Vyacheslav Rusakov

List of Publications by Year
in descending order

194 papers	1,708 citations	361413 20 h-index	414414 32 g-index
202 all docs	202 docs citations	202 times ranked	1521 citing authors

#	Article	IF	Citations
1	Physicochemical Study of Titanium-Bearing Garnets. Geochemistry International, 2022, 60, 363-378.	0.7	0
2	Magnetic Hyperfine Interactions of 57Fe Probe Atoms in the CaCuxMn7 â€“ xO12 (0 â‰¤ x â‰¤ 1) Manganites. Journal of Experimental and Theoretical Physics, 2021, 132, 426-437.	0.9	0
3	Alkaline-earth metal-doped perovskites La0.95A0.05MnO3+Î´ (A = Ca, Sr): New structural and magnetic features revealed by 57Fe MÃ¶ssbauer spectroscopy and magnetic measurements. Journal of Physics and Chemistry of Solids, 2021, 159, 110268.	4.0	3
4	MÃ¶ssbauer, Nuclear Forward Scattering, and Raman Spectroscopic Approaches in the Investigation of Bioinduced Transformations of Mixed-Valence Antimony Oxide. Journal of Physical Chemistry A, 2021, 125, 139-145.	2.5	4
5	Galfenol/polyurethane Magnetoactive composites study by small angle scattering of resonant synchrotron radiation. Hyperfine Interactions, 2021, 242, 1.	0.5	0
6	Peculiar Spin-Crossover Behavior in the 2D Polymer K[Fe^{III}(5Cl-thsa)₂]. Inorganic Chemistry, 2021, 60, 17462-17479.	4.0	4
7	Phase transformations as a result of thermal annealing of nanocomposite Feâ€“Ni / Feâ€“Niâ€“O particles. Ceramics International, 2020, 46, 1586-1595.	4.8	7
8	Structural and Magnetic Characteristics of Ferrum Nanotubes Obtained at Different Potentials of Electrodeposition. Physica Status Solidi (B): Basic Research, 2020, 257, 1900319.	1.5	1
9	MÃ¶ssbauer and EPR study of ferrihydrite and siderite biotransformations by a syntrophic culture of alkaliphilic bacteria. Journal of Molecular Structure, 2020, 1206, 127606.	3.6	2
10	The effect of temperature on parameters of hyperfine interactions and spatial spin-modulated structure in multiferroic BiFeO₃. Ferroelectrics, 2020, 569, 286-294.	0.6	2
11	Study of Delithiation Process Features in Li_xFe_{0.8}M_{0.2}PO₄ (M = Mg, Mn, Co, Ni) by MÃ¶ssbauer Spectroscopy. Journal of Physical Chemistry C, 2020, 124, 13026-13035.	3.1	6
12	MÃ¶ssbauer and Magnetic Study of Lanthanum Manganite La1Ââ€“ÂxCaxMn0.98Fe0.02O3Â+ÂÎ´ (x = 0.05, 0.10, 0.20): Nonstoichiometric and Stoichiometric Composition. Crystallography Reports, 2020, 65, 347-351.	0.6	2
13	Iron oxide @ gold nanoparticles: Synthesis, properties and potential use as anode materials for lithium-ion batteries. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 603, 125178.	4.7	21
14	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Fe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>57</mml:mn></mml:mmultiscripts></mml:math> MÃ¶ssbauer spectroscopy study of cycloidal spin arrangements and magnetic transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BiF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></r	3.2	10
15	The effect of electron irradiation on the structure and properties of Î±-Fe2O3 nanoparticles as cathode material. Ceramics International, 2020, 46, 13580-13587.	4.8	3
16	Insights into crystal chemistry of the vesuvianite-group: manaevite-(Ce), a new mineral with complex mechanisms of its hydration. Physics and Chemistry of Minerals, 2020, 47, 1.	0.8	4
