

# 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  
g-index

470  
all docs

470  
docs citations

470  
times ranked

4133  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined pressure and magnetic-field induced caloric effects in Fe <sub>7</sub> Se <sub>8</sub> single crystals. Journal of Magnetism and Magnetic Materials, 2022, 543, 168626.	2.3	4
2	Charge-charge interaction in three-layer systems: Classical approach. Physical Review B, 2022, 105, .	3.2	0
3	Quantum versus classical nature of the low-temperature magnetic phase transition in TbAl <sub>2</sub> Mn <sub>2</sub> . Physical Review B, 2022, 105, .	3.23	1
4	Magnetoelastic interactions and magnetic damping in Co <sub>2</sub> Fe <sub>0.4</sub> Mn <sub>0.6</sub> Si and Co <sub>2</sub> FeGa <sub>0.5</sub> Ge <sub>0.5</sub> Heusler alloys thin films for spintronic applications. Scientific Reports, 2021, 11, 7608.	3.3	14
5	Two-Stage Growth of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Clusters in Magnetron Plasma under Modulation of Particle Flow by Ion-Acoustic Wave and Its Deposition on Glass. Physics of the Solid State, 2021, 63, 603-620.	0.6	1
6	Electric dipole image forces in three-layer systems: The classical electrostatic model. Journal of Chemical Physics, 2020, 152, 094705.	3.0	4
7	Break-junction tunneling spectra of Bi <sub>2</sub> 212 superconducting ceramics: Influence of inhomogeneous <i>d</i> -wave-Cooper-pairing and charge-density-wave order parameters. Low Temperature Physics, 2020, 46, 400-413.	0.6	4
8	Non-Coulombic behavior of electrostatic charge-charge interaction in three-layer heterostructures. Journal of Electrostatics, 2019, 102, 103377.	1.9	3
9	Effect of Ion (Ar <sup>+</sup> ) Irradiation on Cluster Magnetism and Magnetic Interactions in Fe <sub>67</sub> Cr <sub>18</sub> B <sub>15</sub> Amorphous Alloy. Physics of the Solid State, 2019, 61, 1727-1735.	0.6	1
10	A-site ordered state in manganites with perovskite-like structure based on optimally doped compounds Ln <sub>0.70</sub> Ba <sub>0.30</sub> MnO <sub>3</sub> (Ln = Pr, Nd). Journal of Rare Earths, 2019, 37, 1242-1249.	4.8	15
11	Magnetic moment inversion at giant flux jump: dynamical property of critical state in type-II superconductors. Scientific Reports, 2019, 9, 6233.	3.3	3
12	Interface magnetoelectric effect in elastically linked Co/PZT/Co layered structures. Journal of Magnetism and Magnetic Materials, 2019, 485, 291-296.	2.3	22
13	Preparation and investigation of the magnetoelectric properties in layered cermet structures. Ceramics International, 2019, 45, 13030-13036.	4.8	16
14	Relevant crystal field interaction in the magnetically ordered state. Journal of Magnetism and Magnetic Materials, 2019, 474, 254-268.	2.3	5
15	Relation of Giant Thermo-EMF, Magnetothermo-EMF, Magnetoresistance, and Magnetization to Magnetic Impurity States in Manganites Nd(1-x)Sr <sub>x</sub> MnO <sub>3</sub> and Sm(1-x)Sr <sub>x</sub> MnO <sub>3</sub> . Technical Physics, 2018, 63, 220-225.	0.7	2
16	Magnetocaloric effect and magnetoelastic properties of NiMnGa and NiMnSn Heusler alloy thin films. Journal of Alloys and Compounds, 2018, 748, 1-5.	5.5	13
17	Structural, magnetic, and magnetocaloric properties of Fe <sub>7</sub> Se <sub>8</sub> single crystals. Journal of Applied Physics, 2018, 124, .	2.5	15
18	Connection of thermopower, magnetothermopower with resistivity and magnetoresistance in manganites with Nd and Sm. EPJ Web of Conferences, 2018, 185, 06014.	0.3	3

