

Ivan A Bobrikov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Study of martensitic transformation in TiNiHfZr high temperature shape memory alloy using in situ neutron diffraction. Journal of Alloys and Compounds, 2022, 899, 163322.	5.5	7
2	Unraveling the Synergistic Effect of Mg and Ti Codoping to Realize an Ordered Structure and Excellent Performance for Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2022, 14, 7869-7877.	8.0	14
3	A novel Mn ⁴⁺ -activated fluoride red phosphor Cs ₃₀ (Nb ₂ O ₂) ₂ F ₉ (OH) ₃ ·H ₂ O:Mn ⁴⁺ with good waterproof stability for WLEDs. Journal of Materials Chemistry C, 2022, 10, 7049-7057.		
4	High-Temperature Behavior, Oxygen Transport Properties, and Electrochemical Performance of Cu-Substituted Nd _{1.6} Ca _{0.4} NiO ₄ ± δ Electrode Materials. Applied Sciences (Switzerland), 2022, 12, 3747.	2.5	10
5	Kinetics of the isothermal A2 to sigma phase transformation in Fe-Cr alloy. Journal of Alloys and Compounds, 2022, 913, 165282.	5.5	3
6	High moisture resistance of an efficient Mn ⁴⁺ -activated red phosphor Cs ₂ NbOF ₅ :Mn ⁴⁺ for WLEDs. Chemical Engineering Journal, 2021, 405, 126678.	12.7	61
7	In-grain phase separation and structural ordering in Fe-Ga alloys seen from reciprocal space. Intermetallics, 2021, 128, 107016.	3.9	4
8	Spinodal decomposition influence of austenite on martensitic transition in a Mn-13 at.%Cu alloy. Journal of Alloys and Compounds, 2021, 853, 157061.	5.5	5
9	Interrelation among superstructural ordering, oxygen nonstoichiometry and lattice strain of double perovskite Sr ₂ FeMoO ₆ ± δ materials. Journal of Materials Science, 2021, 56, 11698-11710.	3.7	5
10	Crystal structure and phase composition evolution during heat treatment of Fe-45Ga alloy. Intermetallics, 2021, 131, 107110.	3.9	8
11	Fe ₁₃ Ga ₉ intermetallic in bcc-base Fe-Ga alloy. Intermetallics, 2021, 131, 107059.	3.9	6
12	High damping in Fe-Ga-La alloys: Phenomenological model for magneto-mechanical hysteresis damping and experiment. Journal of Materials Science and Technology, 2021, 72, 69-80.	10.7	19
13	Wide-aperture back-scattering detector (BSD) for the High-Resolution Fourier Diffractometer (HRFD) at the IBR-2 reactor. Journal of Neutron Research, 2021, 23, 243-250.	1.1	2
14	Phase Transformations of a CeCo ₃ -Based Intermetallic Hydride at Temperatures from 200 to 950Å°C. Inorganic Materials, 2021, 57, 775-780.	0.8	0
15	Competition of ferromagnetism and antiferromagnetism in Mn-doped orthorhombic YCrO ₃ . Journal of Magnetism and Magnetic Materials, 2021, 535, 168022.	2.3	4
16	Spinodal decomposition in ternary Mn-Cu-Cr alloy and its influence on martensitic transition temperatures. Journal of Alloys and Compounds, 2021, 884, 161082.	5.5	5
17	Structure evolution of as-cast metastable Fe-38Ga alloy towards equilibrium. Journal of Alloys and Compounds, 2021, 889, 161782.	5.5	4
18	Coherent cluster ordering in Fe-xAl and Fe-xGa alloys. Journal of Alloys and Compounds, 2021, , 162540.	5.5	3

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19	Effect of thermal cycling on microstructure and damping capacity of Fe ²⁶ Mn ⁴ Si alloy. <i>Materials Characterization</i> , 2020, 159, 110001.	4.4	10
20	The influence of cation ordering and oxygen nonstoichiometry on magnetic properties of Sr ₂ FeMoO ₆ around Curie temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 500, 166386.	2.3	6
21	Time-Temperature-Transformation from metastable to equilibrium structure in Fe-Ga. <i>Materials Letters</i> , 2020, 263, 127257.	2.6	22
22	Volume effect upon martensitic transformation in Ti _{29.7} Ni _{50.3} Hf ₂₀ high temperature shape memory alloy. <i>Scripta Materialia</i> , 2020, 178, 67-70.	5.2	17
