

Sergey E Kichanov

List of Publications by Year in descending order

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152
papers

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361413

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all docs

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docs citations

152
times ranked

1543
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge-ordering transition in iron oxide Fe ₄ O ₅ involving competing dimer and trimer formation. Nature Chemistry, 2016, 8, 501-508.	13.6	54
2	Competition between ferromagnetic and antiferromagnetic ground states in multiferroic BiMnO_3 at high pressures. Physical Review B, 2010, 82, .	3.2	48
3	The DN-6 Neutron Diffractometer for High-Pressure Research at Half a Megabar Scale. Crystals, 2018, 8, 331.	2.2	45
4	Competing magnetic and structural states in multiferroic YMn_2O_5 at high pressure. Physical Review B, 2015, 92, .	3.2	38
5	Spin-induced multiferroicity in the binary perovskite manganite Mn ₂ O ₃ . Nature Communications, 2018, 9, 2996.	12.8	38
6	Emergent Magnetic Phases in Pressure-Tuned van der Waals Antiferromagnet FePS_3 . Physical Review X, 2021, 11, .	8.9	36
7	High-pressure effect on the crystal and magnetic structures of the frustrated antiferromagnet YMnO_3 . JETP Letters, 2005, 82, 193-197.	1.4	34
8	Neutron radiography and tomography facility at IBR-2 reactor. Physics of Particles and Nuclei Letters, 2016, 13, 346-351.	0.4	33
9	High-pressure effect on the ferroelectric-paraelectric transition in PbTiO_3 . Physics of the Solid State, 2011, 53, 2300-2304.	0.6	32
10	Sequential Cobalt Magnetization Collapse in ErCo_2 : Beyond the Limits of Itinerant Electron Metamagnetism. Scientific Reports, 2015, 5, 8620.	3.3	31
11	Spin-induced negative thermal expansion and spin-phonon coupling in van der Waals material CrBr_3 . Npj Quantum Materials, 2021, 6, .	5.2	29
12	Structural polymorphism in multiferroic BiMnO_3 at high pressures and temperatures. Journal of Alloys and Compounds, 2014, 585, 741-747.	5.5	28
13	Structural and magnetic properties of Cr_2O_3 at high pressure. Journal of Alloys and Compounds, 2017, 722, 593-598.	5.5	27
14	The structural, magnetic and vibrational properties of Ti-doped BaMnO_3 . Journal of Alloys and Compounds, 2017, 695, 2539-2548.	5.5	26
15	Pressure-induced change in the magnetic ordering of TbMnO_3 . Physical Review B, 2011, 84, .	3.2	25
16	Neutron Radiography Facility at IBR-2 High Flux Pulsed Reactor: First Results. Physics Procedia, 2015, 69, 87-91.	1.2	25
17	Structural, magnetic and vibrational properties of multiferroic GaFeO_3 at high pressure. Journal of Alloys and Compounds, 2016, 684, 352-358.	5.5	25
18	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. Ceramics International, 2018, 44, 14974-14979.	4.8	25

