

Henryk Szymczak

List of Publications by Year in descending order

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460
papers

6,949
citations

71102

41
h-index

110387

64
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470
all docs

470
docs citations

470
times ranked

4133
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Transitions in the $\text{Gd}_{0.5}\text{Ba}_{0.5}\text{CoO}_3$ Perovskite. <i>Physical Review Letters</i> , 1998, 80, 3380-3383.	7.8	184
2	Magnetic and electrical properties of $\text{La}_{1-x}\text{Ba}_x\text{Mn}_2\text{O}_6$ ($\text{L}=\text{Pr}, \text{Nd}, \text{Sm}, \text{Eu}, \text{Gd}, \text{Tb}$) manganites. <i>Physical Review B</i> , 2002, 66, .	3.2	155
3	Magnetocaloric effect in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ for $x=0.13$ and 0.16 . <i>Applied Physics Letters</i> , 2000, 77, 1026.	3.3	149
4	Magnetic state of the structural separated anion-deficient $\text{La}_{0.70}\text{Sr}_{0.30}\text{MnO}_{2.85}$ manganite. <i>Journal of Experimental and Theoretical Physics</i> , 2011, 113, 819-825.	0.9	139
5	Critical behavior of $\text{La}_{0.825}\text{Sr}_{0.175}\text{MnO}_{2.912}$ anion-deficient manganite in the magnetic phase transition region. <i>JETP Letters</i> , 2007, 85, 507-512.	1.4	119
6	Magnetic and electrical transport properties of orthocobaltites $\text{R}_{0.5}\text{Ba}_{0.5}\text{CoO}_3$ ($\text{R}=\text{La}, \text{Pr}, \text{Nd}, \text{Sm}, \text{Eu}, \text{Gd}, \text{Tb}, \text{Dy}$). <i>Physical Review B</i> , 1998, 58, 2418-2421.	3.2	118
7	Effect of the size factor on the magnetic properties of manganite $\text{La}_{0.50}\text{Ba}_{0.50}\text{MnO}_3$. <i>Physics of the Solid State</i> , 2008, 50, 886-893.	0.6	111
8	Frustrated exchange interactions formation at low temperatures and high hydrostatic pressures in $\text{La}_{0.70}\text{Sr}_{0.30}\text{MnO}_{2.85}$. <i>Journal of Experimental and Theoretical Physics</i> , 2010, 111, 209-214.	0.9	107
9	Magnetic properties of anion deficit manganites $\text{Ln}_{0.55}\text{Ba}_{0.45}\text{MnO}_3$ ($\text{Ln}=\text{La}, \text{Nd}, \text{Sm}, \text{Gd}$, Pr 1/20.37). <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 208, 217-220.	2.3	101
10	Influence of oxygen vacancies on the magnetic and electrical properties of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_{3-x/2}$ manganites. <i>European Physical Journal B</i> , 2004, 42, 51-61.	1.5	101
11	Evolution of magnetic state in the $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x=0.30, 0.50$) manganites depending on the oxygen content. <i>Journal of Solid State Chemistry</i> , 2002, 169, 85-95.	2.9	96
12	Comparative study of the magnetic and electrical properties of $\text{Pr}_{1-x}\text{Ba}_x\text{MnO}_3$ manganites depending on the preparation conditions. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 237, 276-282.	2.3	95
13	Magnetotransport Properties and Mechanism of the A-Site Ordering in the $\text{Nd}_{1-x}\text{Ba}_x$ Optimal-Doped Manganites. <i>Journal of Low Temperature Physics</i> , 2007, 149, 185-199.	1.4	95
14	Thermal stability of A-site ordered $\text{PrBaMn}_2\text{O}_6$ manganites. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 675-681.	4.0	94
15	The influence of oxygen deficiency on the magnetic and electric properties of $\text{La}_{0.70}\text{Ba}_{0.30}\text{MnO}_3$ (O 1/3 0.30) manganite with a perovskite structure. <i>Journal of Experimental and Theoretical Physics</i> , 2002, 95, 308-315.	0.9	91
16	Effect of magnetic fields on magnetic phase separation in anion-deficient manganite $\text{La}_{0.70}\text{Sr}_{0.30}\text{MnO}_{2.85}$. <i>Low Temperature Physics</i> , 2011, 37, 465-469.	0.6	91
17	Magnetic properties of $\text{La}_{0.70}\text{Sr}_{0.30}\text{MnO}_{2.85}$ anion-deficient manganite under hydrostatic pressure. <i>JETP Letters</i> , 2006, 83, 33-36.	1.4	88
18	Study of A-site ordered $\text{PrBaMn}_2\text{O}_6$ manganite properties depending on the treatment conditions. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 6495-6506.	1.8	81