23	Boron interaction with D03 phase in Fe-(27 ²⁹)Ga alloys. <i>Intermetallics</i> , 2020, 126, 106938.	3.9	0
24	Structural, infrared and magnetic properties of MgAl Fe ₂ O ₄ compounds: Effect of the preparation methods and Al substitution. <i>Solid State Sciences</i> , 2020, 109, 106400.	3.2	5
25	Hydrogen diffusivity in the Sr-doped LaScO ₃ proton-conducting oxides. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 23455-23468.	7.1	14
26	Effect of high magnetic field on the phase transition in Fe-24%Ga and Fe-27%Ga during isothermal annealing. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167284.	2.3	4
27	Thermal expansion of martensite in Ti _{29.7} Ni _{50.3} Hf ₂₀ shape memory alloy. <i>Intermetallics</i> , 2020, 125, 106889.	3.9	14
28	Cluster-Like Structure of Fe-Based Alloys with Enhanced Magnetostriction. <i>Journal of Surface Investigation</i> , 2020, 14, S11-S14.	0.5	6
29	First- and second-order phase transitions in Fe-(17-19)at.%Ga alloys. <i>Materials Letters</i> , 2020, 279, 128508.	2.6	15
30	Electronic Structures of the Vanadium-Intercalated and Substitutionally Doped Transition-Metal Dichalcogenides Ti _x V _y Se ₂ . <i>Inorganic Chemistry</i> , 2020, 59, 8543-8551.	4.0	6
31	Influence of spinodal decomposition on structure and thermoelastic martensitic transition in MnCuAlNi alloy. <i>Materials Letters</i> , 2020, 275, 128069.	2.6	7
32	Correlation between synthesis and physical properties of magnesium ferrite. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 95, 223-229.	2.4	9
33	Neutron diffraction and Mössbauer spectroscopy studies for Ce doped CoFe ₂ O ₄ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 503, 166624.	2.3	11
34	To a question of temperature driven gas swelling in helium doped ferritic alloys. <i>Journal of Nuclear Materials</i> , 2020, 533, 152089.	2.7	2
35	Structure of Polycrystalline CeNi ₃ -Based Intermetallic Hydrides at 293 and 5 K. <i>Crystallography Reports</i> , 2020, 65, 43-47.	0.6	0
36	Temperature evolution of Fe ²⁷ Ga structure: comparison of <i>in situ</i> X-ray and neutron diffraction studies. <i>Journal of Applied Crystallography</i> , 2020, 53, 1343-1352.	4.5	9

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37	Phase transformation during Sr ₂ CrMoO ₆ synthesis. Izvestiya Vysshikh Uchebnykh Zavedenii Materialy Elektronnoi Tekhniki = Materials of Electronics Engineering, 2020, 22, 149-157.	0.2	0
38	The first- and second-order isothermal phase transitions in Fe ₃ Ga-type compounds. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 1024-1033.	1.1	16
39	Preparation of Submicron CaCu ₃ Ti ₄ O ₁₂ Dispersions and Filled Epoxy Compositions Based on Them. Inorganic Materials, 2019, 55, 856-863.	0.8	1
40	Comparative study of structure and phase transitions in Fe-(25-33%)Ga alloys. Journal of Alloys and Compounds, 2019, 811, 152030.	5.5	17
41	Cooling rate as a tool of tailoring structure of Fe-(9-33%)Ga alloys. Intermetallics, 2019, 114, 106610.	3.9	38
42	The role of structural features in heterogeneous catalytic oxidation of H ₂ on TiO ₂ :MoO ₃ nanocomposites. Journal of Solid State Chemistry, 2019, 275, 181-186.	2.9	8
43	The role of glass crystallization processes in preparation of high Li-conductive NASICON-type ceramics. CrystEngComm, 2019, 21, 3106-3115.	2.6	14
44	Mechanical spectroscopy as an in situ tool to study first and second order transitions in metastable Fe-Ga alloys. Journal of Alloys and Compounds, 2019, 790, 1149-1156.	5.5	15
45	Effects of Ordering in Fe-xAl Alloys. JETP Letters, 2019, 110, 585-591.	1.4	9
46	In situ studies of atomic ordering in Fe-19Ga type alloys. Intermetallics, 2019, 105, 6-12.	3.9	19
