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	SpectrRelax: An application for MoÌ‚ssbauer spectra modeling and fitting. AIP Conference Proceedings, 2012, , .	0.4	260
2	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
3	Study of spatial spin-modulated structures by MÃ¶ssbauer spectroscopy using SpectrRelax. AIP Conference Proceedings, 2014, , .	0.4	46
4	Spectral properties of simulated impact glasses produced from martian soil analogue JSC Mars-1. Icarus, 2009, 202, 336-353.	2.5	40
5	Behavior of LiFe1â^'yMnyPO4/C cathode materials upon electrochemical lithium intercalation/deintercalation. Journal of Power Sources, 2015, 300, 444-452.	7.8	40
6	MÃ¶ssbauer Spectroscopy of Locally Inhomogeneous Systems. Hyperfine Interactions, 2006, 164, 87-97.	0.5	39
7	LiFe1â^'MIIPO4/C (MII= Co, Ni, Mg) as cathode materials for lithium-ion batteries. Electrochimica Acta, 2014, 122, 180-186.	5.2	38
8	Enthalpy of formation of natural hydrous iron phosphate: Vivianite. Journal of Chemical Thermodynamics, 2017, 110, 193-200.	2.0	31
9	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		

#	Article	IF	Citations
19	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
20	TEMPLATE SYNTHESIS AND MAGNETIC CHARACTERIZATION OF FENI NANOTUBES. Progress in Electromagnetics Research C, 2017, 75, 23-30.	0.9	22
21	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
22	MÃ¶ssbauer investigations of hyperfine interactions features of 57Fe nuclei in BiFeO3 ferrite. , 2014, , .		20
23	Immobilization of carborane derivatives on Ni/Fe nanotubes for BNCT. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	19
24	FeNi nanotubes: perspective tool for targeted delivery. Applied Nanoscience (Switzerland), 2019, 9, 835-844.	3.1	18
25	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
26	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
27	Mechanochemical treatment of maricite-type NaFePO4 for achieving high electrochemical performance. Journal of Solid State Electrochemistry, 2017, 21, 2373-2380.	2.5	17
28	Structure and physical properties of iron nanotubes obtained by template synthesis. Physics of the Solid State, 2017, 59, 784-790.	0.6	17
29	Study of Magnetic Properties of Fe100-xNix Nanostructures Using the MÃ¶ssbauer Spectroscopy Method. Nanomaterials, 2019, 9, 757.	4.1	17
30	FeCo nanotubes: possible tool for targeted delivery of drugs and proteins. Applied Nanoscience (Switzerland), 2019, 9, 1091-1099.	3.1	17
31	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
32	LiFe1-XMgXPO4/C as cathode materials for lithium-ion batteries. Solid State Ionics, 2018, 317, 149-155.	2.7	15
33	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
34	MÃ¶ssbauer study of layered iron hydroxysulfides: Tochilinite and valleriite. Bulletin of the Russian Academy of Sciences: Physics, 2007, 71, 1269-1272.	0.6	12
35	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
36	Lithium intercalation and deintercalation into lithiumâ€“iron phosphates doped with cobalt. Mendeleev Communications, 2013, 23, 251-252.	1.6	12