#	ARTICLE	IF	CITATIONS
19	Pressure-induced polar phases in relaxor multiferroic $\text{PbFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$. <i>Journal of Applied Physics</i> , 2007, 101, 114102.	3.2	24
20	Structural Polymorphism of Mn-Doped BaTiO ₃ . <i>Journal of Electronic Materials</i> , 2016, 45, 2477-2483.	2.2	24
21	Pressure-induced spin fluctuations and spin reorientation in hexagonal manganites. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 156228.	1.8	20
22	Pressure-induced modifications of the magnetic order in the spin-chain compound $\text{CaMn}_2\text{P}_2\text{O}_{14}$. <i>Physical Review B</i> , 2013, 87, 040408.	3.2	20
23	Magnetic and electronic properties of magnetite across the high pressure anomaly. <i>Scientific Reports</i> , 2019, 9, 4464.	3.3	19
24	Magnetic properties of TbCo ₂ compound at high pressures. <i>Journal of Alloys and Compounds</i> , 2013, 551, 702-710.	5.5	18
25	Non-Destructive and Micro-Invasive Techniques for Characterizing the Ancient Roman Mosaic Fragments. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3781.	2.5	18
26	Modern Methods of Neutron Radiography and Tomography in Studies of the Internal Structure of Objects. <i>Crystallography Reports</i> , 2021, 66, 254-266.	0.6	18
27	High Pressure Raman Study of Layered Semiconductor TlGaSe_2 . <i>Materials Science-Poland</i> , 2018, 36, 203-208.	1.0	18
28	Pressure-induced antiferromagnetism in $\text{La}_{0.75}\text{Ca}_{0.25}\text{MnO}_3$ manganite. <i>JETP Letters</i> , 2005, 82, 447-451.	1.4	17
29	Structural studies of the P-T phase diagram of sodium niobate. <i>Journal of Surface Investigation</i> , 2012, 6, 546-551.	0.5	16
30	Pressure-induced structural transformations, orbital order and antiferromagnetism in $\text{La}_{0.75}\text{Ca}_{0.25}\text{MnO}_3$. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	16
31	Structural, magnetic and electronic properties of Ti-doped BaFeO_3 - exhibiting colossal dielectric permittivity. <i>Journal of Alloys and Compounds</i> , 2019, 808, 151760.	5.5	16
32	High pressure effects on the crystal and magnetic structure of nanostructured manganites $\text{La}_{0.63}\text{Sr}_{0.37}\text{MnO}_3$ and $\text{La}_{0.72}\text{Sr}_{0.28}\text{MnO}_3$. <i>Journal of Alloys and Compounds</i> , 2015, 646, 998-1003.	5.5	15
33	Studies of Ancient Russian Cultural Objects Using the Neutron Tomography Method. <i>Journal of Imaging</i> , 2018, 4, 25.	3.0	15
34	Investigation of structural features of the $\text{Y}_3\text{Al}_5\text{O}_{12}:\text{Ce}^{3+}/\text{Lu}_2\text{O}_3$ crystal phosphors formed by the colloidal chemical method. <i>Physics of the Solid State</i> , 2013, 55, 813-820.	0.6	14
35	Magnetic and structural properties of Fe_3O_4 at high pressures. <i>Physical Review B</i> , 2017, 96, 014407.	3.2	13
36	Crystal structure and magnetic behaviour of DyCo ₂ compound at high pressures. <i>Journal of Alloys and Compounds</i> , 2017, 724, 1184-1191.	5.5	13