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19	Synthesis and structure of nanocrystalline La _{0.50} Ba _{0.50} MnO ₃ . Crystallography Reports, 2008, 53, 1177-1180.	0.6	79
20	Anisotropic magnetic, magnetoresistance, and electrotransport properties of GdBaCo ₂ O _{5.5} single crystals. Physical Review B, 2003, 67, .	3.2	77
21	Magnetic phase diagrams of the manganites Ln _{1-x} Ba _x MnO ₃ (Ln = Nd, Sm). Journal of Physics Condensed Matter, 1999, 11, 8707-8717.	1.8	74
22	Magnetic and magnetotransport properties of Co-doped manganites with perovskite structure. Journal of Magnetism and Magnetic Materials, 2000, 210, 63-72.	2.3	74
23	Effect of oxygen content on the magnetic and transport properties of Pr _{0.5} Ba _{0.5} MnO _{3-δ} . Journal of Physics Condensed Matter, 2000, 12, L155-L158.	1.8	73
24	Finite-element modelling of magnetostrictive bending of a coated cantilever. Applied Physics Letters, 1997, 70, 2607-2609.	3.3	70
25	Phase separation and size effects in Pr _{0.70} Ba _{0.30} MnO _{3+δ} perovskite manganites. Journal of Physics Condensed Matter, 2007, 19, 266214.	1.8	70
26	Magnetic phase transitions in the anion-deficient La _{1-x} Ba _x MnO _{3-δ} (0 \leq δ \leq 0.50) manganites. Journal of Physics Condensed Matter, 2003, 15, 1783-1795.	1.8	69
27	Magnetic properties of anion-deficient La _{1-x} Ba _x MnO _{3-δ} (0 \leq δ \leq 0.30) manganites. Journal of Experimental and Theoretical Physics, 2003, 96, 110-117.	0.9	68
28	Negative magnetization in La _{0.75} Nd _{0.25} CrO ₃ perovskite. Journal of Materials Science, 2008, 43, 5662-5665.	3.7	65
29	Magnetic Properties of Perovskite Manganites and Their Modifications. Handbook of Magnetic Materials, 2014, 22, 1-201.	0.6	59
30	Pressure-tuned spin state and ferromagnetism in La _{1-x} M _x CoO ₃ (M=Ca, Sr). Physical Review B, 2005, 71, .	3.2	57
31	Magnetic field-induced transitions in geometrically frustrated Co ₃ V ₂ O ₈ single crystal. Physical Review B, 2006, 73, .	3.2	55
32	Influence of the real shape of a sample on the pinning induced magnetostriction. Journal of Applied Physics, 1998, 84, 3770-3775.	2.5	53
33	Magnetic, resonance and transport properties of nanopowder of La _{0.7} Sr _{0.3} MnO ₃ manganites. Journal of Magnetism and Magnetic Materials, 2010, 322, 3072-3079.	2.3	52
34	Magnetic interaction in Mg, Ti, Nb doped manganites. European Physical Journal B, 2002, 28, 75-80.	1.5	51
35	Competition of Superconductivity and Charge Density Waves in Cuprates: Recent Evidence and Interpretation. Advances in Condensed Matter Physics, 2010, 2010, 1-40.	1.1	51
36	Magnetic ordering in La _{1-x} Sr _x MnO _{3-δ} anion-deficient manganites. Journal of Experimental and Theoretical Physics, 2004, 99, 756-765.	0.9	49