17	Iron distribution in Fe-rich bustamite-type minerals. Physics and Chemistry of Minerals, 2019, 46, 133-142.	0.8	3
18	FeNi nanotubes: perspective tool for targeted delivery. Applied Nanoscience (Switzerland), 2019, 9, 835-844.	3.1	18

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19	Hyperfine Magnetic Fields at the Nuclei of 57Fe in the Intermetallic System Zr1 â€“xScxFe2. Physics of Metals and Metallography, 2019, 120, 339-344.	1.0	8
20	MÃ¶ssbauer and Magnetic Studies of Doped Lanthanum Manganite La1Ââ€“ÂxCaxMn0.98Fe0.02O3 (x = 0.05,) Tj ETQq0 0 0 rgBT /Over 2019, 13, 462-468.	0.5	3
21	Changes in the Magnetic Structure of Multiferroic BiFe0.80Cr0.20O3 with Temperature. Physics of the Solid State, 2019, 61, 1030-1036.	0.6	6
22	Study of Magnetic Properties of Fe100-xNix Nanostructures Using the MÃ¶ssbauer Spectroscopy Method. Nanomaterials, 2019, 9, 757.	4.1	17
23	Modeling the Spatial Distribution of Snow Cover during the Spring Snowmelt. Russian Meteorology and Hydrology, 2019, 44, 136-144.	1.3	1
24	Probe MÃ¶ssbauer Diagnostics of Charge Ordering in Manganites CaCuxMn7â€“xO12 (0 â‰¤ x â‰¤ 1). Journal of Experimental and Theoretical Physics, 2019, 129, 1017-1028.	0.9	1
25	FeCo nanotubes: possible tool for targeted delivery of drugs and proteins. Applied Nanoscience (Switzerland), 2019, 9, 1091-1099.	3.1	17
26	LiFe1-XMgXPO4/C as cathode materials for lithium-ion batteries. Solid State Ionics, 2018, 317, 149-155.	2.7	15
27	Charge dynamics of 57 Fe probe atoms in La 2 Li 0.5 Cu 0.5 O 4. Solid State Sciences, 2018, 80, 132-140.	3.2	0
28	Zincovelesite-6N6S, Zn3(Fe3+,Mn3+,Al,Ti)8O15(OH), a new hÃ¶gbomite-supergroup mineral from Jacupica mountains, Republic of Macedonia. Mineralogy and Petrology, 2018, 112, 733-742.	1.1	3
29	Siudaite, Na8(Mn2+2Na)Ca6Fe3+3Zr3NbSi25O74(OH)2ClÂ·5H2O: a new eudialyte-group mineral from the Khibiny alkaline massif, Kola Peninsula. Physics and Chemistry of Minerals, 2018, 45, 745-758.	0.8	8
30	MÃ¶ssbauer and Magnetic Studies of Doped Lanthanum Manganite La1 â€“ xCaxMn0.98Fe0.02O3 + Î´ (x = 0.05,) Tj ETQq0 0 0 rgBT /Ov	0.5	3
31	Immobilization of carborane derivatives on Ni/Fe nanotubes for BNCT. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	19
32	Temperature MÃ¶ssbauer study of the spatial spin-modulated structure in the multiferroic BiFeO₃. EPJ Web of Conferences, 2018, 185, 07010.	0.3	7
33	Analysis of the Magnetic Structure of the BiFeO3 Multiferroic by MÃ¶ssbauer Spectroscopy. Doklady Physics, 2018, 63, 223-226.	0.7	8
34	Genomic Insights Into Energy Metabolism of Carboxydocella thermautotrophica Coupling Hydrogenogenic CO Oxidation With the Reduction of Fe(III) Minerals. Frontiers in Microbiology, 2018, 9, 1759.	3.5	23
35	Mechanochemical treatment of maricite-type NaFePO4 for achieving high electrochemical performance. Journal of Solid State Electrochemistry, 2017, 21, 2373-2380.	2.5	17
36	Structure and physical properties of iron nanotubes obtained by template synthesis. Physics of the Solid State, 2017, 59, 784-790.	0.6	17

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37	⁵⁷Fe MÃ¶ssbauer study of unusual magnetic structure of multiferroic 3R-AgFeO₂. Journal of Physics Condensed Matter, 2017, 29, 275803.	1.8	23
38	MÃ¶ssbauer studies of spatial spin-modulated structure and hyperfine interactions in multiferroic Bi57Fe0.10Fe0.85Cr0.05O3. Physics of the Solid State, 2017, 59, 443-449.	0.6	3