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37	Magnetotransport properties and phase separation in iron substituted lanthanum-calcium manganite. <i>Materials Research Express</i> , 2018, 5, 086108.	1.6	13
38	High-Pressure Neutron Diffraction Study of the Crystal and Magnetic Structure of Materials at the Pulsed Reactor IBR-2: Current Opportunities and Prospects. <i>Crystallography Reports</i> , 2021, 66, 303-313.	0.6	13
39	Investigation of structural transformations in pyridine nitrate at low temperatures and high pressures. <i>Crystallography Reports</i> , 2005, 50, 78-84.	0.6	12
40	The polymorphic phase transformations in resorcinol at high pressure. <i>Journal of Molecular Structure</i> , 2011, 1006, 337-343.	3.6	12
41	Effect of high pressure on the crystal structure, magnetic, and vibrational properties of multiferroic RbFe(MoO ₄) ₂ . <i>Physical Review B</i> , 2013, 87, .	3.2	12
42	The Polymorphic Phase Transformations in the Chlorpropamide under Pressure. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 81-86.	3.3	12
43	Structural and Magnetic Transitions in CaCo ₃ V ₄ O ₁₂ Perovskite at Extreme Conditions. <i>Inorganic Chemistry</i> , 2017, 56, 6251-6263.	4.0	12
44	A neutron tomography study of the Seymchan pallasite. <i>Meteoritics and Planetary Science</i> , 2018, 53, 2155-2164.	1.6	12
45	Crystal structure and vibrational spectra of hexagonal manganites YMnO ₃ and LuMnO ₃ under high pressure. <i>Materials Research Express</i> , 2019, 6, 086110.	1.6	12
46	The Pressure-Induced Polymorphic Transformations in Fluconazole. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 4164-4169.	3.3	11
47	A Study of the Chemical Composition of the 3rd Century AD Bosporan Billon Staters by XRF-Analysis, Neutron Tomography and Diffraction. <i>Journal of Surface Investigation</i> , 2018, 12, 114-117.	0.5	11
48	Pressure-induced change in the order of the phase transition in lead titanate: Structural aspects. <i>Surface Engineering and Applied Electrochemistry</i> , 2012, 48, 69-73.	0.8	10
49	A multisectional annular thermal-neutron detector for the study of diffraction on microsamples in axial geometry. <i>Physics of Particles and Nuclei Letters</i> , 2013, 10, 436-441.	0.4	10
50	Magnetic properties, electronic structures and pressure effects of Ho _{1-x} Y _x Co ₂ compounds. <i>Journal of Alloys and Compounds</i> , 2014, 584, 393-401.	5.5	10
51	Anomalous lattice compression and magnetic ordering in CuO at high pressures: A structural study and first-principles calculations. <i>Physical Review B</i> , 2017, 95, .	3.2	10
52	New neutron radiography and tomography facility TITAN at the WWR-K reactor. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2020, 982, 164572.	1.6	10
53	Structural and magnetic phase transitions in Pr _{0.15} Sr _{0.85} MnO ₃ at high pressure. <i>European Physical Journal B</i> , 2010, 77, 407-411.	1.5	9
54	Spin fluctuations and structural modifications in frustrated multiferroics RMnO ₃ (R=Y). <i>Crystallography Reports</i> , 2021, 66, 303-313.	0.6	13

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55	Effect of high pressure on the crystal and magnetic structure and on the raman spectra in Pr _{0.7} Ba _{0.3} MnO ₃ manganite. JETP Letters, 2011, 94, 579-584.	1.4	9
56	Pressure induced antiferromagnetism in the manganite La _{0.7} Sr _{0.3} Mn _{0.83} Nb _{0.17} O ₃ . Journal of Alloys and Compounds, 2016, 681, 527-531.	5.5	9
57	Revealing the Formation Mechanism and Effect of Pressure on the Magnetic Order of Multiferroic BiMn ₂ O ₅ Through Neutron Powder Diffraction. Journal of Electronic Materials, 2017, 46, 3373-3380.	2.2	9
58	Analysis of the internal structure of ancient copper coins by neutron tomography. Journal of Surface Investigation, 2017, 11, 585-589.	0.5	9
59	Effect of Fe doping on structure and magnetotransport properties of perovskite manganite. European Physical Journal Plus, 2018, 133, 1.	2.6	9
60	Unraveling the nature of Fe-doping mediated inter- and intra-chain interactions in Ca ₃ Co ₂ O ₆ . Journal of Alloys and Compounds, 2021, 851, 156897.	5.5	9
61	Phase Composition and Its Spatial Distribution in Antique Copper Coins: Neutron Tomography and Diffraction Studies. Journal of Imaging, 2021, 7, 129.	3.0	9
62	Powder diffractometer for microsamples at the Kurchatov Synchrotron Radiation Source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 266-268.	1.6	8
63	Role of Surface on Magnetic Properties of La _{1-x} Sr _x MnO ₃ Nanocrystallites. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	8
64	An intermediate antipolar phase in NaNbO ₃ under compression. Ferroelectrics, 2017, 520, 22-33.	0.6	8
65	Structural evolution of luminescence nanoparticles with rare-earth ions in the oxyfluoride glass ceramics. Materials Chemistry and Physics, 2019, 237, 121830.	4.0	8
66	A structural insight into the Chelyabinsk meteorite: neutron diffraction, tomography and Raman spectroscopy study. SN Applied Sciences, 2019, 1, 1.	2.9	8
67	The crystal and magnetic structures of the ordered perovskite Pb ₂ FeSbO ₆ studied by neutron diffraction and Mössbauer spectroscopy. Journal of Magnetism and Magnetic Materials, 2019, 477, 334-339.	2.3	8
68	High pressure effects on the crystal and magnetic structures of Co ₃ O ₄ . Journal of Magnetism and Magnetic Materials, 2020, 508, 166874.	2.3	8
69	Structural and magnetic phase transitions occurring in Pr _{0.7} Sr _{0.3} MnO ₃ manganite at high pressures. JETP Letters, 2013, 97, 540-545.	1.4	7
70	The structural and luminescent properties of Lu ₃ Al ₅ O ₁₂ :Ce ³⁺ /Lu ₂ O ₃ crystal phosphors prepared by colloid chemical synthesis. Journal of Alloys and Compounds, 2014, 613, 238-243.	5.5	7
71	Incommensurate antiferromagnetism induced by a charge density wave in the cubic phase of TbGe ₂ . Physical Review B, 2015, 92, .	3.2	7
72	The Neutron Tomography Studies of the Rocks from the Kola Superdeep Borehole. Physics Procedia, 2015, 69, 537-541.	1.2	7

