

R Morgunov

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271
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1,458
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L-index

#	Paper	IF	Citations
262	Spin micromechanics in the physics of plasticity. <i>Physics-Uspexhi</i> , 2004 , 47, 125-147	2.8	86
261	Molecular Metals Based on BEDT-TTF Radical Cation Salts with Magnetic Metal Oxalates as Counterions: λ -(BEDT-TTF) ₄ A[M(C ₂ O ₄) ₃]DMF (A = NH ₄ ⁺ , K ⁺ ; M = Cr ^{III} , Fe ^{III}). <i>Advanced Functional Materials</i> , 2003 , 13, 403-411	15.6	77
260	Spin micromechanics in the physics of plasticity. <i>Uspexhi Fizicheskikh Nauk</i> , 2004 , 174, 131	0.5	61
259	Single-Ion Magnet EtN[Co(hfac)] with Nonuniaxial Anisotropy: Synthesis, Experimental Characterization, and Theoretical Modeling. <i>Inorganic Chemistry</i> , 2016 , 55, 9696-9706	5.1	53
258	Electron paramagnetic resonance in a subsystem of structural defects as a factor in the plasticization of NaCl crystals. <i>JETP Letters</i> , 1998 , 68, 426-431	1.2	29
257	Electron spin resonance and microwave magnetoresistance in Ge:Mn thin films. <i>Physical Review B</i> , 2008 , 78,	3.3	29
256	Spin solitons and spin waves in chiral and racemic molecular based ferrimagnets. <i>Physical Review B</i> , 2008 , 77,	3.3	27
255	Synthesis, Structure, and Magnetic Properties of 1D {[Mn(CN)][Mn(dapsc)]} Coordination Polymers: Origin of Unconventional Single-Chain Magnet Behavior. <i>Inorganic Chemistry</i> , 2017 , 56, 8926-8943	5.1	26
254	Magnetization switching diagram of a perpendicular synthetic ferrimagnet CoFeB/Ta/CoFeB bilayer. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 433, 91-97	2.8	25
253	Effect of magnetic defects and dimensionality on the spin dynamics of GeMn systems: Electron spin resonance measurements. <i>Physical Review B</i> , 2008 , 77,	3.3	25
252	Magneto resonant softening of solids. <i>Molecular Physics</i> , 2002 , 100, 1291-1296	1.7	25
251	Percolation ferromagnetism and spin waves in Ge:Mn thin films. <i>Physical Review B</i> , 2009 , 80,	3.3	22
250	Magneto resonant hardening of silicon single crystals. <i>JETP Letters</i> , 2004 , 79, 126-130	1.2	22
249	Magnetoplasticity and magnetic memory in diamagnetic solids. <i>Journal of Experimental and Theoretical Physics</i> , 2009 , 109, 434-441	1	19
248	Thermally-induced paramagnetism of spiropyran iodides. <i>New Journal of Chemistry</i> , 2009 , 33, 1374	3.6	18
247	Molecular magnetic semiconductors formed by cationic and anionic networks: (ET) ₂ Mn[N(CN) ₂] ₃ and (ET) ₂ CuMn[N(CN) ₂] ₄ . <i>Journal of Materials Chemistry</i> , 2007 , 17, 4407		16
246	Slow magnetic relaxation in mononuclear complexes of Tb, Dy, Ho and Er with the pentadentate (N ₃ O ₂) Schiff-base dapsc ligand. <i>New Journal of Chemistry</i> , 2018 , 42, 14883-14893	3.6	15

245	Magnetic field response of NaCl:Eu crystal plasticity due to spin-dependent Eu ²⁺ aggregation. <i>Physical Review B</i> , 2010 , 82,	3.3	15
244	Magnetic field and temperature control over Pt/Co/Ir/Co/Pt multistate magnetic logic device. <i>Superlattices and Microstructures</i> , 2017 , 104, 509-517	2.8	14
243	Ferromagnetism and microwave magnetoresistance of GaMnSb films. <i>Physics of the Solid State</i> , 2015 , 57, 322-330	0.8	14
242	Bifurcation of magnetic anisotropy caused by small addition of Sm in (Nd _{1-x} Sm _x Dy)(FeCo)B magnetic alloy. <i>Journal of Applied Physics</i> , 2015 , 117, 243903	2.5	14