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37	MÃ¶ssbauer study of the modulated magnetic structure of FeVO4. Journal of Experimental and Theoretical Physics, 2017, 124, 943-956.	0.9	12
38	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
39	57Fe MÃ¶ssbauer study of new multiferroic AgFeO2. Hyperfine Interactions, 2014, 226, 41-50.	0.5	11
40	MÃ¶ssbauer investigations of natural and synthetic tochilinite and valleriite. European Physical Journal D, 2006, 56, E123-E131.	0.4	10
41	<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></	3.2	10
42	Mossbauer spectroscopy and magneto-optical studies of Tb-Fe films. IEEE Transactions on Magnetics, 1992, 28, 2524-2526.	2.1	9
43	MÃ¶ssbauer Study of Thin Iron Film Beryllization. Hyperfine Interactions, 2002, 141/142, 453-457.	0.5	9
44	Thermal stabilization of phase and structural state in binary lamellar metallic systems. Journal of Physics Condensed Matter, 2006, 18, 4113-4126.	1.8	9
45	Iron minerals formed by dissimilatory iron-and sulfur reducing bacteria studied by MÃ¶ssbauer spectrometry. Hyperfine Interactions, 2008, 182, 55-63.	0.5	9
46	Investigations of Iron Minerals Formed by Dissimilatory Alkaliphilic Bacterium with [sup 57]Fe Mol^ssbauer Spectroscopy. AIP Conference Proceedings, 2010, , .	0.4	9
47	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
48	Structure-phase transformations in the Beâ€“Feâ€“Be layered system subjected to irradiation and thermal treatment. Journal of Physics and Chemistry of Solids, 2013, 74, 1078-1085.	4.0	9
49	Octahedral cation distribution in glauconites from Southern Urals by combination of crystal-chemical model and quasi-continuous model-independent quadrupole splitting distributions (QSD) fitted to their MÃ¶ssbauer spectra. European Journal of Mineralogy, 2013, 25, 405-414.	1.3	9
50	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
51	MÃ¶ssbauer Study of Magnetite Formation by Iron- and Sulfate-Reducing Bacteria. Hyperfine Interactions, 2004, 156/157, 411-415.	0.5	8
52	Thermally Induced Processes of Intermetalloid Phase Formation in Laminar Systems Feâ€“Sn. Hyperfine Interactions, 2004, 156/157, 623-628.	0.5	8
53	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
54	Reduction of amorphous Fe(III)-hydroxide by binary microbial culture, a MÃ¶ssbauer study. Hyperfine Interactions, 2010, 197, 325-330.	0.5	8

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55	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
56	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
57	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
58	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
59	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
60	Analysis of the Magnetic Structure of the BiFeO3 Multiferroic by MÃ¶ssbauer Spectroscopy. Doklady Physics, 2018, 63, 223-226.	0.7	8
61	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
62	Diffusion and phase formation in thin two-layer Feâ€“Be films after subsequent isochronous annealing. Nuclear Instruments & Methods in Physics Research B, 2001, 174, 463-474.	1.4	7
63	Hole defects in the crystal structure of synthetic lipscombite (Fe 4.7 3+ Fe 2.3 2+)[PO4]4O2.7(OH)1.3 and genetic crystal chemistry of minerals of the lipscombite-barbosalite series. Crystallography Reports, 2006, 51, 401-411.	0.6	7
64	Structures and properties of Ti alloys after double implantation. Vacuum, 2009, 83, S240-S244.	3.5	7
65	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
66	Spatially modulated magnetic structure of AgFeO2: MÃ¶ssbauer study on 57Fe nuclei. JETP Letters, 2014, 98, 544-550.	1.4	7
67	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
68	Temperature MÃ¶ssbauer study of the spatial spin-modulated structure in the multiferroic BiFeO₃. EPJ Web of Conferences, 2018, 185, 07010.	0.3	7
69	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
70	MÃ¶ssbauer effect study of Co, Ni, Mn, and Al bearing goethites. Hyperfine Interactions, 1989, 46, 689-693.	0.5	6
71	Phase transformation studies in implantation induced ironâ€“metalloid systems studied by MÃ¶ssbauer spectroscopy. Nuclear Instruments & Methods in Physics Research B, 2000, 170, 85-97.	1.4	6
72	Reason for line broadening in emission MÃ¶ssbauer spectra. Journal of Radioanalytical and Nuclear Chemistry, 2005, 266, 557-560.	1.5	6