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73	Crystal structure, magnetic properties and conductivity mechanisms of La _{0.7} Ca _{0.3} Mn _{0.5} Fe _{0.5} O ₃ . <i>Ferroelectrics</i> , 2016, 501, 129-144.	0.6	7
74	Concept of a Facility of Neutron Radiography and Tomography at the Research Reactor WWR-K in Almaty, Kazakhstan. <i>Journal of Surface Investigation</i> , 2019, 13, 877-879.	0.5	7
75	Studies of Coins of Medieval Volga Bulgaria by Neutron Diffraction and Tomography. <i>Journal of Surface Investigation</i> , 2020, 14, 376-381.	0.5	7
76	Spatial distribution of graphite in cement materials used for radioactive waste conditioning: An approach to analysis of neutron tomography data. <i>Cement and Concrete Composites</i> , 2021, 119, 103993.	10.7	7
77	Hexagonal frustrated RMnO ₃ manganites (R = Y, Lu) under high pressure. <i>Crystallography Reports</i> , 2007, 52, 407-411.	0.6	6
78	Structural changes in chlorpropamide at high pressure. <i>Journal of Surface Investigation</i> , 2012, 6, 951-953.	0.5	6
79	Pressure effect on the magnetic order of LuFe ₂ O ₄ . <i>Applied Physics Letters</i> , 2013, 103, 082907.	3.3	6
80	Structural studies of nanoparticles doped with rare-earth ions in oxyfluoride lead-silicate glasses. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	6
81	Structure and magnetic properties of YCo ₅ compound at high pressures. <i>Journal of Materials Science and Technology</i> , 2020, 42, 106-112.	10.7	6
82	Penetration of water into cracked geopolymer mortars by means of neutron radiography. <i>Construction and Building Materials</i> , 2020, 256, 119471.	7.2	6
83	The Reconstruction of a Bronze Battle Axe and Comparison of Inflicted Damage Injuries Using Neutron Tomography, Manufacturing Modeling, and X-ray Microtomography Data. <i>Journal of Imaging</i> , 2020, 6, 45.	3.0	6
84	New neutron imaging facility at the WWR-SM reactor: Design and first results. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2021, 989, 164959.	1.6	6
85	Studies of ancient pottery fragments from Dobrudja region of Romania using neutron diffraction, tomography and Raman spectroscopy. <i>Journal of Archaeological Science: Reports</i> , 2021, 35, 102755.	0.5	6
86	Structural phase transitions and Raman spectra of pyridinium perchrenate at high pressures. <i>Journal of Molecular Structure</i> , 2009, 921, 68-71.	3.6	5
87	Structural and magnetic phase transitions in Pr _{0.7} Ca _{0.3} MnO ₃ at high pressures. <i>JETP Letters</i> , 2010, 92, 590-594.	1.4	5
88	The studies of structural aspects of the cluster formation in silicate glasses doped with cerium and titanium oxides by small-angle neutron scattering. <i>Physics of the Solid State</i> , 2011, 53, 2431-2434.	0.6	5
89	Pressure-induced antiferromagnet-ferromagnet transition and a change in the spin state of Co in La _{0.5} Ba _{0.5} CoO _{2.8} . <i>JETP Letters</i> , 2014, 100, 380-384.	1.4	5
90	Studying the structural features of oxide nanoclusters of cerium and titanium in a silicate glass by means of the small-angle neutron scattering. <i>Journal of Surface Investigation</i> , 2014, 8, 98-103.	0.5	5