241	Structure and properties of binuclear nitrosyl iron complex with benzimidazole-2-thioly. <i>Dalton Transactions</i> , 2009 , 1703-6	4.3	14
240	New luminescent bands induced by plastic deformation of NaCl:Eu phosphors. <i>Physica Status Solidi A</i> , 2004 , 201, 148-156		14
239	Effect of a weak magnetic field on the state of structural defects and the plasticity of ionic crystals. <i>Journal of Experimental and Theoretical Physics</i> , 1999 , 88, 332-341	1	14
238	The first photochromic bimetallic assemblies based on Mn(III) and Mn(II) Schiff-base (salpn, dapsc) complexes and pentacyanonitrosylferrate. <i>CrystEngComm</i> , 2015 , 17, 3866-3876	3.3	13
237	Halogen atom effect on the magnetic anisotropy of pseudotetrahedral Co(II) complexes with a quinoline ligand. <i>Polyhedron</i> , 2015 , 102, 147-151	2.7	13
236	Nonmonotonic aftereffect measurements in perpendicular synthetic ferrimagnets. <i>Physical Review B</i> , 2018 , 98,	3.3	13
235	Spin dynamics in magnetic semiconductor nanostructures. <i>Physics of the Solid State</i> , 2009 , 51, 1985-2002.	0.8	13
234	Magnetic isotope and magnetic field effects on the silicon oxidation. <i>Chemical Physics Letters</i> , 2013 , 560, 29-31	2.5	12
233	Magnetic field effect on chemical wave propagation from the Belousov-Zhabotinsky reaction. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 4592-7	2.8	12
232	Effect of chirality on domain wall dynamics in molecular ferrimagnet [MnII(HL-pn)(H ₂ O)][MnIII(CN) ₆] ₂ ·2H ₂ O. <i>European Physical Journal B</i> , 2011 , 84, 219-225	1.2	12
231	Spin-wave resonance in Ge _{1-x} Mn _x films exhibiting percolation ferromagnetism. <i>Journal of Experimental and Theoretical Physics</i> , 2009 , 108, 985-991	1	12
230	A new type of magnetoplastic effects in linear amorphous polymers. <i>Physics of the Solid State</i> , 2001 , 43, 859-864	0.8	12
229	Magnetic phase transition in e-In _x Fe _{2-3x} O ₃ nanowires. <i>Physics of the Solid State</i> , 2013 , 55, 2252-2259	0.8	11
228	Magnetic field effect on spin dependent conversion of nonequilibrium Si ^{1D} chemical bonds on the Czochralski-grown Si crystal surface. <i>Journal of Applied Physics</i> , 2011 , 110, 044905	2.5	11

227	Nonlinear spin-wave phenomena in the $[\text{Mn}\{(R/S)\text{-pn}\}_2]_2[\text{Mn}\{(R/S)\text{-pn}\}_2\text{H}_2\text{O}][\text{Cr}(\text{CN})_6]$ molecular ferrimagnet. <i>Physical Review B</i> , 2010 , 82,	3.3	11
226	Slow Magnetic Relaxation, Antiferromagnetic Ordering, and Metamagnetism in Mn (H dapsco)-Fe (CN) Chain Complex with Highly Anisotropic Fe-CN-Mn Spin Coupling. <i>Chemistry - A European Journal</i> , 2019 , 25, 14583-14597	4.8	10
225	Spin-reorientation transition in e-In _{0.24} Fe _{1.76} O ₃ nanowires. <i>Physics of the Solid State</i> , 2014 , 56, 1795-1798	10	
224	Electron spin resonance in InGaAs/GaAs heterostructures with a manganese δ layer. <i>Journal of Experimental and Theoretical Physics</i> , 2011 , 112, 317-326	1	10
223	Electron spin resonance of charge carriers and antiferromagnetic clusters in Ge _{0.99} Cr _{0.01} nanowires. <i>Journal of Applied Physics</i> , 2009 , 105, 093922	2.5	10
222	Spin solitons in molecular magnetic materials with the chiral structure. <i>JETP Letters</i> , 2006 , 84, 446-450	1.2	9
221	Influence of the magnetic field sweeping rate on magnetic transitions in synthetic ferrimagnets with perpendicular anisotropy. <i>Applied Physics Letters</i> , 2019 , 114, 222402	3.4	8