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37	Magnetocaloric effect in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ for $x=0.3, 0.35, \text{ and } 0.4$. Journal of Materials Science, 2008, 43, 1734-1739.	3.7	47
38	Magnetic phase diagrams of the $\text{Ln}(\text{Mn}_{1-x}\text{Co}_x)\text{O}_3$ ($\text{Ln}=\text{Eu}, \text{Nd}, \text{Sm}$) systems. Journal of Applied Physics, 2000, 88, 360-367.	2.5	45
39	Microstructure evolution and magnetoresistance of the A-site ordered Ba-doped manganites. Semiconductors, 2007, 41, 507-511.	0.5	44
40	Light induced charge transfer processes in Cr doped $\text{Bi}_{12}\text{GeO}_{20}$ and $\text{Bi}_{12}\text{SiO}_{20}$ single crystals. Journal of Physics and Chemistry of Solids, 1982, 43, 767-769.	4.0	42
41	Magnetic phase transitions in the system $\text{La}_{1-x}\text{Bi}_x\text{MnO}_3$. Low Temperature Physics, 2002, 28, 569-573.	0.6	41
42	Flux Jumps and H-T Diagram of Instability for MgB_2 . Journal of Low Temperature Physics, 2003, 130, 175-191.	1.4	41
43	Cation ordering and magnetic properties of neodymium-barium manganites. Technical Physics, 2008, 53, 49-54.	0.7	41
44	Spin-reorientational transitions in low-doped $\text{Nd}_{1-x}\text{Ca}_x\text{MnO}_3$ manganites: the evidence of an inhomogeneous magnetic state. Journal of Physics Condensed Matter, 2003, 15, 8865-8880.	1.8	37
45	Giant magnetostriction and magnetostriction jumps in superconducting single crystalline. Superconductor Science and Technology, 1997, 10, 786-793.	3.5	36
46	From almost zero magnetostriction to giant magnetostrictive effects: recent results. Journal of Magnetism and Magnetic Materials, 1999, 200, 425-438.	2.3	36
47	Synthesis and characterization of $\text{Ln}(\text{B}_{0.5}\text{Mn}_{0.5})\text{O}_3$ (Ln -lanthanoid; $\text{B} = \text{Ni}, \text{Co}$) perovskites. Materials Research Bulletin, 1997, 32, 67-74.	5.2	35
48	Antiferromagnet-ferromagnet and structural phase transitions in $\text{La}_{0.88}\text{MnO}_x$ manganites. Physical Review B, 2004, 69, .	3.2	35
49	Modification of Polymer-Magnetic Nanoparticles by Luminescent and Conducting Substances. Molecular Crystals and Liquid Crystals, 2014, 590, 35-42.	0.9	35
50	Thermodynamics of superconductors with charge-density waves. Journal of Physics Condensed Matter, 2003, 15, 2745-2753.	1.8	34
51	Phase separation in $\text{La}_{2-x}\text{A}_x\text{CoMnO}_6$ ($\text{A}=\text{Ca}$ and Sr) perovskites. Journal of Experimental and Theoretical Physics, 2004, 99, 363-369.	0.9	34
52	Magnetic properties of the nonstoichiometric Sr-doped manganites. Physica Status Solidi (B): Basic Research, 2005, 242, 1123-1131.	1.5	34
53	Evolution of ferromagnetic order in $\text{LaMnO}_{3.05}$ single crystals: Common origin of both pressure and self-doping effects. Physical Review B, 2003, 68, .	3.2	31
54	Structural and magnetic properties of $\text{La}_{1-x}\text{Pr}_x\text{MnO}_3$ ($0 \leq x \leq 1.0$). Physical Review B, 2006, 74, .	3.2	30