47	Dispersed clusters in (Fe,Cr) ₃ Al alloys: Neutron time-of-flight diffraction study. Physical Review Materials, 2019, 3, .	2.4	6
48	Cation distribution in CuFe _{2-x} Cr _x spinels studied by neutron diffraction and its effect on catalytic properties in water gas shift reaction. Materials Chemistry and Physics, 2018, 211, 278-282.	4.0	6
49	Investigation of a Spin Transition in a LaCoO ₃ Single Crystal by the Method of X-Ray Magnetic Circular Dichroism at the Cobalt K- and L _{2,3} -Edges. Physics of the Solid State, 2018, 60, 288-291.	0.6	1
50	Anelasticity of iron-aluminide Fe ₃ Al type single and polycrystals. Journal of Alloys and Compounds, 2018, 746, 660-669.	5.5	17
51	From metastable to stable structure: the way to construct functionality in Fe-27Ga alloy. Journal of Alloys and Compounds, 2018, 751, 364-369.	5.5	17
52	Study of structural and electrochemical characteristics of LiNi _{0.33} Mn _{0.33} Co _{0.33} O ₂ electrode at lithium content variation. Journal of Electroanalytical Chemistry, 2018, 821, 140-151.	3.8	47
53	Structural investigation of chemically synthesized ferrite magnetic nanomaterials. Journal of Molecular Structure, 2018, 1160, 447-454.	3.6	9
54	Enhancing lithium-ion conductivity in NASICON glass-ceramics by adding yttria. CrystEngComm, 2018, 20, 1375-1382.	2.6	29

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55	Abnormal phase-separated state of Li Ni _{0.8} Co _{0.15} Al _{0.05} O ₂ in the first charge: Effect of electrode compaction. <i>Electrochimica Acta</i> , 2018, 265, 726-735.	5.2	13
56	Structure of the Fe-Mn-Si alloys submitted to $\hat{\Gamma}^3\hat{a}^-\hat{a}^+\hat{a}^-\hat{\Gamma}^3$ thermocycling. <i>Materials Characterization</i> , 2018, 141, 223-228.	4.4	11
57	Tb-dependent phase transitions in Fe-Ga functional alloys. <i>Intermetallics</i> , 2018, 93, 55-62.	3.9	25
58	5. Characterization methods. , 2018, , 261-408.		0
59	Microinhomogeneity of the Structure of Nanocrystalline Niobium and Vanadium Carbides. <i>JETP Letters</i> , 2018, 108, 253-259.	1.4	5
60	Influence of substitution of Fe by Co on structural and magneto-mechanical properties of Fe-27Ga alloy. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 236-237, 76-83.	3.5	1
61	High-resolution neutron Fourier diffractometer at the IBR-2 pulsed reactor: A new concept. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2018, 436, 263-271.	1.4	20
62	Anelasticity of Phase Transitions and Magnetostriction in Fe-(27-28%)Ga Alloys. <i>Materials Research</i> , 2018, 21, .	1.3	9
63	Anomalous Behavior of an $\hat{\Gamma}^3\hat{a}^+\hat{\Gamma}^3$ Phase Transition in Iron: Results of In Situ Neutron Diffraction Experiment. <i>JETP Letters</i> , 2018, 107, 558-563.	1.4	9
64	Neutron methods for tracking lithium in operating electrodes and interfaces. <i>Physical Sciences Reviews</i> , 2018, 3, .	0.8	1
65	Delithiated states of layered cathode materials: doping and dispersion interaction effects on the structure. <i>EPJ Web of Conferences</i> , 2018, 177, 02001.	0.3	3
66	Antiphase domains or dispersed clusters? Neutron diffraction study of coherent atomic ordering in Fe ₃ Al-type alloys. <i>Acta Materialia</i> , 2018, 153, 45-52.	7.9	26
67	Interaction between Intermetallic Compounds RNi ₃ (R = Gd, Dy) and Hydrogen at Low Temperatures. <i>Journal of Surface Investigation</i> , 2018, 12, 674-677.	0.5	0
68	Phase transitions in Fe-27Ga alloys: Guidance to develop functionality. <i>Intermetallics</i> , 2018, 100, 20-26.	3.9	19
69	Comparative study of structural phase transitions in bulk and powdered Fe $\hat{a}^-\hat{a}^+$ 27Ga alloy by real-time neutron thermodiffraction. <i>Journal of Applied Crystallography</i> , 2017, 50, 198-210.	4.5	30