220	Relation between the magnetization and the electrical properties of alloy GaSb-MnSb films. <i>Journal of Experimental and Theoretical Physics</i> , 2015 , 120, 1012-1018	1	8
219	Influence of the regime of plastic deformation on the magnetic properties of single-crystal silicon Cz-Si. <i>Physics of the Solid State</i> , 2011 , 53, 1547-1553	0.8	8
218	Dislocations used to probe the defect state of an ionic crystal lattice excited by a pulsed magnetic field. <i>Physics of the Solid State</i> , 1997 , 39, 554-558	0.8	8
217	Magnetic fluctuations sorted by magnetic field in MnSb clusters embedded in GaMnSb thin films. <i>Journal of Applied Physics</i> , 2016 , 119, 073905	2.5	8
216	Effect of MnSb clusters recharge on ferromagnetism in GaSb-MnSb thin films. <i>Superlattices and Microstructures</i> , 2016 , 95, 14-23	2.8	8
215	Magnetic noise as the cause of the spontaneous magnetization reversal of RE \square MB permanent magnets. <i>Journal of Experimental and Theoretical Physics</i> , 2016 , 123, 303-307	1	8
214	Remote microwave monitoring of magnetization switching in CoFeB/Ta/CoFeB spin logic device. <i>Applied Physics Letters</i> , 2017 , 110, 212403	3.4	7
213	Relaxation dynamics of magnetization transitions in synthetic antiferromagnet with perpendicular anisotropy. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 135804	1.8	7
212	Oscillatory dynamics of the magnetic moment of a Pt/Co/Ir/Co/Pt synthetic antiferromagnet. <i>Physical Review B</i> , 2019 , 100,	3.3	7
211	Magnetic aftereffects in CoFeB/Ta/CoFeB spin valves of large area. <i>Physical Review B</i> , 2017 , 96,	3.3	7
210	Photoluminescence response of a quantum well to a change in the magnetic field of the Mn δ layer in InGaAs/GaAs heterostructures. <i>Journal of Experimental and Theoretical Physics</i> , 2011 , 113, 138-147	1	7

209	Ferromagnetic resonance of cobalt nanoparticles in the polymer shell. <i>Physics of the Solid State</i> , 2007 , 49, 1507-1513	0.8	7
208	Synthesis, structure, and NO-donor activity of the paramagnetic complex [Fe ₂ (SC ₃ H ₅ N ₂) ₂ (NO) ₄] as a model of nitrosyl [2FE-2S] proteins. <i>Russian Chemical Bulletin</i> , 2007 , 56, 28-34	1.7	7
207	Magnetic field effect on the photoluminescence of an Eu impurity during its aggregation in NaCl crystals. <i>JETP Letters</i> , 2002 , 76, 307-311	1.2	7
206	Effect of a magnetic field on the electroluminescence intensity of single-crystal ZnS. <i>Physics of the Solid State</i> , 1999 , 41, 1783-1785	0.8	7
205	Thiacalix[4]arene-containing M ₂ Ln ₂ complexes (M = MnII, CoII; Ln = EuIII, PrIII): synthesis, structure, and magnetic properties. <i>Russian Chemical Bulletin</i> , 2014 , 63, 1465-1474	1.7	6
204	Magnetic effects in the oxidation of silicon. <i>JETP Letters</i> , 2012 , 96, 102-104	1.2	6
203	Microwave magnetoresistance in Ge:Mn nanowires and nanofilms. <i>Science and Technology of Advanced Materials</i> , 2008 , 9, 024207	7.1	6
202	Magnetic resonance in Ge _{0.99} Mn _{0.01} nanowires. <i>Physics of the Solid State</i> , 2007 , 49, 296-301	0.8	6
201	Kinetics of transformation of Eu ²⁺ dimers in NaCl crystals in a static magnetic field of 15 T. <i>Physics of the Solid State</i> , 2007 , 49, 445-448	0.8	6
200	Synthesis, structure, and the photomagnetic effect in crystals of 1,3,3,7-tetramethylspiro[indoline-2,2'-2H-pyrano[3,2-f]quinolinium] tris(oxalato)chromate(III). <i>Russian Chemical Bulletin</i> , 2008 , 57, 2495-2505	1.7	6