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55	Magnetic and crystal structure phase transitions in $R_{1-x}Ba_xCoO_{3-y}$ (R = Nd, Gd). Journal of Physics Condensed Matter, 2000, 12, 2485-2493.	1.8	29
56	Effect of Coulomb blockade on the low- and high-temperature resistance of $La_{1-x}M_xMnO_3$ (M= Sr, Ca) films. Physical Review B, 2006, 74, .	3.2	29
57	Magneto-thermal instabilities in type II superconductors: The influence of magnetic irreversibility. Journal of Applied Physics, 2000, 88, 5875-5883.	2.5	28
58	Influence of structure defects on functional properties of magnetoresistance ($Nd_{0.7}Sr_{0.3}$) $_{1-x}Mn_{1+x}O_3$ ceramics. Acta Materialia, 2014, 70, 218-227.	7.9	28
59	Mechanism of stress dependence of saturation magnetostriction in amorphous alloys. Journal of Magnetism and Magnetic Materials, 1987, 67, 227-231.	2.3	27
60	Magnetic and structural phase transitions in some orthocobaltites doped by Ba or Sr ions. Journal of Physics Condensed Matter, 1998, 10, 6381-6389.	1.8	27
61	Magnetic and resonance properties of $LiCu_2O_2$ single crystals. Journal of Experimental and Theoretical Physics, 1998, 86, 1020-1025.	0.9	27
62	Temperature-dependent pseudogap-like features in tunnel spectra of high- T_c cuprates as a manifestation of charge-density waves. Journal of Physics Condensed Matter, 2008, 20, 425218.	1.8	27
63	Dipolar mechanism for magnetostriction in amorphous ferrimagnetic alloys. IEEE Transactions on Magnetics, 1978, 14, 847-848.	2.1	26
64	Phase transitions in $La_{1-x}Ca_xMnO_{3-x/2}$ manganites. Journal of Experimental and Theoretical Physics, 2001, 93, 161-167.	0.9	26
65	Canted spin structure in clusters of the $(La_{0.7}Ca_{0.3})_{1-x}Mn_{1+x}O_3$ perovskites. Journal of Magnetism and Magnetic Materials, 2002, 246, 40-53.	2.3	25
66	Transport properties of bulk and thin-film MgB_2 superconductors: effects of preparation conditions. Physica C: Superconductivity and Its Applications, 2004, 402, 325-334.	1.2	25
67	Ferromagnetic state of $La_{1-x}M_xMnO_3$ display="inline">< mml:mrow>< mml:msub>< mml:mrow />< mml:mrow>< mml:mn>1</mml:mn>< mml:mo>â</mml:mo>< mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>	3.2	25
68	High temperature magnetic order in zinc sulfide doped with copper. Journal of Physics and Chemistry of Solids, 2011, 72, 648-652.	4.0	25
69	The Phonon-Induced Temperature Dependences of Spin-Hamiltonian Parameters for S ²⁺ State Ions. Physica Status Solidi (B): Basic Research, 1976, 74, 225-233.	1.5	23
70	Light-induced charge transfer processes in Mn-doped $Bi_{12}GeO_{20}$ and $Bi_{12}SiO_{20}$ single crystals. Journal of Physics and Chemistry of Solids, 1985, 46, 1117-1129.	4.0	23
71	Magnetic interactions and phase transitions in the Co- and Ni-doped manganites. Journal of Magnetism and Magnetic Materials, 1997, 168, 309-315.	2.3	23
72	Magnetic and Transport Properties of $EuMnO_{3+x}$ Substituted by Ca, Sr and Cr Ions. Physica Status Solidi A, 1997, 160, 195-203.	1.7	23