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19	Influence of Ti atoms on the magnetic order in quaternary NiMnGe:Ti compounds. <i>Phase Transitions</i> , 2018, 91, 1107-1121.	1.3	5
20	Role of the Cluster Structure of Amorphous Fe <sub>67</sub> Cr <sub>18</sub> B <sub>15</sub> Alloy in Magnetism and in the Changing of Electron Scattering Mechanisms under the Influence of Ion (Ar <sup>+</sup> ) Irradiation. <i>Journal of Experimental and Theoretical Physics</i> , 2018, 126, 784-801.	0.9	2
21	Influence of replacement of Mn by Cr on magnetocaloric properties of quenched NiMn <sub>1-x</sub> Cr <sub>x</sub> Ge alloys. <i>Low Temperature Physics</i> , 2018, 44, 775-779.	0.6	6
22	Magnetocaloric effect in Ni <sub>2</sub> MnGa single crystal in the vicinity of the martensitic phase transition. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 430, 16-21.	2.3	17
23	Structure, phase transitions, 55 Mn NMR, magnetic and magnetotransport properties of the magnetoresistance La <sub>0.9x</sub> Ag <sub>x</sub> Mn <sub>1.1-3x</sub> ceramics. <i>Journal of Alloys and Compounds</i> , 2017, 709, 779-788.	5.5	16
24	Influence of Cr doping on magnetocaloric effect and physical properties of slowly cooled NiMn <sub>1-x</sub> Cr <sub>x</sub> Ge. <i>Journal of Alloys and Compounds</i> , 2017, 726, 978-988.	5.5	11
25	Quasiparticle conductance-voltage characteristics for break junctions involving <i>d</i> -wave superconductors: charge-density-wave effects. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 505602.	1.8	4
26	Magnetic ordering in manganites doped by Ti and Al. <i>Ceramics International</i> , 2017, 43, 187-191.	4.8	3
27	Magnetic and magnetocaloric properties of the La <sub>0.9x</sub> Ag <sub>x</sub> Mn <sub>1.1-3x</sub> compounds. <i>Low Temperature Physics</i> , 2017, 43, 1190-1195.	0.6	7
28	Magnetoelastic Properties of Epitaxially Grown Co <sub>2</sub> Fe <sub>0.4</sub> Mn <sub>0.6</sub> Si and Co <sub>2</sub> FeGa <sub>0.5</sub> Ge <sub>0.5</sub> Heusler Alloys Thin Films. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-6.	2.1	6
29	Magnetoelastic properties of the epitaxially grown layers of Co <sub>2</sub> Fe <sub>0.4</sub> Mn <sub>0.6</sub> Si and Co <sub>2</sub> FeGa <sub>0.5</sub> Ge <sub>0.5</sub> Heusler alloys. , 2017, ,		0
30	The role of structural and magnetic inhomogeneities in the formation of magneto-transport properties of the La <sub>0.6x</sub> Sm <sub>0.3</sub> Mn <sub>1.1-3x</sub> ceramics. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 416, 457-465.	2.3	15
31	Influence of the spatially inhomogeneous gap distribution on the quasiparticle current in <i>c</i> -axis junctions involving <i>d</i> -wave superconductors with charge density waves. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 445701.	1.8	5
32	EPR study of the low-spin state of Ru <sup>3+</sup> in the YAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> and EuAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> aluminum borates. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 420, 285-289.	2.3	5
33	Ferromagnetic resonance and resonance modes in kagome lattices: From an open to a closed kagome structure. <i>Physical Review B</i> , 2016, 93, .	3.2	8
34	Effect of oxygen clusters on optics, magnetism, and conductivity of (In <sub>2</sub> O <sub>3</sub> ) <sub>0.9</sub> (SrO) <sub>0.1</sub> . <i>Solid State Communications</i> , 2016, 231-232, 31-35.	1.9	1
35	Changes in cluster magnetism and suppression of local superconductivity in amorphous FeCrB alloy irradiated by Ar <sup>+</sup> ions. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 399, 192-198.	2.3	3
36	Effect of gas-liquid crystal transitions in oxygen clusters on electric and magnetic activity of localized states in In <sub>2</sub> O <sub>3</sub> -SrO ceramic. <i>JETP Letters</i> , 2015, 102, 437-442.	1.4	1

