

Andrew V Pyataev

List of Publications by Year in descending order

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23
papers

280
citations

933447

10
h-index

888059

17
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23
all docs

23
docs citations

23
times ranked

317
citing authors

#	ARTICLE	IF	CITATIONS
1	Mössbauer studies of $\text{Cu}^{1-x}\text{Ni}_x\text{FeMnO}_4$ spinel ferrites. Journal of Magnetism and Magnetic Materials, 2005, 288, 267-275.	2.3	40
2	Detailed EPR Study of Spin Crossover Dendrimeric Iron(III) Complex. Journal of Physical Chemistry B, 2013, 117, 7833-7842.	2.6	35
3	Magnetic Resonance and Mössbauer Studies of Superparamagnetic Fe_2O_3 Nanoparticles Encapsulated into Liquid-Crystalline Poly(propylene imine) Dendrimers. ChemPhysChem, 2011, 12, 3009-3019.	2.1	25
4	Mesoporous Iron(III)-Doped Hydroxyapatite Nanopowders Obtained via Iron Oxalate. Nanomaterials, 2021, 11, 811.	4.1	25
5	Phase separation in paramagnetic $\text{Eu}_{0.6}\text{La}_{0.4}\text{Sr}_x\text{Fe}_2\text{O}_7$ compounds. Journal of Applied Physics, 2016, 119, 174102.	3.2	24
6	Structural, Magnetic and Dynamic Characterization of Liquid Crystalline Iron(III) Schiff Base Complexes with Asymmetric Ligands. European Journal of Inorganic Chemistry, 2011, 2011, 1219-1229.	2.0	23
7	Iron-Containing Poly(propylene imine) Dendrosesogens with Photoactive Properties. Macromolecular Chemistry and Physics, 2010, 211, 791-800.	2.2	20
8	Blue shift in optical absorption, magnetism and light-induced superparamagnetism in Fe_2O_3 nanoparticles formed in dendrimer. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	14
9	Magnetic properties of novel dendrimeric spin crossover iron(III) complex. Inorganica Chimica Acta, 2016, 439, 186-195.	2.4	13
10	Nanoparticles based on gadolinium(iii) and europium(iii) complexes for biovisualization. Russian Chemical Bulletin, 2016, 65, 1325-1331.	1.5	11
11	Coexistence of spin crossover and magnetic ordering in a dendrimeric Fe(III) complex. Low Temperature Physics, 2015, 41, 15-19.	0.6	10
12	Magnetic Properties of Novel Dendrimeric Iron(III) Complexes of the First Generation: EPR and Mössbauer Study. Applied Magnetic Resonance, 2016, 47, 903-913.	1.2	10
13	Stepwise magnetic behavior of the liquid crystal iron(III) complex. Journal of Structural Chemistry, 2013, 54, 16-27.	1.0	7
14	Mössbauer study of structurally ordered iron coordination compounds and polyurethanes crosslinked by them. Polymer Science - Series A, 2006, 48, 612-617.	1.0	6
15	Optical properties and photoinduced superparamagnetism of Fe_2O_3 nanoparticles formed in dendrimer. Materials Science in Semiconductor Processing, 2015, 38, 336-341.	4.0	5
16	Study of the magnetic phase separation in the $\text{Eu}_{0.65}\text{Sr}_{0.35}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ ceramics by EPR and Mössbauer spectroscopy. Physics of the Solid State, 2010, 52, 2399-2404.	0.6	4
17	Mössbauer investigations of magnetic system stratification in europium and thulium ferromanganites. Bulletin of the Russian Academy of Sciences: Physics, 2010, 74, 343-346.	0.6	4
18	Mössbauer study of the process of the room-temperature aging of the alloy $\text{Cu}_{79}\text{Ni}_{14}\text{Fe}_7$. Physics of Metals and Metallography, 2011, 111, 38-44.	1.0	2

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19	Radio-frequency controllable quantum interference in Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2006, 167, 893-896.	0.5	1
20	Structural, magnetic and fluorescence characterization of europium(III) azomethine complexes with asymmetric ligands. <i>Polyhedron</i> , 2021, 199, 115092.	2.2	1
21	On the application of selective-excitation double Mössbauer spectroscopy to problems in materials science. <i>Russian Physics Journal</i> , 2010, 53, 353-356.	0.4	0
22	Mössbauer spectra and magnetic properties of $Tm_{0.65}Sr_{0.35}Fe_xMn_{1-x}O_3$ ($x = 0.3, 0.35, 0.4$). <i>Inorganic Materials</i> , 2013, 49, 939-942.	0.8	0
23	Mössbauer study of non-stoichiometric $FeCr_2S_4$ system. <i>Journal of Molecular Structure</i> , 2020, 1199, 126941.	3.6	0