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91	Structural aspects of the antiferroelectric-paraelectric phase transition in double perovskite Pb ₂ MgWO ₆ at high pressures and temperatures. <i>Physics of the Solid State</i> , 2014, 56, 765-770.	0.6	5
92	Crystal Structure and Optical Properties of Lu ₃ Al ₅ O ₁₂ :Ce ³⁺ Obtained by a Colloidal Chemical Synthesis Method. <i>Journal of Applied Spectroscopy</i> , 2015, 81, 1048-1055.	0.7	5
93	High-pressure effect on the chain-like crystal structure of the semiconductors TlFeSe_2 and TlFeS_2 . <i>Modern Physics Letters B</i> , 2015, 29, 1550024.	1.9	5
94	Neutron diffraction study of the pressure and temperature dependence of the crystal and magnetic structures of Zn _{0.3} Cu _{0.7} Fe _{1.5} Ga _{0.5} O ₄ polycrystalline ferrite. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 449, 44-48.	2.3	5
95	Crystal and Magnetic Structures of Granular Powder Spinel Mn ²⁺ -Zn and Ni ²⁺ -Zn Ferrites. <i>Physics of the Solid State</i> , 2018, 60, 1727-1732.	0.6	5
96	Magnetic phase transition in La _{0.8} Sr _{0.2} Mn _{0.9} Sb _{0.1} O ₃ manganite under pressure. <i>Chemical Physics</i> , 2020, 528, 110541.	1.9	5
97	Transformation of the magnetic structure of FeBO ₃ under high pressures. <i>JETP Letters</i> , 2002, 76, 215-217.	1.4	4
98	The pressure effect on crystal structure of complex ferroelectrics Ba ₄ Sm ₂ Fe ₂ Nb ₈ O ₃₀ and Ba ₄ Gd ₂ Fe ₂ Nb ₈ O ₃₀ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2014, 229, 731-734.	0.8	4
99	Magnetic and transport properties of Ca _{1.5} La _{0.5} FeMo _{1-x} W _x O ₆ perovskites. <i>Journal of Alloys and Compounds</i> , 2015, 621, 71-77.	5.5	4
100	Features of the Crystal Structure and Vibrational Spectra of Ba _{1.65} Sr _{3.35} Nb ₁₀ O ₃₀ Ba ₄ Na ₂ Nb ₁₀ O ₃₀ Barium-Strontium Niobates with the Structure of Tetragonal Tungsten Bronze. <i>Journal of Surface Investigation</i> , 2018, 12, 1149-1154.	0.5	4
101	Possibilities, Limitations, and Prospects of Using Neutron Tomography and Radiography for Preservation of Archaeological Heritage Objects. <i>Crystallography Reports</i> , 2019, 64, 177-180.	0.6	4
102	Exploring the molecular reorientations in amorphous rosuvastatin calcium. <i>RSC Advances</i> , 2020, 10, 33585-33594.	3.6	4
103	The structure of scleractinian coral skeleton analyzed by neutron diffraction and neutron computed tomography. <i>Scientific Reports</i> , 2020, 10, 12869.	3.3	4
104	Studies of the Processes of Hardening of Cement Materials for the Storage of Aluminum Radioactive Waste by Neutron Radiography. <i>Physics of Particles and Nuclei Letters</i> , 2020, 17, 73-78.	0.4	4
105	Assessment of structural, magnetic, and P-wave velocity anisotropy of two biotite gneisses from X-ray and neutron tomography. <i>Tectonophysics</i> , 2021, 812, 228925.	2.2	4
106	High pressure effects on the crystal and magnetic structure of 160Gd metal. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 540, 168485.	2.3	4
107	High pressure enhanced magnetic ordering and magnetostructural coupling in the geometrically frustrated spinel Mn_4O . <i>Physical Review B</i> , 2022, 105, .		
108	A comparative study of promising filter materials for neutron imaging facilities. <i>Eurasian Journal of Physics and Functional Materials</i> , 2021, 5, 169-180.	0.6	4