199	Magnetic resonance in a [Cr(CN) ₆]{Mn(S)-pnH-(H ₂ O)}] · nH ₂ O single-crystal molecular ferrimagnet. <i>Physics of the Solid State</i> , 2005 , 47, 2106	0.8	6
198	Bistable and Multi-Domain States of Fe/(PrDy)(FeCo)B Ferromagnetic Microwires. <i>Physics of the Solid State</i> , 2019 , 61, 2061-2068	0.8	6
197	Slow Oscillations of the Perpendicular Magnetization of the Pt/Co/Ir/Co/Pt Spin Valve. <i>JETP Letters</i> , 2018 , 108, 137-141	1.2	6
196	Color of postponed magnetic noise in K _{0.4} [Cr(CN) ₆][Mn(R/S)pn](R/S)pnH _{0.6} molecular ferrimagnet. <i>Physical Review B</i> , 2016 , 94,	3.3	5
195	Magnetic properties and spin dynamics of CoFeB/BiO ₂ multilayer granular heterostructures. <i>Physics of the Solid State</i> , 2016 , 58, 1121-1127	0.8	5
194	Accurate tuning of (NdDySm)(FeCo)B coercivity by Sm magnetic anisotropy. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3.1	5
193	Anomalous effect of Sm additives on the magnetic properties of (Nd _{1-x} Sm _x Dy)(FeCo)B intermetallics. <i>Journal of Experimental and Theoretical Physics</i> , 2015 , 121, 429-436	1	5
192	Effect of dehydration on the ferrimagnetic resonance in [Cr(CN) ₆][Mn(S)-pnH(H ₂ O)](H ₂ O) single crystals. <i>Physics of the Solid State</i> , 2009 , 51, 2069-2076	0.8	5

191	Spin dynamics of charge carriers in the process of their localization in $\{[\text{BEDT-TTF}]_2\text{IBr}_2\}$ single crystals. <i>Journal of Experimental and Theoretical Physics</i> , 2010 , 111, 857-864	1	5
190	Reversible and irreversible magnetic-field-induced changes in the plastic properties of NaCl crystals. <i>Physics of the Solid State</i> , 1998 , 40, 1870-1872	0.8	5
189	Synthesis and photochemical and magnetic properties of Cr, Mn, Fe, and Co complexes based on the 1- $\{[(1,3,3\text{-trimethylspiro}[2\text{H-1-benzopyran-2,2\text{-indolin-8-yl)methyl}]\text{pyridinium cation}\}$. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1451-1460	1.7	5
188	Magnetic properties of structurally organized sodium ferrophenyloxane. <i>Russian Chemical Bulletin</i> , 2008 , 57, 1630-1632	1.7	5
187	Spin solitons and waves in chiral molecular ferrimagnets. <i>Journal of Experimental and Theoretical Physics</i> , 2008 , 107, 74-82	1	5
186	Spin dynamics in oriented ferromagnetic nanowires $\text{Ge}_{0.99}\text{Co}_{0.01}$. <i>Physics of the Solid State</i> , 2008 , 50, 1103-1109	0.8	5
185	Hybrid molecular metals based on BEDO-TTF salts with paramagnetic $[\text{CrNO}(\text{CN})_5]_3$ and $[\text{M}(\text{CN})_6]_3$ anions, $\text{M}=\text{Fe}, \text{Cr}$. <i>Journal of Low Temperature Physics</i> , 2006 , 142, 137-140	1.3	5
184	Effect of a constant magnetic field on the photoconductivity of single-crystal C60. <i>Physics of the Solid State</i> , 1999 , 41, 1926-1928	0.8	5
183	The Influence of Permanent Magnetic and Alternative Electric Fields on the Dislocation Dynamics in Ionic Crystals. <i>Physica Status Solidi (B): Basic Research</i> , 1995 , 189, 75-80	1.3	5
182	Orientation Dependence of the Magnetic Moments of $\{[\text{Fe}(\text{PrDy})(\text{CoFeB})\text{Microwires}]\}$. <i>Physics of the Solid State</i> , 2020 , 62, 648-652	0.8	4
181	Effect of Co layer thickness on magnetic relaxation in Pt/Co/Ir/Co/Pt/GaAs spin valve. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 459, 33-36	2.8	4
180	Effect of samarium impurity on the relaxation of the magnetization of a $(\text{NdDy})(\text{FeCo})\text{B}$ alloy. <i>Physics of the Solid State</i> , 2016 , 58, 1582-1586	0.8	4
