M. Soler-Lopez (ESRF, France), A. Bothe (Max Planck Institute of Molecular Physiology, Germany), G. Büldt (MIPT, Russia), G. Leonard (ESRF, France), M. Engelhard (Max Planck Institute of Molecular Physiology, Germany)	Molecular model of a sensor of two-component signaling system	Scientific Reports 2021, 11, (1), 10774.	https://www.nature.com/articles/s41598-021-89613-6	3.998
4	Aydeev M.V., Ivankov O.I.	I.Safarik, J.Prochazkova, M.A.Schroer, V.M.Garamus, P.Kopcansky, M.Timko, M.Rajnak, M.Karpets, V.I. Petrenko, L.Bulavin, K.Pospiskova	Cotton Textile/Iron Oxide Nanozyme Composites with Peroxidase-like Activity: Preparation, Characterization, and Application	ACS Applied Materials & Interfaces 2021, 13, 23627–23637	DOI: 10.1021/acsami.1c02154	8.758
5	Artykulnyi O.P., Kuklin A.I.	Ospennikov A.S., Gavrilov A.A., Shibaev A.V., Novikov V.V., Phillipova O.E.	Transformations of wormlike surfactant micelles induced by a water-soluble monomer	Journal of Colloid and Interface Science 2021, 602 (15), 590-601	https://doi.org/10.1016/j.jcis.2021.05.062	7.489
6	M. Balasoiu	M. Bunoiu, I. Bica, G. Pascu (West University of Timisoara, Faculty of Physics, Romania), G. Vlase, T. Vlase (West University of Timisoara, Research Center for Thermal Analysis in Environmental Problems)	Study of thermal stability of some magnetorheological elastomers	Romanian Reports in Physics 73(2) 505 (2021)	http://www.rrp.infim.ro/2021/AN73503.pdf	2.147
7	D. Soloviov, A.Rogachev, V. Gordeliv		Structure-based insights into evolution of rhodopsins	Nature Communications Biology, 2021. 4(1)	https://www.nature.com/articles/s42003-021-02326-4	6.268
8	A.I.Kuklin, O.I. Ivankov, A.V. Rogachev, D.V. Soloviov, A.K. Islamov, V.V. Skoi, Y.S. Kovalev, A.V. Vlasov, Y.L. Ryzhykau, N. Kucerka, V.I. Gordeliv.		Small-Angle Neutron Scattering at the Pulsed Reactor IBR-2: Current Status and Prospects.	Crystallography Reports 2021 Vol. 66 Issue 2 Pages 231-241	https://link.springer.com/article/10.1134%2FS1063774521020085	0.661
9	T. Kondela, M. Vorobyeva, K. Mamatkulov, D. Soloviov, P. Hrubovčák, K. Kholmurodov, G. Arzumanyan, N. Kučerka,	E. Dushanov (JINR, Russia), E. Drolle (Department of Biology, University of Waterloo, Waterloo, Ontario, Canada), Z. Leonenko (Department of Biology, University of Waterloo, Waterloo, Ontario, Canada)	Investigating the competitive effects of cholesterol and melatonin in model lipid membranes.	Biochimica et Biophysica Acta - Biomembranes, 2021. 1863(9).	https://www.sciencedirect.com/science/article/pii/S0005273621001012?via%3Dihub	3.747

10	I. Yu Zel, T.I. Ivankina, S.E. Kichanov, D.P. Kozlenko	M. Petruzalek, T. Lokajicek (IG CAS CZ, Prague) I. Porosnicu (National Institute for Laser, Plasma and Radiation Physics, Romania), P. Schnabl, P. Pruner (IG CAS CZ, Prague), O.G. Duluu (University of Bucharest, Romania)	Assessment of structural, magnetic, and P-wave velocity anisotropy of two biotite gneisses from X-ray and neutron tomography	Tectonophysics 812 (2021) 228925	https://doi.org/10.1016/j.tecto.2021.228925	3.325
11	Vershinina T.N.,	Boev A.O., Mohamed A.K., Golovin I.S.	Crystal structure and	Intermetallics	https://doi.org/10.1016/	3.758
12	Andrey Rogachev	Marina Volkova, Anastasia Atamas, Alexey	Cation Transporters	Biomolecules 2021, 11(4),	https://doi.org/10.3390/	4.694
13	Maria Bălășoiu, Andrey	Claudia G. Chilom, Nicoleta Sandu, Sorina	Interactions of	Int. J. Mol. Sci. 2021,	https://doi.org/10.3390/	5.923