39	Enthalpy of formation of natural hydrous iron phosphate: Vivianite. Journal of Chemical Thermodynamics, 2017, 110, 193-200.	2.0	31
40	MÃ¶ssbauer study of iron minerals transformations by Fuchsiella ferrireducens. Hyperfine Interactions, 2017, 238, 1.	0.5	6
41	MÃ¶ssbauer studies of multiferroics BiFe1 â€“ x Cr x O3 (x = 0â€“0.20). Physics of the Solid State, 2017, 59, 1558-1564.	0.6	8
42	Studying the properties of Fe and Feâ€“Co nanotubes in polymer ion-track membranes. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 831-835.	0.6	4
43	MÃ¶ssbauer study of the modulated magnetic structure of FeVO4. Journal of Experimental and Theoretical Physics, 2017, 124, 943-956.	0.9	12
44	X-ray diffraction and spectroscopic study of wiluite: implications for the vesuvianite-group nomenclature. Physics and Chemistry of Minerals, 2017, 44, 577-593.	0.8	8
45	MÃ¶ssbauer study of the reduction of synthesized ferrihydrite by the alkaliphilic iron-reducing bacterium Fuchsiella ferrireducens. Bulletin of the Russian Academy of Sciences: Physics, 2017, 81, 895-900.	0.6	1
46	Vesuvianite from the Somma-Vesuvius Complex: New Data and Revised Formula. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	9
47	TEMPLATE SYNTHESIS AND MAGNETIC CHARACTERIZATION OF FENI NANOTUBES. Progress in Electromagnetics Research C, 2017, 75, 23-30.	0.9	22
48	Hyperfine-interaction parameters and magnetic phase antiferromagnetâ€“ferromagnet transition in Ce(Fe1â€“x Si x)2. Physics of Metals and Metallography, 2016, 117, 1185-1191.	1.0	5
49	Specific features of magnetic states of impurity iron ions in the perovskite La0.75Sr0.25Co0.98 57Fe0.02O3. Physics of the Solid State, 2016, 58, 315-318.	0.6	2
50	A new mineral species ferricoronadite, Pb[Mn6 4+(Fe3+, Mn3+)2]O16: mineralogical characterization, crystal chemistry and physical properties. Physics and Chemistry of Minerals, 2016, 43, 503-514.	0.8	15
51	Lithium-containing Naâ€“Fe-amphibole from cryolite rocks of the Katugin rare-metal deposit (Transbaikalia, Russia): chemical features and crystal structure. Russian Geology and Geophysics, 2016, 57, 1191-1203.	0.7	5
52	Influence of iron doping on structure and electrochemical properties of Li 4 Ti 5 O 12. Electrochimica Acta, 2016, 219, 524-530.	5.2	24
53	Towards a revisitation of vesuvianite-group nomenclature: the crystal structure of Ti-rich vesuvianite from Alchuri, Shigar Valley. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2016, 72, 744-752.	1.1	7
54	Mossbauer research of Fe/Co nanotubes based on track membranes. Nuclear Instruments & Methods in Physics Research B, 2016, 381, 103-109.	1.4	24

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55	Magnesiovoltaite, K2Mg5Fe3+ 3Al(SO4)12Â·18H2O, a new mineral from the Alcaparrosa mine, Antofagasta region, Chile. European Journal of Mineralogy, 2016, 28, 1005-1017.	1.3	8
56	A MÃ¶ssbauer study of iron and ironâ€“cobalt nanotubes in polymer ion-track membranes. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika), 2016, 71, 193-201.	0.4	4
57	Spatial spin-modulated structure and hyperfine interactions of 57Fe nuclei in multiferroics BiFe1â€“x T x O3 (T = Sc, Mn; x = 0, 0.05). Physics of the Solid State, 2016, 58, 102-107.	0.6	6