70	Neutron diffraction analysis of structural transformations in lithium-ion batteries. <i>Russian Journal of Electrochemistry</i> , 2017, 53, 178-186.	0.9	7
71	Evolution of microstructure of niobium carbide NbC _{0.77} powders. <i>Crystal Research and Technology</i> , 2017, 52, 1700061.	1.3	5
72	Phase transitions as a tool for tailoring magnetostriction in intrinsic Fe-Ga composites. <i>Acta Materialia</i> , 2017, 130, 229-239.	7.9	71

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73	Li(Ni,Co,Al)O ₂ Cathode Delithiation: A Combination of Topological Analysis, Density Functional Theory, Neutron Diffraction, and Machine Learning Techniques. Journal of Physical Chemistry C, 2017, 121, 28293-28305.	3.1	41
74	In-situ time-of-flight neutron diffraction study of the structure evolution of electrode materials in a commercial battery with LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ cathode. Journal of Power Sources, 2017, 372, 74-81.	7.8	34
75	On the structure of stable CeNi ₃ based hydrides. Journal of Surface Investigation, 2017, 11, 190-193.	0.5	0
76	Visualization and analysis of large neutron diffraction data arrays measured in real time. Journal of Surface Investigation, 2017, 11, 169-178.	0.5	3
77	Time-of-flight neutron diffraction of nanocrystalline powders of nonstoichiometric niobium carbide NbC _{0.77} . Physics of the Solid State, 2017, 59, 607-612.	0.6	5
78	Influence of Tb on structure and properties of Fe-19%Ga and Fe-27%Ga alloys. Journal of Alloys and Compounds, 2017, 707, 51-56.	5.5	37
79	The crystal structure of compositionally homogeneous mixed ceria-zirconia oxides by high resolution X-ray and neutron diffraction methods. Open Chemistry, 2017, 15, 438-445.	1.9	7
80	Electrochemical cells for neutron diffraction study of Li/Na-ion electrode materials. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C131-C131.	0.1	0
81	Electrochemical Cells for Operando Time-of-Flight Neutron Diffraction Study of Li/Na-Ion Electrode Materials. ECS Meeting Abstracts, 2017, , .	0.0	0
82	Neutron diffraction study of microstructural and magnetic effects in fine particle NiO powders. Physica Status Solidi (B): Basic Research, 2016, 253, 1529-1536.	1.5	8
83	Structure induced anelasticity in Fe ₃ Me (Me=Al, Ga, Ge) alloys. Journal of Alloys and Compounds, 2016, 688, 310-319.	5.5	24
84	Wide-Range Tuning of the Mo Oxidation State in La _{1-x} Sr _x Fe _{2/3} Mo _{1/3} O ₃ Perovskites. European Journal of Inorganic Chemistry, 2016, 2016, 2942-2951.	2.0	1
85	Cation distribution in Cu(Cr _{2-x} Al _x)O ₄ and Cu(Fe _{2-x} Al _x)O ₄ according to neutron-diffraction studies and their catalytic properties in the water-gas shift reaction. Journal of Surface Investigation, 2016, 10, 1161-1168.	0.5	7
86	Hydriding of TiMo alloys at high hydrogen pressures. Inorganic Materials, 2016, 52, 1126-1131.	0.8	2
87	Phase transition induced anelasticity in Fe-Ga alloys with 25 and 27%Ga. Journal of Alloys and Compounds, 2016, 675, 393-398.	5.5	27
88	Tuning the high-temperature properties of Pr ₂ NiO ₄ by simultaneous Pr- and Ni-cation replacement. RSC Advances, 2016, 6, 33951-33958.	3.6	8
89	Bottle-necked ionic transport in Li ₂ ZrO ₃ : high temperature neutron diffraction and impedance spectroscopy. Electrochimica Acta, 2016, 209, 574-581.	5.2	21
90	In situ neutron diffraction study of bulk phase transitions in Fe-27Ga alloys. Materials and Design, 2016, 98, 113-119.	7.0	55

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91	Features of crystal and magnetic structures of solid solutions $\text{BaFe}_{12-x}\text{D}_x\text{O}_{19}$ ($\text{D}=\text{Al}^{3+}, \text{In}^{3+}; x=0.1$) in a wide temperature range. <i>European Physical Journal Plus</i> , 2016, 131, 1.	2.6	24