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73	Electronic state of 57Fe used as MÃ¶ssbauer probe in the perovskites LaMO3 (M=Ni and Cu). Journal of Solid State Chemistry, 2007, 180, 3253-3261.	2.9	6
74	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
75	MÃ¶ssbauer study of iron minerals transformations by Fuchsiella ferrireducens. Hyperfine Interactions, 2017, 238, 1.	0.5	6
76	Changes in the Magnetic Structure of Multiferroic BiFe0.80Cr0.20O3 with Temperature. Physics of the Solid State, 2019, 61, 1030-1036.	0.6	6
77	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
78	MÃ¶ssbauer studies of the atomic distributions and hyperfine interactions in Mn-Fe alloys with Î²-Mn structure. Physics of the Solid State, 1997, 39, 1276-1280.	0.6	5
79	MÃ¶ssbauer Investigation of Biologically-Induced Mineralization Processes. , 2002, , 397-400.		5
80	Precision X-ray diffraction and MÃ¶ssbauer studies and computer simulation of the structure and properties of malayaite CaSnOSiO4. Crystallography Reports, 2002, 47, 759-767.	0.6	5
81	Examination of Synthetic Murataite Structure Using Data of Mossbauer Spectroscopy. Materials Research Society Symposia Proceedings, 2003, 807, 80.	0.1	5
82	MÃ¶ssbauer spectroscopy in studying magnetite formed by iron- and sulfate-reducing bacteria. European Physical Journal D, 2005, 55, 781-790.	0.4	5
83	MÃ¶ssbauer Study of Ferrite-garnets as Matrixes for Disposal of Highly Radioactive Waste Products. Hyperfine Interactions, 2006, 164, 99-104.	0.5	5
84	Effects of trapped electrons on the line shape in emission MÃ¶ssbauer spectra. Hyperfine Interactions, 2006, 167, 881-885.	0.5	5
85	Investigation of the manganite CaMn7O12 through 57Fe probe MÃ¶ssbauer spectroscopy in two different temperature domains. Solid State Communications, 2007, 142, 509-514.	1.9	5
86	MÃ¶ssbauer study of tektites. Hyperfine Interactions, 2008, 186, 83-88.	0.5	5
87	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
88	Shock wave-induced interaction between meteoritic iron and silicates. Petrology, 2012, 20, 347-355.	0.9	5
89	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
90	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

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91	On the interconnection of the magnetic hyperfine fields in sublattices of spinal-type ferrites. Physics Letters, Section A: General, Atomic and Solid State Physics, 1983, 99, 253-254.	2.1	4
92	Tetragonalization of (Ca3â˜'x Ax)(Zr2â˜'y Fey)Fe3O12 (A = Ce, Th, Gd) ferrite garnets as revealed by MÃ¶ssbauer spectroscopy and the Rietveld analysis. Doklady Physics, 2004, 49, 715-722.	0.7	4
93	Local structure, chemical bond parameters and hyperfine magnetic interactions of57Fe and doped119Sn atoms in the orthoferrites TlFeO3and TlFe0.99Sn0.01O3. Journal of Physics Condensed Matter, 2006, 18, 8943-8959.	1.8	4
94	MÃ¶ssbauer studies of natural glasses of impact and volcanic origin. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo Universiteta, Fizika), 2007, 62, 187-192.	0.4	4
95	MÃ¶ssbauer Study of Iron Minerals Formed by Dissimilatory Bacterium. Solid State Phenomena, 0, 152-153, 431-434.	0.3	4
96	MÃ¶ssbauer study of isomorphous substitutions in Cu2Fe1-xCuxSnS4and Cu2Fe1-xZnxSnS4series. Journal of Physics: Conference Series, 2010, 217, 012038.	0.4	4
97	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
98	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
99	MÃ¶ssbauer and Magnetic Study of Solid Phases Formed by Dissimilatory Iron-Reducing Bacteria. Solid State Phenomena, 2012, 190, 721-724.	0.3	4
100	MÃ¶ssbauer study of dissimilatory reduction of iron contained in glauconite by alkaliphilic bacteria. Hyperfine Interactions, 2012, 208, 85-89.	0.5	4
101	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
102	Iron-rich bustamite from Broken Hill, Australia: The crystal structure and cation-ordering features. Crystallography Reports, 2015, 60, 340-345.	0.6	4
103	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
104	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
105	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
106	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
107	57Fe MÃ¶ssbauer Study of Spatial Spin-Modulated Structure in BiFeO3. Journal of Materials Science and Engineering B, 2014, 4, .	0.3	4
108	Peculiar Spin-Crossover Behavior in the 2D Polymer K[Fe^{III}(5Cl-thsa)₂]. Inorganic Chemistry, 2021, 60, 17462-17479.	4.0	4