58	Local states of iron ions in Bi0.815Eu0.085La0.1FeO3 perovskite. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 967-970.	0.6	0
59	Spectrophotometry of (32) Pomona, (145) Adeona, (704) Interamnia, (779) Nina, (330825) 2008 XE3, and 2012 QG42 and laboratory study of possible analog samples. Icarus, 2015, 262, 44-57.	2.5	17
60	Hyperfine interactions of 57Fe impurity nuclei in multiferroic CuCrO2. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 971-975.	0.6	1
61	MÃ¶ssbauer studies of BiFe1â€“x Sc x O3 (x = 0, 0.05) Multiferroics. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 976-979.	0.6	3
62	Temperature investigations of the spatial spin-modulated structure of multiferroic BiFeO3 by means of MÃ¶ssbauer spectroscopy. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 708-711.	0.6	3
63	Iron-rich bustamite from Broken Hill, Australia: The crystal structure and cation-ordering features. Crystallography Reports, 2015, 60, 340-345.	0.6	4
64	Magnetic states of iron ions in perovskite Bi0.75Sr0.25Fe0.95Cr0.05O3â€“y. Bulletin of the Russian Academy of Sciences: Physics, 2015, 79, 774-777.	0.6	0
65	Study of Ni/Fe nanotube properties. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 663-667.	1.4	28
66	Behavior of LiFe1â^'yMnyPO4/C cathode materials upon electrochemical lithium intercalation/deintercalation. Journal of Power Sources, 2015, 300, 444-452.	7.8	40
67	Hilarionite, Fe 2 3+ (SO4)(AsO4)(OH) Â· 6H2O, a new supergene mineral from Lavrion, Greece. Geology of Ore Deposits, 2014, 56, 567-575.	0.7	3
68	Study of spatial spin-modulated structures by MÃ¶ssbauer spectroscopy using SpectrRelax. AIP Conference Proceedings, 2014, , .	0.4	46
69	MÃ¶ssbauer investigations of hyperfine interactions features of 57Fe nuclei in BiFeO3 ferrite. , 2014, , .		20
70	Study of nanocomposites based on iron oxides and pectin. , 2014, , .		2
71	Diagnostics of a spatial spin-modulated structure using nuclear magnetic resonance and MÃ¶ssbauer spectroscopy. JETP Letters, 2014, 100, 463-469.	1.4	26
72	57Fe MÃ¶ssbauer study of Li x Fe1-y Co y PO4 (y = 0, 0.1, 0.2) as cathode material for Li-ion batteries. Hyperfine Interactions, 2014, 226, 791-796.	0.5	2

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73	Spatially modulated magnetic structure of AgFeO2: MÃ¶ssbauer study on 57Fe nuclei. JETP Letters, 2014, 98, 544-550.	1.4	7
74	Structural transitions in La 0.95 Ba 0.05 Mn 0.98 57 Fe 0.02 O 3 under heat treatment. Hyperfine Interactions, 2014, 226, 65-71.	0.5	0
75	57Fe MÃ¶ssbauer study of new multiferroic AgFeO2. Hyperfine Interactions, 2014, 226, 41-50.	0.5	11
76	MÃ¶ssbauer and magnetic studies of nanocomposites containing iron oxides and humic acids. Hyperfine Interactions, 2014, 226, 153-159.	0.5	3
77	LiFe1â^'MIIPO4/C (MII= Co, Ni, Mg) as cathode materials for lithium-ion batteries. Electrochimica Acta, 2014, 122, 180-186.	5.2	38
78	Thermodynamically nonequilibrium states in lanthanum manganite LaMnO3 doped with 5 at % Ba. Physics of the Solid State, 2014, 56, 2100-2106.	0.6	0
79	Study of radiation-induced processes in a layered Be-Fe-Be system subjected to ion irradiation and subsequent isochronous annealings. Physics of Metals and Metallography, 2014, 115, 765-774.	1.0	2
80	57Fe MÃ¶ssbauer Study of Spatial Spin-Modulated Structure in BiFeO3. Journal of Materials Science and Engineering B, 2014, 4, .	0.3	4