179	Statistic regularities of magnetization jumps in $\text{K}_{0.4}[\text{Cr}(\text{CN})_6][\text{Mn}(\text{R/S-pn})(\text{R/S-pn})\text{H}_{0.6}]$ ferrimagnet. <i>Physica Status Solidi (B): Basic Research</i> , 2016 , 253, 1222-1227	1.3	4
178	Binuclear cyano-bridged complex derived from $[\text{MnIII}(\text{salpn})]$ and $[\text{FeIII}(\text{CN})_6]$: Synthesis, structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2016 , 64, 27-30	3.1	4
177	Synthesis particularities, structure and properties of the radical cation salts $\{[\text{BEDT-TTF}]_5\text{M}(\text{SCN})_6[\text{C}_2\text{H}_5\text{OH}]\}$, $\text{M} = \text{Mn}, \text{Ni}$. <i>Synthetic Metals</i> , 2014 , 195, 75-82	3.6	4
176	Generation modes of Eu^{2+} nonequilibrium dimers and influence of a magnetic field on their reconstruction in NaCl: Eu crystals. <i>Physics of the Solid State</i> , 2011 , 53, 786-798	0.8	4
175	Magnetic properties of single crystals based on photochromic molecules of spiropyran and chromium oxalates. <i>Physics of the Solid State</i> , 2009 , 51, 1663-1670	0.8	4
174	Photomagnetic effect in molecular magnets based on nitrosyl complexes of ruthenium and rare-earth ions. <i>Physics of the Solid State</i> , 2009 , 51, 2095-2100	0.8	4

173	Influence of chirality on the electron spin resonance in molecular magnets [MnII(HL)(H2O)][MnIII(CN)6] · 2H2O with chiral ligands L. <i>Physics of the Solid State</i> , 2008 , 50, 1303-1307	0.8	4
172	Structural defects in molecular crystals based on heterospin copper complexes. <i>Physics of the Solid State</i> , 2003 , 45, 1465-1470	0.8	4
171	Sign reversal of the magnetoplastic effect in C60 single crystals during the sc-fcc phase transition. <i>Physics of the Solid State</i> , 2001 , 43, 1389-1392	0.8	4
170	Magnetization Reversal of Ferromagnetic CoFeB Films and CoFeB/Ta/CoFeB Heterostructures in the Stray Field of Fe/Fe3O4 Nanoparticles. <i>Journal of Experimental and Theoretical Physics</i> , 2020 , 131, 607-617	1	4
169	Focused magnetization in sharpened rare-earth microwires with four switchable magnetic states. <i>Materials Letters</i> , 2020 , 273, 127954	3.3	4
168	Giant effect of Sm atoms on time stability of (NdDy)(FeCo)B magnet. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3.1	4
167	Isotope-induced generation of paramagnetic defects under plastic deformation of 29Si crystals. <i>Physics of the Solid State</i> , 2015 , 57, 100-105	0.8	3
166	Magnetic properties of CoFeB alloys doped with Dy and Pr. <i>Physics of the Solid State</i> , 2015 , 57, 1134-1140	0.8	3
165	Stochastic jumps of magnetization in [Mn{(R/S)-pn}]2[Mn{(R/S)-pn}2(H2O)][Cr(CN)6]2 molecular magnet. <i>JETP Letters</i> , 2015 , 101, 398-401	1.2	3
164	Effect of the stray field of Fe/Fe3O4 nanoparticles on the surface of the CoFeB thin films. <i>Applied Surface Science</i> , 2020 , 527, 146836	6.7	3
163	Exchange Interactions in NiFe/Ta/IrMn Heterostructures under Conditions of Tantalum Deficiency. <i>Physics of the Solid State</i> , 2020 , 62, 1033-1038	0.8	3
162	Effect of Fe2O3 microbeads on CoFeB/Ta/CoFeB magnetic switching and magnetic instabilities. <i>Superlattices and Microstructures</i> , 2018 , 121, 23-32	2.8	3
161	Electron and nuclear spin dynamics in plastically deformed silicon crystals enriched in isotope 29Si. <i>Journal of Experimental and Theoretical Physics</i> , 2014 , 118, 621-629	1	3
160	Magnetomechanical effect in silicon (Cz-Si) surface layers. <i>Physics of the Solid State</i> , 2012 , 54, 1433-1439	0.8	3