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109	Structural phase transitions in pyridinium perchlorate at high pressure. Journal of Molecular Structure, 2008, 875, 58-62.	3.6	3
110	Study of the P-T phase diagram of pyridinium perchlorate by X-ray diffraction and Raman spectroscopy. Journal of Surface Investigation, 2011, 5, 611-618.	0.5	3
111	Suppression of the antiferromagnetic state in La _{0.82} Ba _{0.18} CoO ₃ cobaltite at high pressure. JETP Letters, 2015, 101, 820-824.	1.4	3
112	Colloidal chemical synthesis, structural and luminescent properties of YAl ₃ (BO ₃) ₄ :Ce ³⁺ phosphors. Journal of Alloys and Compounds, 2018, 749, 511-516.	5.5	3
113	Modeling of the focusing device and the elliptical neutron guide for the DN-6 diffractometer at IBR-2 reactor. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 892, 48-52.	1.6	3
114	Structure and Luminescence Properties of (Y _{1-x} La _x) ₃ (Al _{1-x} Ga _x) ₅ O ₁₂ :Ce ³⁺ Substituted Garnets. Inorganic Materials, 2019, 55, 820-826.	0.8	3
115	Magnetic and structural properties of Fe-doped layered cobaltite TbBaCo _{1.91} Fe _{0.09} O _{5.5} at high pressures. Journal of Magnetism and Magnetic Materials, 2020, 494, 165801.	2.3	3
116	Competing magnetic states in multiferroic BaYFeO ₄ : A high magnetic field study. Physical Review Materials, 2021, 5, .	2.4	3
117	Non-destructive neutron structural studies of ancient ceramic fragments of the cultural heritage of the Republic of Kazakhstan. Eurasian Journal of Physics and Functional Materials, 2022, 6, 56-70.	0.6	3
118	Changes in the crystalline structure of chlorpropamide at high pressures and temperatures. Journal of Surface Investigation, 2013, 7, 1143-1147.	0.5	2
119	Neutron-diffraction study of the crystal structure of BaTiO ₃ ferroelectric doped with iron. Journal of Surface Investigation, 2016, 10, 370-374.	0.5	2
120	Study of silicate glasses with PbS nanoparticles using small-angle neutron scattering. Journal of Surface Investigation, 2016, 10, 187-190.	0.5	2
121	Core-Shell Magnetic Structure of La _{1-x} Sr _x MnO _{3+δ} Nanocrystallites. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	2
122	Coexistence of charge density wave and incommensurate antiferromagnetism in the cubic phase of DyGe _{2.85} synthesised under high pressure. Journal of Alloys and Compounds, 2018, 755, 10-14.	5.5	2
123	Ice Melting Kinetics in Sand-Water Mixtures Investigated by Neutron Radiography and Diffraction. Journal of Cold Regions Engineering - ASCE, 2019, 33, 04019003.	1.1	2
124	Pressure-induced spin state crossover in layered cobaltite LaSrCoO ₄ . Journal of Magnetism and Magnetic Materials, 2019, 487, 165360.	2.3	2
125	Structural and magnetic properties of YCo ₄ B compound at high pressures. Intermetallics, 2019, 110, 106489.	3.9	2
126	Pressure-induced structural transition and antiferromagnetism in elemental terbium. Physical Review Materials, 2021, 5, .	2.4	2