81	Hyperfine interactions of 57Fe impurity nuclei in TmNiO3 and YbNiO3 nickelates in the range of magnetic and structure phase transitions. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 672-677.	0.6	2
82	MÃ¶ssbauer study of bacterial iron-reduction processes in natural glauconite and biotite. Bulletin of the Russian Academy of Sciences: Physics, 2013, 77, 734-738.	0.6	4
83	Charge disproportionation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math>NiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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91	Mol̀ssbauer investigations of structural changes in La[sub 0.95]Ba[sub 0.05]Mn[sub 0.98][sup 57]Fe[sub 0.02]O[sub 3+Î] under heat treatment. , 2012, , .		0
92	SpectrRelax: An application for Mol̀ssbauer spectra modeling and fitting. AIP Conference Proceedings, 2012, , .	0.4	260
93	Mol̀ssbauer study of biogenic formation processes of iron minerals. AIP Conference Proceedings, 2012,	0.4	3
94	Magnetic exchange interactions and supertransferred hyperfine fields at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>119</mml:mn></mml:msup></mml:math>Sn probe atoms in CaCu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	5
95	Influence of oxygen fugacity and temperature on the redox state of iron in natural silicic aluminosilicate melts. Geochemistry International, 2012, 50, 330-343.	0.7	8
96	MÃ¶ssbauer investigations of synthetic valleriite. Hyperfine Interactions, 2012, 208, 99-104.	0.5	3
97	MÃ¶ssbauer study of dissimilatory reduction of iron contained in glauconite by alkaliphilic bacteria. Hyperfine Interactions, 2012, 208, 85-89.	0.5	4
98	Simulation of thermally-induced processes of diffusion and phase formation in layered metal-metalloid systems. Moscow University Physics Bulletin (English Translation of Vestnik) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 T	0.4	2
99	Shock wave-induced interaction between meteoritic iron and silicates. Petrology, 2012, 20, 347-355.	0.9	5
100	Structural transformations in La1 â^' x Ba x Mn0.98 57Fe0.02O3 + Î´ (x = 0.05â^'0.20). Physics of the Solid State, 2012, 54, 593-600.	0.6	2
101	MÃ¶ssbauer study of dissimilatory reduction of iron contained in glauconite by alkaliphilic bacteria. , 2012, , 665-669.		0
102	Physical model of thermally induced diffusion and phase-formation processes in layered systems containing three isotopes of two elements. Moscow University Physics Bulletin (English Translation) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	0
103	Simulation of thermally induced processes of diffusion and phase formation in layered Fe-Sn and Fe-Zr systems. Journal of Surface Investigation, 2011, 5, 601-609.	0.5	4
104	Hyperfine magnetic fields at the nuclei of probe 119Sn atoms and exchange interactions in the CaCu3Mn3.96Sn0.04O12 manganite. Journal of Experimental and Theoretical Physics, 2011, 112, 617-624.	0.9	0
105	Specific features of the structural transformations in La1 â^' x Ca x Mn0.98 57Fe0.02O3 + Î´ (x = 0.05â^'0.50). Physics of the Solid State, 2011, 53, 1440-1447.	0.6	9
106	Simulation of diffusion and phase formation during isothermal annealing of lamellar Fe-Zr systems. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 13	0.4	2