159	Ferromagnetism of nanoclusters of chromium alloys and luminescence quenching in ZnSe/ZnMgSSe/ZnSSe: Cr heterostructures. <i>Physics of the Solid State</i> , 2013 , 55, 1870-1877	0.8	3
158	Study of Magnetic Behavior of Salts of Cationic Dinitrosyl Iron Complexes with Thiocarbamide and its Derivatives. <i>Applied Magnetic Resonance</i> , 2015 , 46, 1383-1393	0.8	3
157	Competing ferro- and antiferromagnetic interactions in (manganese,sodium)phenylsilsesquioxane with metal oxide fragments. <i>Russian Chemical Bulletin</i> , 2012 , 61, 200-203	1.7	3
156	Two types of charge carrier localization centers in (DOEO)4[HgBr4] · 2TCE single crystals. <i>Physics of the Solid State</i> , 2012 , 54, 2391-2394	0.8	3

155	Thermally induced paramagnetism of spiropyran salts. <i>Russian Chemical Bulletin</i> , 2011 , 60, 1387-1393	1.7	3
154	Photochromic single-molecule magnets based on oxocarboxylate Mn ₁₂ clusters and mononitrosyl Ru complexes. <i>Russian Chemical Bulletin</i> , 2011 , 60, 1078-1084	1.7	3
153	Light controlled magneto resonant softening of γ -irradiated KCl:Fe crystals. <i>Journal of Applied Physics</i> , 2010 , 108, 064907	2.5	3
152	Threshold effect of microwave power on ferromagnetic resonance in K _{0.4} [Cr(CN) ₆][Mn(S-pn)](S-pn)H _{0.6} single crystals. <i>JETP Letters</i> , 2009 , 90, 36-41	1.2	3
151	Ordered nanowires of photochromic compounds based on spiropyran and transition metal complexes. <i>Nanotechnologies in Russia</i> , 2009 , 4, 828-833	0.6	3
150	ESR Spectra of Charge Carriers in the α and β Phases of (BEDT-TTF) ₂ I ₂ Br ₂ Single Crystals. <i>Solid State Phenomena</i> , 2012 , 190, 615-618	0.4	3
149	The influence of β -layer's magnetization on polarization of photoluminescence of quantum well in singular and vicinal InGaAs/GaAs/ β -heterostructures. <i>Journal of Physics: Conference Series</i> , 2012 , 345, 012014	0.3	3
148	Charge order-disorder phase transition detected by EPR in β -(BEDT-TTF) ₂ I ₂ Br ₂ . <i>Physica B: Condensed Matter</i> , 2010 , 405, S138-S140	2.8	3
147	In situ investigation of the effect of a magnetic field on the mobility of dislocations in deformed KCl:Ca single crystals. <i>Physics of the Solid State</i> , 1997 , 39, 550-553	0.8	3
146	The effect of magnetic and electric fields on the state of point defects in single-crystal NaCl. <i>Physics of the Solid State</i> , 1998 , 40, 1981-1984	0.8	3
145	Photochemical magnetism of crystalline 2,4,6-triazido-3,5-dichloropyridine. <i>High Energy Chemistry</i> , 2007 , 41, 33-36	0.9	3
144	Structure and photochromic and magnetic properties of 1-isopropyl-3,3,5,6-tetramethylspiro[indoline-2,2'-2H-pyrano[3,2-b]pyridinium] tris(oxalato)chromate(III). <i>Russian Chemical Bulletin</i> , 2008 , 57, 2592-2599	1.7	3
143	The influence of a static magnetic field up to 15 T on the manifestation of the Portevin-Le Chatelier effect in NaCl: Eu crystals. <i>Physics of the Solid State</i> , 2005 , 47, 1282	0.8	3
142	Magneto sensitive intermediate states of point-defect complexes formed as a result of quenching of NaCl: Eu single crystals. <i>Physics of the Solid State</i> , 2001 , 43, 1700-1702	0.8	3
141	Increase in the coercivity of an ensemble of (DyPr) ₂ (CoFe) ₂ B microparticles during their dispersion in a polymer matrix. <i>Physics of the Solid State</i> , 2016 , 58, 1314-1319	0.8	3
140	Synthesis, crystal molecular structure, and magnetic characteristics of coordination polymers formed by Co(II) diketonates with pentaheterocyclic triphenodioxazines. <i>New Journal of Chemistry</i> , 2021 , 45, 304-313	3.6	3