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73	Effect of the oxygen nonstoichiometry on the structure and magnetic properties of Nd ₂ CoMnO ₆ + δ double perovskites. Physica Status Solidi (B): Basic Research, 2007, 244, 3367-3376.	1.5	23
74	Surface magnetoelastic behavior of magnetic multilayers (invited). Journal of Applied Physics, 1997, 81, 5411-5415.	2.5	22
75	Growth and Properties of Potassium Holmium Double Tungstate KHo(WO ₄) ₂ . Crystal Research and Technology, 2001, 36, 283-287.	1.3	22
76	Quasi-one-dimensional S = 1/2 magnet Pb[Cu(SO ₄)(OH) ₂]: frustration due to competing in-chain exchange. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 220-224.	0.8	22
77	Magnetocaloric effect in Fe-Cr-Cu-Nb-Si-B amorphous materials. Journal of Alloys and Compounds, 2009, 479, 71-73.	5.5	22
78	Cooling by adiabatic pressure application in La _{0.7} Ca _{0.3} MnO ₃ magnetocaloric effect material. Journal of Magnetism and Magnetic Materials, 2010, 322, 1589-1591.	2.3	22
79	Interface magnetoelectric effect in elastically linked Co/PZT/Co layered structures. Journal of Magnetism and Magnetic Materials, 2019, 485, 291-296.	2.3	22
80	Electron paramagnetic resonance spectra of Er ³⁺ in the monoclinic KY(WO ₄) ₂ crystal. Journal of Physics Condensed Matter, 2003, 15, 5113-5120.	1.8	21
81	Magnetic phase transitions in TbBaCo ₂ O _{5.5} single crystals. Journal of Physics Condensed Matter, 2003, 15, 8853-8863.	1.8	21
82	Metamagnetic behaviour in TbCo _{0.5} Mn _{0.5} O _{3.06} perovskite. Journal of Physics Condensed Matter, 2006, 18, 9541-9548.	1.8	21
83	Analysis of the pseudogap-related structure in tunneling spectra of superconducting $\text{Bi}_2\text{Sr}_2\text{CuO}_{8-x}$ by Physical Review B, 2007, 76, ...		
84	EPR spectra of Cr ³⁺ ion in the Van Vleck paramagnet EuAl ₃ (BO ₃) ₄ . Physica Status Solidi (B): Basic Research, 2013, 250, 1331-1338.	1.5	21
85	Phase transition in perovskites. Journal of Physics Condensed Matter, 1998, 10, 7957-7966.	1.8	20
86	Temperature-induced change in the ESR spectrum of the Fe ³⁺ ion in polyaniline. Low Temperature Physics, 2000, 26, 265-269.	0.6	20
87	Magnetic structure of TbBaCo ₂ O _{5.4} perovskite. Journal of Materials Research, 2002, 17, 838-843.	2.6	20
88	Magnetic properties of La ^{1-x} CaxCoO ₃ single crystals. Journal of Magnetism and Magnetic Materials, 2005, 285, 386-394.	2.3	20
89	Crystalline and magnetic structures of La ^{1-x} BixMnO ₃ + δ manganites. Journal of Experimental and Theoretical Physics, 2006, 103, 54-59.	0.9	20
90	Magnetic properties and magnetocaloric effect in La _{0.7} Sr _{0.3} ^{1-x} BixMnO ₃ manganites. Journal of Alloys and Compounds, 2015, 640, 433-439.	5.5	20