107	Study of structural and valence state of Cr and Fe in chrysoberyl and alexandrite with EPR and MÃ¶ssbauer spectroscopy. Moscow University Geology Bulletin, 2011, 66, 102-107.	0.3	4
108	57Fe and 119Sn probe MÃ¶ssbauer spectroscopy investigation of perovskite-type double manganite family CaCu x Mn7â^'x O12 (x = 0, 0.15, 3). Bulletin of the Russian Academy of Sciences: Physics, 2011, 75, 271-276.	0.6	0

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109	Comparison between the quasi-continuous quadrupole splitting distributions (QSD) for MÃ¶ssbauer spectra of glauconites and the QSD-profiles simulated on the basis of crystal-chemical model. Journal of Physics: Conference Series, 2010, 217, 012052.	0.4	1
110	MÃ¶ssbauer study of isomorphous substitutions in Cu2Fe1-xCuxSnS4and Cu2Fe1-xZnxSnS4series. Journal of Physics: Conference Series, 2010, 217, 012038.	0.4	4
111	Laws of thermally induced formation of phases in Î±-Fe with a titanium coating upon isochronous annealings. Physics of Metals and Metallography, 2010, 109, 447-460.	1.0	8
112	Study of thermal stabilization of an intermetallic compound-Î±-Fe(Sn) solid solution layered system. Physics of Metals and Metallography, 2010, 109, 461-468.	1.0	0
113	Simulation of thermally induced processes of diffusion and phase formation in layered binary metallic systems. Physics of Metals and Metallography, 2010, 109, 547-555.	1.0	1
114	Structure of the local environment and hyperfine interactions of 57Fe probe atoms in DyNiO3 nickelate. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 335-338.	0.6	2
115	Electronic state of 57Fe probe atoms in perovskite-type Ni(III) and Cu(III) oxides. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 384-388.	0.6	0
116	MÃ¶ssbauer study of compounds of Cu3 â^' x Fe x SnS4 and Cu2Fe1 â^'x Zn x SnS4 systems. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 389-393.	0.6	3
117	Investigation of iron mineral formation by dissimilatory alcalophilic bacterium Geoalkalibacter ferrihydriticus using MÃ¶ssbauer spectroscopy. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 402-406.	0.6	0
118	MÃ¶ssbauer study of formation of iron oxides and carbonate by dissimilatory alkaliphilic bacterium. Journal of Physics: Conference Series, 2010, 217, 012055.	0.4	7
119	Reduction of amorphous Fe(III)-hydroxide by binary microbial culture, a MÃ¶ssbauer study. Hyperfine Interactions, 2010, 197, 325-330.	0.5	8
120	Study of oxygen fugacity influence on redox state of iron in granitoidic melts. Journal of Physics: Conference Series, 2010, 217, 012050.	0.4	1
121	Structural Transformations Features Comparison in LaMnO[sub 3+Î´] and La[sub 1â^'x]Sr[sub x]MnO[sub 3+Î´] (xâ€‰=â€‰0.05â€“0.2). , 2010, , .		2
122	[sup 57]Fe and [sup 119]Sn Moì^ssbauer Effect Study of Fe-Sn-B Amorphous Alloys. , 2010, , .		3
123	Investigations of Iron Minerals Formed by Dissimilatory Alkaliphilic Bacterium with [sup 57]Fe Moì^ssbauer Spectroscopy. AIP Conference Proceedings, 2010, , .	0.4	9
124	Reduction of amorphous Fe(III)-hydroxide by binary microbial culture, a MÃ¶ssbauer study. , 2010, , 325-330.		0
125	Structure and Magnetic Characteristics of Metal-Polymeric Nanocomposites with Different Fe and Ni Concentrations on the Basis of Polyacrylonitrile. Journal of Nanoelectronics and Optoelectronics, 2010, 4, 325-328.	0.5	1