92	Stabilization of bcc-born phases in Fe-27Ga by adding Tb: Comparative in situ neutron diffraction study. <i>Materials Letters</i> , 2016, 181, 67-70.	2.6	15
93	Magnetostructural phase transitions in NiO and MnO: Neutron diffraction data. <i>JETP Letters</i> , 2016, 104, 88-93.	1.4	18
94	Neutron diffractometer for real-time studies of transient processes at the IBR-2 pulsed reactor. <i>Journal of Surface Investigation</i> , 2016, 10, 467-479.	0.5	27
95	Neutron diffraction analysis of the microstructure of dispersion-hardening steels. <i>Physics of Metals and Metallography</i> , 2016, 117, 1047-1053.	1.0	0
96	Microstructure of nanocrystalline powders of nonstoichiometric vanadium $\text{VCo}_{0.875}$ and niobium $\text{NbCo}_{0.93}$ carbides. <i>Journal of Surface Investigation</i> , 2016, 10, 1136-1142.	0.5	0
97	Coherent cluster atomic ordering in the Fe-27Al intermetallic compound. <i>JETP Letters</i> , 2016, 104, 539-545.	1.4	9
98	Mathematical Methods for the Analysis of Polycrystal Phase Evolutions. <i>EPJ Web of Conferences</i> , 2016, 108, 02049.	0.3	5
99	Approaching better cycleability of LiCoPO_4 by vanadium modification. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 213, 105-113.	3.5	13
100	Nanocrystalline ordered vanadium carbide: Superlattice and nanostructure. <i>Superlattices and Microstructures</i> , 2016, 90, 148-164.	3.1	12
101	Synthesis, structure and magnetic ordering of the mullite-type $\text{Bi}_{2-x}\text{Fe}_{4-x}\text{Cr}_x\text{O}_9$ solid solutions with a frustrated pentagonal Cairo lattice. <i>Dalton Transactions</i> , 2016, 45, 1192-1200.	3.3	11
102	Refinement of atomic and magnetic structures using neutron diffraction for synthesized bulk and nano-nickel zinc gallate ferrite. <i>Physica B: Condensed Matter</i> , 2016, 481, 118-123.	2.7	6
103	Peculiarities of structure, morphology, and electrochemistry of the doped 5-V spinel cathode materials $\text{LiNi}_{0.5-x}\text{Mn}_{1.5-y}\text{M}_{x+y}\text{O}_4$ ($\text{M}=\text{Co}, \text{Cr}, \text{Ti}; x+y=0.05$) prepared by mechanochemical way. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 235-246.	2.4	12
104	V_8C_7 superstructure in nonstoichiometric vanadium carbide powders. <i>JETP Letters</i> , 2015, 102, 154-160.	1.4	14
105	Correlation Fourier diffractometry: 20 Years of experience at the IBR-2 reactor. <i>Physics of Particles and Nuclei</i> , 2015, 46, 249-276.	0.7	42
106	Investigation of the crystal and magnetic structures of $\text{BaFe}_{12-x}\text{Al}_x\text{O}_{19}$ solid solutions ($x = 0.1-1.2$). <i>Crystallography Reports</i> , 2015, 60, 629-635.	0.6	89
107	Neutron diffraction study of nanocrystalline $\text{NbCo}_{0.93}$ powders and the anisotropy of deformation distortions. <i>JETP Letters</i> , 2015, 100, 629-634.	1.4	18
108	Study of the crystalline and magnetic structures of $\text{BaFe}_{11.4}\text{Al}_{0.6}\text{O}_{19}$ in a wide temperature range. <i>Journal of Surface Investigation</i> , 2015, 9, 17-23.	0.5	86

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109	Crystal structure and magnetic properties of the $\text{BaFe}_{12-x}\text{Al}_x\text{O}_{19}$ ($x=0.1\text{--}1.2$) solid solutions. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 393, 253-259.	2.3	287
110	High-resolution neutron diffraction study of microstructural changes in nanocrystalline ball-milled niobium carbide $\text{NbC}_{0.93}$. <i>Materials Characterization</i> , 2015, 109, 173-180.	4.4	19
111	Unit-cell parameters of nanoparticles embedded in porous glasses: Neutron-diffraction studies. <i>Journal of Surface Investigation</i> , 2015, 9, 668-672.	0.5	0
112	Biochemical changes in cyanobacteria during the synthesis of silver nanoparticles. <i>Canadian Journal of Microbiology</i> , 2015, 61, 13-21.	1.7	40