139	Analysis of Distribution of the Surface Magnetic-Field Gradient in (PrDy) ₂ (FeCo) ₂ B Rare-Earth Magnets. <i>Journal of Surface Investigation</i> , 2018 , 12, 939-943	0.5	3
138	Effect of stoichiometry of Fe and Co on the temperature stability of the magnetic anisotropy in Pr-Dy-Fe-Co-B alloys. <i>Physics of the Solid State</i> , 2015 , 57, 1362-1365	0.8	2

137	Effect of copper concentration on atomic site occupation by Fe ions and magnetic properties of (PrDy) _{1-x} (FeCo) _x B alloys. <i>Physics of the Solid State</i> , 2016 , 58, 1135-1142	0.8	2
136	Kinetics of oxidation of subsurface layers of ²⁹ Si-enriched silicon in a magnetic field. <i>Physics of the Solid State</i> , 2014 , 56, 1443-1448	0.8	2
135	Effect of temperature conditions of ion implantation on percolation ferromagnetism in Ge _{0.98} Mn _{0.02} thin films. <i>Physics of the Solid State</i> , 2012 , 54, 1370-1373	0.8	2
134	Nonadiabatic spin-dependent transitions in iron clusters as a possible cause of the magnetoplastic effect in NaCl : Fe. <i>Physics of the Solid State</i> , 2013 , 55, 1446-1449	0.8	2
133	Influence of dehydration on the electron spin resonance in the Cu ₃ [W(CN) ₈] ₂ (Pyrimidine) ₂ · 8H ₂ O molecular magnet. <i>Physics of the Solid State</i> , 2013 , 55, 990-994	0.8	2
132	Ferromagnetic resonance of CoFeB/Ta/CoFeB spin valves versus CoFeB film. <i>Thin Solid Films</i> , 2017 , 640, 8-13	2.2	2
131	Anomalous magnetization dynamics near the spin-reorientation transition temperature in $\text{In}_{0.24}\text{Fe}_{1.76}\text{O}_3$ nanowires. <i>Low Temperature Physics</i> , 2015 , 41, 20-24	0.7	2
130	Epsilon-phase iron(III) oxide nanowires for a magnetic-resonance spin-current source. <i>Journal of Surface Investigation</i> , 2015 , 9, 442-445	0.5	2
129	Spin Filtering on the MnSb Cluster Interface in GaSbMn Thin Films. <i>Solid State Phenomena</i> , 2015 , 233-234, 643-647	0.4	2
128	Competition of Peierls relief and structural defects in the damping of domain walls in [Mn{(R/S)-pn}] ₂ [Mn{(R/S)-pn}·2(H ₂ O)][Cr(CN) ₆] ₂ ferrimagnet. <i>Low Temperature Physics</i> , 2015 , 41, 29-33	0.7	2
127	Nano- and heterostructures of magnetic semiconductors for spintronics. <i>Russian Chemical Bulletin</i> , 2011 , 60, 1051-1057	1.7	2
126	Low-temperature phase transition in $\text{K}(\text{BEDT-TTF})_2\text{IBr}_2$ single crystals detected by the ESR method. <i>Physics of the Solid State</i> , 2011 , 53, 1269-1273	0.8	2
125	Spin-orbit interaction of charge carriers with impurities in aligned Ge _{0.99} Me _{0.01} (Me = Mn, Cr, Co, Fe) nanowires. <i>Semiconductors</i> , 2009 , 43, 896-900	0.7	2
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113	Spin Reorientation Transition in β -Fe Microwires with an Amorphous PrDyCoFeB Shell. <i>Physics of the Solid State</i> , 2020 , 62, 1333-1337	0.8	2
112	Coercitivity of (PrDy)(CoFe)B Microparticles Ensemble Controlled by Magnetic Dipole Interaction and Dry Friction. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-12	2	2
111	Competition of magnetization mechanisms in (NdDy)(FeCo)B alloys, doped with samarium. <i>Low Temperature Physics</i> , 2016 , 42, 45-49	0.7	2
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109	Softening of the Al-Mg-Si-Fe alloy under magnetostriction of FeAl microinclusions. <i>Journal of Applied Physics</i> , 2019 , 125, 023903	2.5	1
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