126	EMR Spectra of Iron-Based Nanoparticles Produced by Dissimilatory Bacteria. Solid State Phenomena, 2009, 152-153, 415-418.	0.3	2

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127	An improved model for the interpretation of Mossbauer spectra of dioctahedral 2:1 trans-vacant Fe-rich micas: refinement of parameters. European Journal of Mineralogy, 2009, 21, 995-1008.	1.3	13
128	Electronic state of 57Fe MÃ¶ssbauer probe atoms in Cu(III) oxides with perovskite and perovskite-related structures. Materials Chemistry and Physics, 2009, 113, 462-467.	4.0	2
129	Investigation of the structure and physicochemical properties of combined nanocomposite coatings based on Tiâ€“Nâ€“Cr/Niâ€“Crâ€“Bâ€“Siâ€“Fe. Russian Physics Journal, 2009, 52, 1317-1324.	0.4	12
130	Spectral properties of simulated impact glasses produced from martian soil analogue JSC Mars-1. Icarus, 2009, 202, 336-353.	2.5	40
131	Nanocomposite protective coatings based on Tiâ€“Nâ€“Cr/Niâ€“Crâ€“Bâ€“Siâ€“Fe, their structure and properties. Vacuum, 2009, 83, S235-S239.	3.5	53
132	Structures and properties of Ti alloys after double implantation. Vacuum, 2009, 83, S240-S244.	3.5	7
133	Electronic state of the 57Fe probe atoms in perovskites LaMO3 (M = Ni, Cu). Russian Journal of Inorganic Chemistry, 2009, 54, 1957-1963.	1.3	1
134	Magnetic hyperfine interactions of 119Sn probe atoms in the binary perovskite CaCu3Mn4O12. Journal of Experimental and Theoretical Physics, 2009, 108, 605-615.	0.9	1
135	Iron minerals formed by dissimilatory iron-and sulfur reducing bacteria studied by MÃ¶ssbauer spectrometry. Hyperfine Interactions, 2008, 182, 55-63.	0.5	9
136	MÃ¶ssbauer study of tektites. Hyperfine Interactions, 2008, 186, 83-88.	0.5	5
137	The special features of the crystal structure and properties of oxides with mixed conductivity based on lanthanum gallate. Russian Journal of Physical Chemistry A, 2008, 82, 1640-1649.	0.6	0
138	Moỳssbauer Investigations of Cu[sub 3â^'x]Fe[sub x]SnS[sub 4] and Cu[sub 2]Fe[sub 1â^'x]Zn[sub x]SnS[sub 4] Systems. , 2008, , .		3
139	On the evolution of the DyNiO3 perovskite across the metalâ€“insulator transition though neutron diffraction and MÃ¶ssbauer spectroscopy studies. Dalton Transactions, 2008, , 6584.	3.3	17
140	Local Environment and Electronic Structure in K2NiF4-type La2Li0.50Cu0.50O4 Doped by 57Fe. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 244-250.	0.7	2
141	Iron minerals formed by dissimilatory iron-and sulfur reducing bacteria studied by MÃ¶ssbauer spectrometry. , 2008, , 55-63.		0
142	Evidence through MÃ¶ssbauer spectroscopy of two different states for57Fe probe atoms in RNiO3perovskites with intermediate-size rare earths, R = Sm,Eu,Gd,Dy. Journal of Physics Condensed Matter, 2007, 19, 036201.	1.8	11
143	Mössbauer study of the local environment of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Fe</mml:mi><mml:mprescripts /><mml:none /><mml:mn>57</mml:mn></mml:mmultiscripts></mml:math>probe atoms in perovskite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Ca</mml:mi><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:mi	3.2	27
144	The Radio Absorptive Materials on the Basis of "Core-Shell" Nanoparticles in Polymeric Matrix. , 2007, , .		2

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