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91	Surface Magnetostriction. Acta Physica Polonica A, 1993, 83, 651-659.	0.5	20
92	The center of orthorhombic symmetry in chromium doped Bi ₁₂ GeO ₂₀ and Bi ₁₂ SiO ₂₀ single crystals. Journal of Physics and Chemistry of Solids, 1984, 45, 887-896.	4.0	19
93	Magnetostriction of multilayer Ni-C films. IEEE Transactions on Magnetics, 1987, 23, 3699-3700.	2.1	19
94	Domain wall energy in Nd ₂ (Fe,Co,Al) ₁₄ B alloys. IEEE Transactions on Magnetics, 1987, 23, 2536-2538.	2.1	19
95	Crystal structure and EPR of the RbNd(WO ₄) ₂ single crystal. Physica B: Condensed Matter, 2006, 371, 205-209.	2.7	19
96	Giant Magnetocaloric Effect in Manganites. Acta Physica Polonica A, 2010, 117, 203-206.	0.5	19
97	Jahn-Teller type structural transition in KDy(WO ₄) ₂ . Solid State Communications, 1997, 102, 627-630.	1.9	18
98	Temperature variation of the EPR spectra of Dy ³⁺ in single crystal KY(WO ₄) ₂ . Physical Review B, 2000, 62, 5834-5838.	3.2	18
99	Magnetic phase transitions in the lightly doped Nd _{1-x} Ca _x MnO ₃ manganites. Journal of Magnetism and Magnetic Materials, 2005, 288, 224-235.	2.3	18
100	d-Wave Superconductivity and s-Wave Charge Density Waves: Coexistence between Order Parameters of Different Origin and Symmetry. Symmetry, 2011, 3, 699-749.	2.2	18
101	The phase diagram for coexisting d-wave superconductivity and charge-density waves: cuprates and beyond. Journal of Physics Condensed Matter, 2011, 23, 385701.	1.8	18
102	Metamagnetism in perovskites RMnO _{3+x} (R=Gd, Tb, Dy). Low Temperature Physics, 1997, 23, 300-302.	0.6	17
103	Magnetic phase diagram of the system of manganites Nd _{0.6} Ca _{0.4} (Mn _{1-x} Cr _x)O ₃ . Low Temperature Physics, 2002, 28, 45-48.	0.6	17
104	Spin-spin interaction of Dy ³⁺ ions in KY(WO ₄) ₂ . Physics of the Solid State, 2002, 44, 1587-1596.	0.6	17
105	Effect of cluster structure on the transition from spin-dependent tunneling to percolation mechanism of conductivity in LaSr(Ca)MnO thin films. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 332, 275-285.	2.1	17
106	Magnetic anisotropy in detwinned Tb _{0.9} Dy _{0.1} BaCo ₂ O _{5.5} single crystal. Journal of Physics Condensed Matter, 2005, 17, 5613-5624.	1.8	17
107	Magnetic properties of Nd-deficient manganites Nd _{0.9-x} Ca _x MnO. Journal of Magnetism and Magnetic Materials, 2006, 303, 111-118.	2.3	17
108	Magnetic structure of the manganites heavily doped by Fe and Cr ions. Journal of Magnetism and Magnetic Materials, 2007, 312, 470-475.	2.3	17

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109	Spin waves in the ferromagnetic ground state of the kagome staircase system $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Co} \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mn} \rangle 7 \langle \text{mml:mn} \rangle 7$ Physical Review B, 2009, 79, .	3.2	17
110	Temperature and pressure dependences of EPR spectra of Gd ³⁺ ion doped in the EuAl ₃ (BO ₃) ₄ monocrystal. Journal of Magnetism and Magnetic Materials, 2011, 323, 1546-1550.	2.3	17
111	Image forces for a point-like dipole near a plane metal surface: An account of the spatial dispersion of dielectric permittivity. Surface Science, 2012, 606, 510-515.	1.9	17
112	Comparison of magnetocaloric properties of the Mn _{2-2x} Fe _x P _{0.5} As _{0.5} (x = 1.0 and 0.7) compounds. Solid State Sciences, 2014, 36, 29-34.	3.2	17
113	Magnetocaloric effect in Ni ₂ MnGa single crystal in the vicinity of the martensitic phase transition. Journal of Magnetism and Magnetic Materials, 2017, 430, 16-21.	2.3	17
114	Rotational invariance and the phonon-induced contributions to spin-Hamiltonian parameters for orbital singlet ions. Zeitschrift für Physik B Condensed Matter and Quanta, 1977, 28, 67-71.	1.9	16
115	On the origin of the perpendicular anisotropy and magnetostriction in amorphous RF sputtered Gd _{1-x} Co films. Physica Status Solidi A, 1981, 63, 103-108.	1.7	16
116	Effect of roughness on the surface anisotropy and magnetostriction of magnetic multilayers. Journal of Magnetism and Magnetic Materials, 1995, 139, 151-156.	2.3	16
117	ESR-study of the low-temperature phase transition in KDy(WO ₄) ₂ . Physica B: Condensed Matter, 1997, 240, 21-25.	2.7	16
118	Magnetic Ordering of Dy ³⁺ Ions in RbDy(WO ₄) ₂ Single Crystal. Journal of Low Temperature Physics, 1998, 110, 1003-1011.	1.4	16
119	H ₂ T phase diagram for the giant magnetic flux jumps in low temperature superconductors and high temperature superconductors. Journal of Applied Physics, 1998, 83, 7324-7326.	2.5	16
120	Effect of substitution of Mn by Cr on the ⁵⁵ Mn NMR and magnetoresistance in La _{0.6} Sr _{0.2} Mn _{1.2-2x} Cr _x O ₃ (0 ≤ x ≤ 0.2). Journal of Magnetism and Magnetic Materials, 2000, 220, 52-58.	2.3	16
121	Ferromagnetic resonance in (La _{0.7} Ca _{0.3}) _{1-x} Mn _{1+x} O ₃ films. Journal of Applied Physics, 2003, 93, 2100-2106.	2.5	16
122	Internal stress influence on FMR in amorphous glass-coated microwires. Journal of Magnetism and Magnetic Materials, 2007, 316, e890-e892.	2.3	16
123	Phase transitions in TbMnO ₃ manganites. Low Temperature Physics, 2012, 38, 216-220.	0.6	16
124	EPR of Nd ³⁺ and Er ³⁺ ions in aluminum borates YAl ₃ (BO ₃) ₄ and EuAl ₃ (BO ₃) ₄ . Journal of Magnetism and Magnetic Materials, 2013, 326, 162-165.	2.3	16
125	Thin film's magnetostriction investigated by strain modulated ferromagnetic resonance at low temperature. Measurement Science and Technology, 2014, 25, 075502.	2.6	16
126	Structure, phase transitions, ⁵⁵ Mn NMR, magnetic and magnetotransport properties of the magnetoresistance La _{0.9-3x} Ag _x Mn _{1.1} O ₃ ceramics. Journal of Alloys and Compounds, 2017, 709, 779-788.	5.5	16