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37	Quasiparticle current along the $c$ -axis in junctions involving $d$ -wave superconductors partially gapped by charge density waves. <i>Physical Review B</i> , 2015, 92, .	3.2	7
38	Interface magnetoelectric effect in the layered heterostructures with Co layers on the polished and ion-beam planarized ceramic PZT substrates. <i>EPJ Applied Physics</i> , 2015, 69, 11301.	0.7	10
39	EPR study of the ground state of $Mn^{2+}$ impurity ions in aluminoborates $MAl_3(BO_3)_4$ ( $M = Y, Eu, Tm$ ). <i>Physica Scripta</i> , 2015, 90, 065804.	2.5	10
40	New aspects of magnetocaloric effect in NiMn 0.89 Cr 0.11 Ge. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 385, 1-6.	2.3	14
41	Magnetic properties and magnetocaloric effect in $La_{0.7}Sr_{0.3}BixMnO_3$ manganites. <i>Journal of Alloys and Compounds</i> , 2015, 640, 433-439.	5.5	20
42	Stationary Josephson current as a tool to detect charge density waves in high- $T_c$ superconducting oxides. <i>Physica C: Superconductivity and Its Applications</i> , 2015, 516, 62-73.	1.2	3
43	Magnetocaloric Effect in $La_{0.8}Sr_{0.2}MnO_3$ Film. <i>Acta Physica Polonica A</i> , 2015, 128, 56-58.	0.5	1
44	Modification of Polymer-Magnetic Nanoparticles by Luminescent and Conducting Substances. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 590, 35-42.	0.9	35
45	Magnetic and Ferroelectric Ordering in the $TbMnO_3$ Film. <i>Acta Physica Polonica A</i> , 2014, 125, 128-130.	0.5	1
46	Spin-Glass Transition in the $RCoGaO_4$ ( $R = Lu, Yb$ ) Layered Cobaltites. <i>Acta Physica Polonica A</i> , 2014, 126, 230-231.	0.5	1
47	Magnetic Properties of Perovskite Manganites and Their Modifications. <i>Handbook of Magnetic Materials</i> , 2014, 22, 1-201.	0.6	59
48	Magnetocaloric effect in single crystals of $RCoGaO_4$ ( $R = Lu, Yb$ ) layered cobaltites. , 2014, , .		0
49	Comparison of EPR spectra of the $Gd^{3+}$ ion doped $YAl_3(BO_3)_4$ , $EuAl_3(BO_3)_4$ , and $TmAl_3(BO_3)_4$ single crystals. <i>Physica Status Solidi (B) - Basic Research</i> , 2014, 251, 201-205.	1.5	15
50	Effect of interfaces on the magnetoelectric properties of Co/PZT/Co heterostructures. <i>Inorganic Materials</i> , 2014, 50, 280-284.	0.8	10
51	Influence of structure defects on functional properties of magnetoresistance $(Nd_{0.7}Sr_{0.3})_{1-x}Mn_{1+x}O_3$ ceramics. <i>Acta Materialia</i> , 2014, 70, 218-227.	7.9	28
52	Stationary Josephson current in junctions involving $d$ -wave superconductors with charge density waves: the temperature dependence and deviations from the law of corresponding states. <i>European Physical Journal B</i> , 2014, 87, 1.	1.5	4
53	Low-temperature magnetic behavior of the organic-based magnet $Na[FeO_6(C_{10}H_6N)_3]$ . <i>Low Temperature Physics</i> , 2014, 40, 649-654.	0.6	4
54	EPR of $Dy^{3+}$ ions in $YAl_3(BO_3)_4$ and $EuAl_3(BO_3)_4$ aluminoborates. <i>Low Temperature Physics</i> , 2014, 40, 730-734.	0.6	11