113	Interplay between structural and magnetic phase transitions in copper ferrite studied with high-resolution neutron diffraction. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 374, 591-599.	2.3	30
114	Neutron scattering for analysis of processes in lithium-ion batteries. <i>Russian Chemical Reviews</i> , 2014, 83, 1120-1134.	6.5	25
115	Crystal Structure and Electrochemistry of $\text{Na}_{2-x}\text{Li}_x\text{FePO}_4\text{F}$ ($0 < x < 1$) New Cathode Materials for Na- and Li-Ion Batteries. <i>ECS Transactions</i> , 2014, 62, 67-78.	0.5	8
116	Structural evolution in LiFePO_4 -based battery materials: In-situ and ex-situ time-of-flight neutron diffraction study. <i>Journal of Power Sources</i> , 2014, 258, 356-364.	7.8	52
117	Analysis of processes in Li-ion batteries by time-of-flight neutron diffraction. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, C359-C359.	0.1	0
118	Structural phase transition in CuFe_2O_4 spinel. <i>Crystallography Reports</i> , 2013, 58, 710-717.	0.6	90
119	Neutron scattering study of structural and magnetic size effects in NiO . <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 49, 012021.	0.6	9
120	Disordering effects in the atomic structure of fine-crystalline HTSC $\text{YBa}_2\text{Cu}_3\text{O}_y$. <i>Journal of Experimental and Theoretical Physics</i> , 2012, 114, 1001-1011.	0.9	20
121	Low-temperature structural anomalies in $\text{Pr}_{0.5}\text{Sr}_{0.5}\text{CoO}_3$. <i>JETP Letters</i> , 2011, 93, 263-268.	1.4	13
122	Micro- and macroscopic thermal expansion of stabilized aluminum titanate. <i>Journal of the European Ceramic Society</i> , 2010, 30, 2555-2562.	5.7	39
123	Structure of thermally desorbed CeNi_3 -based hydrides. <i>Inorganic Materials</i> , 2010, 46, 836-841.	0.8	3
124	Correlation of chemical coordination and magnetic ordering in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$		

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127	Crystal structure, phase transition, and magnetic ordering in perovskitelike $\text{Pb}_{3.2}\text{Mn}_2$ Physical Review B, 2008, 78, .	3.2	29
128	Synthesis and structure of CeNi_3D_x . Inorganic Materials, 2007, 43, 704-710.	0.8	4
129	Crystal structure phase separation in anion-deficient $\text{La}_{0.70}\text{Sr}_{0.30}\text{MnO}_3$ $\hat{a}^{\sim} \hat{c}^{\sim}$ manganite system. Journal of Surface Investigation, 2007, 1, 705-710.	0.5	7
130	Structural investigation of anion-deficient manganites $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ $\hat{a}^{\sim} \hat{c}^{\sim}$. Crystallography Reports, 2007, 52, 805-810.	0.6	9
131	Crystal Structure Features of HTSC Cuprates and Relative AF Phases. AIP Conference Proceedings, 2006, , .	0.4	0
132	Concentration-dependent structural transition in the $\text{La}_{0.70}\text{Sr}_{0.30}\text{MnO}_3$ $\hat{a}^{\sim} \hat{c}^{\sim}$ system. JETP Letters, 2006, 84, 254-257.	1.4	16
133	Preparation-dependent properties of $\text{Ca}(\text{Cu},\text{Mn})_7\text{O}_{12}$ CMR materials. Solid State Communications, 2006, 139, 380-385.	1.9	3
134	Structural origin of the giant oxygen isotope effect in $\text{Re}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ perovskites. Physica B: Condensed Matter, 2006, 385-386, 94-96.	2.7	0
135	Magnetostructural phase separation and giant isotope effect in $\text{R}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$. JETP Letters, 2005, 82, 594-598.	1.4	6
136	The effect of oxygen isotope substitution on the phase diagram of nearly half-doped $\text{R}_{1-\hat{x}}\text{Sr}_x\text{MnO}_3$ manganites (R = Sm, NdTb, NdEu). Journal of Physics Condensed Matter, 2005, 17, 1975-1984.	1.8	11