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127	The crystal and magnetic structure of nanostructured manganite $\text{La}_{0.53}\text{Sr}_{0.47}\text{MnO}_3$ at high pressure. <i>Materials Chemistry and Physics</i> , 2021, 262, 124310.	4.0	2
128	Implementation of capillary penetration coefficient on water sorptivity for porous building materials: An experimental study. <i>Construction and Building Materials</i> , 2021, 298, 123758.	7.2	2
129	Structural Studies of the Qarakhanid Dirham Using X-Ray Diffraction and Neutron Tomography Methods. <i>Journal of Surface Investigation</i> , 2021, 15, 1232-1237.	0.5	2
130	A neutron diffraction and NMR study of the $\text{Rb}_{1-x}(\text{NH}_4)_x$ mixed crystals ($x=0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9$). <i>Journal of Applied Crystallography</i> , 2004, 37, 107-118.	1.8	1
131	Neutron studies of the structure and dynamics of $\text{Rb}_{1-x}(\text{NH}_4)_x$ mixed crystals. <i>Crystallography Reports</i> , 2004, 49, 653-659.	0.6	1
132	Effect of high pressure on the crystal structure of $\text{Sr}_{1-x}\text{La}_x\text{CuO}_2$ compounds. <i>Physics of the Solid State</i> , 2004, 46, 1438-1441.	0.6	1
133	Study of the structure of PyHReO_4 under high pressure. <i>Crystallography Reports</i> , 2007, 52, 447-449.	0.6	1
134	Investigation of the structural aspects in the formation of optical properties of the $\text{GeO}_2\text{-Eu}_2\text{O}_3\text{-Ag}$ nanosystem. <i>Physics of the Solid State</i> , 2010, 52, 1366-1371.	0.6	1
135	Study of crystal and magnetic structures of manganite $\text{Pr}_{0.7}\text{Ba}_{0.3}\text{MnO}_3$ at high pressure. <i>Physics of Particles and Nuclei Letters</i> , 2011, 8, 1063-1065.	0.4	1
136	High pressure effect on the crystal and magnetic structure of $\text{Pr}_{0.1}\text{Sr}_{0.9}\text{MnO}_3$ manganite. <i>Journal of Surface Investigation</i> , 2012, 6, 817-820.	0.5	1
137	Effect of high pressure on charge density wave formation and magnetic structure in the cubic high-pressure phase of TbGe_2 . <i>Physical Review B</i> , 2016, 94, 080407.	3.2	1
138	Dielectric relaxation in magnetoelectric composite $0.85\text{BiFeO}_3\text{-}0.15\text{MgFe}_2\text{O}_4$. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2016, 80, 1092-1096.	0.6	1
139	Neutron diffraction study of the crystal and magnetic structures of nanostructured $\text{Zn}_{0.34}\text{Fe}_{2.53}\text{O}_4$ ferrite. <i>Journal of Nanoparticle Research</i> , 2020, 22, 1.	1.9	1
140	Nanoformation in doped silicate glass and its fractal dimensions. <i>Nuclear Physics and Atomic Energy</i> , 2015, 16, 152-156.	0.5	1
141	Combined magnetic and structural characterization of hydrothermal bismuth ferrite (BiFeO_3) nanoparticles. <i>Science of Sintering</i> , 2019, 51, 71-79.	1.4	1
142	Features of the electrical resistance in magnetoelectric ceramics $(1-x)\text{BiFeO}_3\text{-}x\text{MgFe}_2\text{O}_4$. <i>Ferroelectrics</i> , 2016, 501, 114-121.	0.6	0
143	Structural and magnetic properties of $\text{Ca}_{1.5}\text{La}_{0.5}\text{FeMoO}_6$ perovskite at high pressures. <i>Journal of Alloys and Compounds</i> , 2016, 664, 363-368.	5.5	0
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