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109	Investigations of sulfide minerals with layered structure by MÃ¶ssbauer spectroscopy methods. Hyperfine Interactions, 2006, 166, 613-617.	0.5	3
110	MÃ¶ssbauer studies of the thermal stability of layered metallic systems. Physics of Metals and Metallography, 2007, 104, 372-380.	1.0	3
111	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
112	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
113	[sup 57]Fe and [sup 119]Sn Moỳssbauer Effect Study of Fe-Sn-B Amorphous Alloys. , 2010, , .		3
114	Moỳssbauer study of biogenic formation processes of iron minerals. AIP Conference Proceedings, 2012, , .	0.4	3
115	MÃ¶ssbauer investigations of synthetic valleriite. Hyperfine Interactions, 2012, 208, 99-104.	0.5	3
116	Crystal structure and phase transition in the doped superâ€ionic conductor bismuth vanadate Bi₄(V,Fe)₂O₁₁ revealed by neutron diffraction. Physica Status Solidi (B): Basic Research, 2013, 250, 1345-1351.	1.5	3
117	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
118	MÃ¶ssbauer and magnetic studies of nanocomposites containing iron oxides and humic acids. Hyperfine Interactions, 2014, 226, 153-159.	0.5	3
119	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
120	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
121	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
122	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
123	MÃ¶ssbauer and Magnetic Studies of Doped Lanthanum Manganite La1 â€“ xCaxMn0.98Fe0.02O3 + Î´ (x = 0.05,) Tj ETQq1 1 0.7843	0.5	3
124	Iron distribution in Fe-rich bustamite-type minerals. Physics and Chemistry of Minerals, 2019, 46, 133-142.	0.8	3
125	MÃ¶ssbauer and Magnetic Studies of Doped Lanthanum Manganite La1Ââ€“ÂxCaxMn0.98Fe0.02O3 (x = 0.05,) Tj ETQq1 1 0.784314 rg 2019, 13, 462-468.	0.5	3
126	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

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127	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
128	MÃ–ssbauer Study of Iron Sulfide Crystallization Processes. , 2002, , 461-464.		3
129	An57Fe MÃ¶ssbauer study of iron concretions in weathered, nickeliferous Cuban crust. Hyperfine Interactions, 1990, 57, 2195-2199.	0.5	2
130	High-Temperature Microbial Sulfate Reduction Can Be Accompanied by Magnetite Formation. Microbiology, 2004, 73, 469-473.	1.2	2
131	The Radio Absorptive Materials on the Basis of "Core-Shell" Nanoparticles in Polymeric Matrix. , 2007, , .		2
132	MÃ¶ssbauer investigations of the CaMn7O12 double manganite with the nuclei of 57Fe probe atoms. JETP Letters, 2007, 85, 444-448.	1.4	2
133	119Sn and 57Fe MÃ¶ssbauer study of the local structure of perovskite-type ferrites CaFe2 â^' x N x O5 (N =) Tj ETQq1 1 0.784314 rgBT 1314-1321.	0.6	2
134	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
135	EMR Spectra of Iron-Based Nanoparticles Produced by Dissimilatory Bacteria. Solid State Phenomena, 2009, 152-153, 415-418.	0.3	2
136	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
137	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
138	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
139	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 ETQq1 1 0.784314 rgBT /Overlock 10	0.4	2
140	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 50 217 T	0.4	2
141	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
142	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
143	Quadrupole interactions in tetraoxoferrates (VI). Hyperfine Interactions, 2013, 222, 67-72.	0.5	2
144	Fluctuations of structural transformations in La0.95Ba0.05Mn0.9857Fe0.02O3+Î´ under heat treatment. Materials Letters, 2013, 96, 82-84.	2.6	2

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145	Study of nanocomposites based on iron oxides and pectin. , 2014, , .		2
146	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
147	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
148	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
149	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
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