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55	Comparison of magnetocaloric properties of the $Mn_{2-x}Fe_xP_{0.5}As_{0.5}$ ( $x = 1.0$ and $0.7$ ) compounds. <i>Solid State Sciences</i> , 2014, 36, 29-34.	3.2	17
56	Electronic Structure and Magnetic Properties of $(Co_{1-x}TM_x)_{3V}O_8$ , (TM = Mn, Mg and Zn) Compounds. <i>Ferroelectrics</i> , 2014, 461, 76-84.	0.6	3
57	Thin film's magnetostriction investigated by strain modulated ferromagnetic resonance at low temperature. <i>Measurement Science and Technology</i> , 2014, 25, 075502.	2.6	16
58	Energy Absorption by a Single Abrikosov's Vortex in NbTi and YBaCuO Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013, 26, 2033-2036.	1.8	4
59	Magnetic phase transition in $KGd(WO_4)_2$ double tungstate. <i>Open Physics</i> , 2013, 11, 394-396.	1.7	0
60	Boundaries of the critical state stability in a hard superconductor Nb <sub>3</sub> Al in the $H_c$ -T plane. <i>Low Temperature Physics</i> , 2013, 39, 329-337.	0.6	0
61	Magnetic anisotropy of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> nanopowders. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 335, 11-16.	2.3	6
62	Structural and magnetic investigation of single wall carbon nanotube films with iron based nanoparticles inclusions synthesized by CVD technique from ferrocene/ethanol solution. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2013, 10, 1176-1179.	0.8	1
63	EPR spectra of Cr <sup>3+</sup> ion in the Van Vleck paramagnet $EuAl_3(BO_3)_3$ . <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 1331-1338.	1.5	21
64	EPR of Nd <sup>3+</sup> and Er <sup>3+</sup> ions in aluminum borates YAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> and EuAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 326, 162-165.	2.3	16
65	Effect of cobalt layer thickness on the magnetoelectric properties of Co/PbZr <sub>0.45</sub> Ti <sub>0.55</sub> O <sub>3</sub> /Co heterostructures. <i>Inorganic Materials</i> , 2013, 49, 1011-1014.	0.8	12
66	Orientation peculiarities of dc Josephson tunneling between $d$ -wave superconductors with charge density waves. <i>Physical Review B</i> , 2013, 87, .	3.2	12
67	Grain size effect on magnetic properties of REMnO <sub>3</sub> (RE = Pr, Nd). <i>Low Temperature Physics</i> , 2013, 39, 351-356.	0.6	4
68	Ion-beam sputtering deposition and magnetoelectric properties of layered heterostructures (FM/PZT/FM) <sub>n</sub> , where FM = Co or Ni <sub>78</sub> Fe <sub>22</sub> . <i>EPJ Applied Physics</i> , 2013, 63, 21301.	0.7	10
69	Spherical cluster ensembles with fractal structure in LaSrMnO: New form of self-organization in solids. <i>Journal of Applied Physics</i> , 2013, 113, 164309.	2.5	9
70	Peculiarities of magnetically ordered phase formation during anion and cation substitutions in MnFeAs <sub>1-y</sub> and Mn <sub>2-x</sub> Fe <sub>x</sub> As <sub>0.5</sub> P <sub>0.5</sub> systems. <i>Low Temperature Physics</i> , 2012, 38, 49-53.	0.6	2
71	Temperature dependences of surface magnetoelastic constants of ultrathin Fe/GaAs (001) films. <i>Low Temperature Physics</i> , 2012, 38, 839-842.	0.6	1
72	Phase transitions in TbMnO <sub>3</sub> manganites. <i>Low Temperature Physics</i> , 2012, 38, 216-220.	0.6	16