14	S.E. Kichanov, K.M.	A. El. Abd, M. Taman, E. Hamad	Implementation of	Construction and Building	https://doi.org/10.1016/	6.141
15	S.E. Kichanov	K. Annamalai, R. Radha, M. Navaneethan, S.	Ice Bath Assisted	ECS Journal of Solid State	https://doi.org/10.1149/	2.070
16	I. Yu. Zel, M.	M Nicu, L. Ionascu, AC Dragolici (IFIN-HH); F	Spatial distribution of	Cement and Concrete	https://doi.org/10.1016/	7.586
17	D. P. Kozlenko, S. E.	N. T. Dang, R. P. Madhogaria, L. T. P. Thao, N.	Competing magnetic	Phys. Rev. Materials 5,	https://doi.org/10.1103/	3.989
18	G. Hristozova, I.	A. Ciocarlan, A. Aricu, I. Dragalin, V. Popescu	Determination of the	Agronomy 2021, 11, 1011.	https://doi.org/10.3390/	2.603
19	I. Zinicovscaia, D. Grozdov,	L. Cepoi, L. Rudi, T. Chiriac (Institute of Microbiology	Effect of zinc-containing	Environmental Science and	https://doi.org/10.1007/	3.056
20	O. Chaligava, M.	Ö. Kılıç, M. Belivermiş, E. Sıkdokur, N. Sezer, S. Akyl	Temporal Changes of	Journal of Radioanalytical and	https://doi.org/10.1007/	1.137
21	I. Zinicovscaia, N. Yushin,	A. L. Ivlieva, E. N. Petritskaya, D. A. Rogatkin	Assessment of TiO2	Physics of Particles and	DOI:	
22	Zinicovscaia, I.; Yushin, N.;	Safonov, A. (Frumkin Institute of Physical	Metal Removal from	Materials, 2021, 14, 1760.	https://doi.org/10.3390/	3.057
23	A. S. Sergeeva; I.	Aničić Urošević M (Institute of Physics Belgrade)	The effect of heavy	Archives of Environmental		2.4
24	V. Furman; Yu. Kopatch	Simone Amaducci, Nicola Colonna, Luigi		Universe 7, 200 (2021)	10.3390/universe70602	1.79
25	V. Furman; Yu. Kopatch	M. Dietz, C. Lederer-Woods, A. Tattersall	Measurement of the	Physical Review C 103,	10.1103/physrevc.103	2.99
26	V. Furman; Yu. Kopatch	V. Babiano-Suarez, J. Lereendegui-Marco, J.	Imaging neutron	The European Physical	10.1140/epja/s10050-	2.18
27	V. Furman; Yu. Kopatch	A. Gawlik, C. Lederer-Woods, J. Andrzejewski	Radiative Neutron	Acta Physica Polonica A	10.12693/aphyspola.13	0.58
28	A. Svozilíková Krakovská	J. Bitta, V. Svozilík (Faculty of Materials Science	The Neural Network	Atmosphere 2021, 12(4),	https://doi.org/10.3390/	2.686
29	A. Svozilíková Krakovská	V. Svozilík, J. Bitta, P. Jančík (Faculty of	Comparison of the Air	Atmosphere 2021, 12(6),	https://doi.org/10.3390/	2.686
30	N. A. Fedorov, D. N.	A. Kumar-Banaras Hindu University, 221005	Inelastic scattering of	Eur. Phys. J. A	https://doi.org/10.1140/	3.043
31	S.B. Dabylova, Yu.N.	E.P. Bogolyubov, V.I. Zverev, Yu.N. Barmakov -	Measuring the yields	Eurasian Journal of	http://ephys.kz/index.ph	-
32	Yu.N.Pokotilovski	A.Addazi et al., HIBEAM/NNBAR collaboration	New high-sensitivity	Journ. Phys. G: Nucl. Part.	https://doi.org/10.1088/	3.045
33	V.V. Kruglov at all	https://content.iospress.com/download/journal-of-	Wide-aperture back-	Journal of Neutron	https://content.iospress/	0.84
34	Е.П. Шабалин, М.М.		Способ снижения	Письма в ЭЧАЯ, 2021,	http://www1.jinr.ru/Pepa	
35	A.A. Hassan, E.P.		Fourth Generation	Physics of Atomic Nuclei,	https://link.springer.co	
36	Tom 'a's Kondela,	Elizabeth Drolle, Zoya Leonenko. Department of	Investigating the	BBA - Biomembranes 1863	https://doi.org/10.1016/j	3.905
37	Arzumanyan G.M.,	Orlov S.N., Polivanov Yu. N., Fabelinsky V. I.,	Plasmon resonance,	J Raman Spectrosc. 2021;	https://doi.org/10.1002/j	2.725
38	Ю. Н. Пепельшев, Д.		о циклическом	о циклическом изменении	http://www1.jinr.ru/Prep	