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127	Preparation and investigation of the magnetoelectric properties in layered cermet structures. <i>Ceramics International</i> , 2019, 45, 13030-13036.	4.8	16
128	Dipolar mechanism for surface magnetoelastic coupling in ultrathin ferromagnetic films. <i>IEEE Transactions on Magnetics</i> , 1993, 29, 3132-3134.	2.1	15
129	Pinning induced magnetostriction in ceramic high temperature superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 321, 49-58.	1.2	15
130	Effect of oxygen content on the magnetic state of $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ perovskites. <i>JETP Letters</i> , 1999, 70, 590-594.	1.4	15
131	A new high-T C ferromagnet: Manganese-doped CdGeAs_2 chalcopyrite. <i>Technical Physics Letters</i> , 2004, 30, 924-926.	0.7	15
132	Absorption and luminescence spectra of $\text{KHo}(\text{WO}_4)_2$ and $\text{KEr}(\text{WO}_4)_2$ single crystals. <i>Journal of Applied Spectroscopy</i> , 2004, 71, 888-892.	0.7	15
133	Comparison of EPR spectra of the Gd^{3+} ion doped $\text{YAl}_3(\text{BO}_3)_4$, $\text{EuAl}_3(\text{BO}_3)_4$, and $\text{TmAl}_3(\text{BO}_3)_4$ single crystals. <i>Physica Status Solidi (B) Basic Research</i> , 2014, 251, 201-205.	1.5	15
134	The role of structural and magnetic inhomogeneities in the formation of magneto-transport properties of the $\text{La}_{0.6}\text{Sm}_{0.3}\text{Sr}_{0.1}\text{MnO}_3$ ceramics. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 416, 457-465.	2.3	15
135	Structural, magnetic, and magnetocaloric properties of Fe_7Se_8 single crystals. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	15
136	A-site ordered state in manganites with perovskite-like structure based on optimally doped compounds $\text{Ln}_{0.7}\text{Ba}_{0.3}\text{MnO}_3$ ($\text{Ln} = \text{Pr}, \text{Nd}$). <i>Journal of Rare Earths</i> , 2019, 37, 1242-1249.	4.8	15
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