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73	Image forces for a point-like dipole near a plane metal surface: An account of the spatial dispersion of dielectric permittivity. <i>Surface Science</i> , 2012, 606, 510-515.	1.9	17
74	Fine Structure of Thermal Runaway Process in the V3Si Single-crystal Superconductor as a Result of Pinning Center Response. <i>Physics Procedia</i> , 2012, 36, 634-637.	1.2	3
75	dc Josephson Current Between an Isotropic and a d-Wave or Extended s-Wave Partially Gapped Charge Density Wave Superconductor. , 2012, , .		0
76	Effect of flux clusterization on the thickness of films deposited by magnetron and pulsed laser sputtering of metal oxides. <i>Technical Physics Letters</i> , 2012, 38, 231-234.	0.7	2
77	Origin of Magnetic Anisotropy of Gd <sub>5</sub> Si <sub>2</sub> Ge <sub>2</sub> Compound. <i>Acta Physica Polonica A</i> , 2012, 121, 1261-1262.	0.5	2
78	Influence of Nonstoichiometry on Magnetocaloric Effect in (La <sub>0.7</sub> Ca <sub>0.3</sub> ) <sub>1-x</sub> Mn <sub>1+x</sub> O <sub>3</sub> . <i>Acta Physica Polonica A</i> , 2012, 122, 162-166.	0.5	3
79	Magnetic order-order phase transitions in itinerant magnets: Fe <sub>2</sub> ˆxMnxAs. <i>Low Temperature Physics</i> , 2011, 37, 309-317.	0.6	1
80	The magnetic properties of potassium holmium double tungstate. <i>Low Temperature Physics</i> , 2011, 37, 678-683.	0.6	2
81	d-Wave Superconductivity and s-Wave Charge Density Waves: Coexistence between Order Parameters of Different Origin and Symmetry. <i>Symmetry</i> , 2011, 3, 699-749.	2.2	18
82	Ferromagnetic state of La <sub>1-x</sub> Mn <sub>x</sub> O <sub>3</sub> . <a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> $\text{La}_{1-x}\text{Mn}_x\text{O}_3$	3.2	25
83	Experimental Evidence for Ising Spin-Glass Transition in the YbCoGaO <sub>4</sub> Single Crystal. <i>Journal of Physics: Conference Series</i> , 2011, 303, 012064.	0.4	3
84	The low temperature magnetic properties of potassium holmium double tungstate. <i>Open Physics</i> , 2011, 9, .	1.7	4
85	Magnetic state of the structural separated anion-deficient La <sub>0.70</sub> Sr <sub>0.30</sub> MnO <sub>2.85</sub> manganite. <i>Journal of Experimental and Theoretical Physics</i> , 2011, 113, 819-825.	0.9	139
86	The phase diagram for coexisting d-wave superconductivity and charge-density waves: cuprates and beyond. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 385701.	1.8	18
87	Temperature and pressure dependences of EPR spectra of Gd <sup>3+</sup> ion doped in the EuAl <sub>3</sub> (BO <sub>3</sub> ) <sub>4</sub> monocystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 1546-1550.	2.3	17
88	High temperature magnetic order in zinc sulfide doped with copper. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 648-652.	4.0	25
89	Enhancement of local superconductivity in ferromagnetic FeCrB metallic glass by Ar <sup>+</sup> ion irradiation. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 415702.	1.8	2
90	Quasi-continuous-wave intracavity KGW Raman laser: generation at different wavelengths. , 2011, , .		0

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91	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
92	The specific heat of potassium holmium double tungstate. <i>Phase Transitions</i> , 2011, 84, 944-951.	1.3	1
93	Magnetocaloric effect in polycrystalline La based manganites modified with Sr. <i>Journal of Physics: Conference Series</i> , 2011, 303, 012070.	0.4	3
94	Crystalline Structure of Potassium Holmium Double Tungstate. <i>Acta Physica Polonica A</i> , 2011, 119, 835-837.	0.5	2
95	Effect of deformation and heat treatment with equal-channel, multiple-angle pressing on the superconducting properties of NbTi alloy. <i>Low Temperature Physics</i> , 2010, 36, 1045-1048.	0.6	4
96	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
97	Magnetic and EPR studies of the $\text{EuFe}_3(\text{BO}_3)_4$ single crystal. <i>European Physical Journal B</i> , 2010, 78, 291-298.	1.5	3
98	Specific Heat of the Monoclinic Rare Earth Double Tungstates. <i>Journal of Low Temperature Physics</i> , 2010, 160, 119-130.	1.4	2
99	Magnetic properties of $\text{KRE}(\text{WO}_4)_2$ (RE=Gd, Yb, Tm) single crystals. <i>Physica B: Condensed Matter</i> , 2010, 405, 4886-4891.	2.7	11
100	Cooling by adiabatic pressure application in $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$ magnetocaloric effect material. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1589-1591.	2.3	22
101	Magnetic, resonance and transport properties of nanopowder of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 3072-3079.	2.3	52
102	EPR of $\text{Mn}^{2+}$ in the kagomí staircase compound $\text{Mg}_{2.97}\text{Mn}_{0.03}\text{V}_2\text{O}_8$ . <i>Journal of Magnetic Resonance</i> , 2010, 205, 69-74.	2.1	2
103	Competition of Superconductivity and Charge Density Waves in Cuprates: Recent Evidence and Interpretation. <i>Advances in Condensed Matter Physics</i> , 2010, 2010, 1-40.	1.1	51
104	Low-temperature anomalies in resistance and magnetoresistance of amorphous FeCrB ribbons. Coexistence of ferromagnetism and local superconductivity?. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 296001.	1.8	4
105	Giant Magnetocaloric Effect in Manganites. <i>Acta Physica Polonica A</i> , 2010, 117, 203-206.	0.5	19
106	Magnetic Properties of the Nanocrystalline $\text{DyMnO}_3$ Compound. <i>Acta Physica Polonica A</i> , 2010, 117, 607-610.	0.5	9
107	Field-Induced Magnetic Order in Frustrated $\text{TbBaCo}_4\text{O}_7$ Single Crystals. <i>Acta Physica Polonica A</i> , 2010, 118, 299-302.	0.5	2
108	The Influence of Magnetic History on the Stability of Critical State and the Dynamics of Flux Jumps in Conventional NbTi Superconductor. <i>Acta Physica Polonica A</i> , 2010, 118, 343-345.	0.5	2

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109	10.1007/s11454-008-1009-2. , 2010, 53, 49.		0
110	Pinning Force in Superconducting Wires Nb-Ti. Acta Physica Polonica A, 2010, 118, 364-365.	0.5	0
111	The Influence of the Magnetic Field on the Dynamics of the Flux Jumps in the Flux Flow Model. Acta Physica Polonica A, 2010, 118, 340-342.	0.5	1
112	Spectroscopy of boson excitations in a nanoscale vicinity of a doped-manganite-metal interface. Low Temperature Physics, 2009, 35, 243-246.	0.6	2
113	A magnetic-field-induced irreversible transition in geometrically frustrated antiferromagnetic TbBaCo4O7 with kagome and triangular lattices. Low Temperature Physics, 2009, 35, 971-973.	0.6	2
114	Penetration of RF Electromagnetic Field through Thin Films of $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ Manganite. Solid State Phenomena, 2009, 152-153, 123-126.	0.3	0
115	Field Dependence of the Refrigerant Capacity for $\text{La}_{0.6}\text{Ca}_{0.4}\text{MnO}_3$ Manganite. Solid State Phenomena, 2009, 154, 163-168.	0.3	1
116	Sensor of Current or Magnetic Field Based on Magnetoresistance Effect in $(\text{La}_{0.7}\text{Ca}_{0.3})_{0.8}\text{Mn}_{1.2}\text{O}_3$ Manganite Film. Solid State Phenomena, 2009, 154, 157-161.	0.3	5
117	Fatigue and endurance of coronary stents. Materialwissenschaft Und Werkstofftechnik, 2009, 40, 61-64.	0.9	10
118	The Reversal of the Local Magnetic Field Profile at the Surface of Superconducting Sample Caused by the Thermomagnetic Avalanche. Journal of Low Temperature Physics, 2009, 154, 55-67.	1.4	4
119	Equal-Channel Multi-Angle Pressing Effect on the Properties of NbTi Alloy. Journal of Superconductivity and Novel Magnetism, 2009, 22, 505-510.	1.8	12
120	Electron paramagnetic resonance of $\text{Gd}^{3+}$ ion in monocystal $\text{YAl}_3(\text{BO}_3)_4$ . Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2617-2621.	1.8	14
121	The EPR of monoclinic $\text{KY}(\text{WO}_4)_2$ single crystal doped with $\text{Sm}^{3+}$ ion. Physica Status Solidi (B): Basic Research, 2009, 246, 1105-1109.	1.5	4
122	The production and structure of submicrometer $\text{Eu}_{0.75}\text{Fe}_{0.25}\text{O}$ films on InSb, Si, and GaAs substrates. Inorganic Materials, 2009, 45, 254-257.	0.8	3
123	Penetration of the high-frequency electromagnetic field through thin films of Sr-doped lanthanum manganites. Thin Solid Films, 2009, 517, 2979-2983.	1.8	1
124	The effect of magnetic order in amorphous $\text{LaSrMnO}$ films on an anomaly in the variable range hopping. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 894-900.	2.1	12
125	Order parameter and barrier height in $\text{LaSrMnO}$ cluster glasses. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 3978-3981.	2.1	4
126	Magnetic anisotropy in geometrically frustrated kagome staircase lattices. Journal of Magnetism and Magnetic Materials, 2009, 321, 793-795.	2.3	6

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127	Magnetocaloric effect in $(\text{La}_{0.6}\text{Ca}_{0.4})_{0.9}\text{Mn}_{1.1}\text{O}_3$ . <i>Physics of the Solid State</i> , 2009, 51, 2090-2094.	0.6	6
128	Magnetocaloric effect in Fe-Cr-Cu-Nb-Si-B amorphous materials. <i>Journal of Alloys and Compounds</i> , 2009, 479, 71-73.	5.5	22
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