

Henryk Szymczak

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L-index

#	Paper	IF	Citations
449	Phase Transitions in the Gd _{0.5} Ba _{0.5} CoO ₃ Perovskite. <i>Physical Review Letters</i> , 1998 , 80, 3380-3383	7.4	176
448	Magnetocaloric effect in La _{1-x} Sr _x MnO ₃ for x=0.13 and 0.16. <i>Applied Physics Letters</i> , 2000 , 77, 1026	3.4	145
447	Magnetic and electrical properties of LaBaMn ₂ O ₆ (L=Pr, Nd, Sm, Eu, Gd, Tb) manganites. <i>Physical Review B</i> , 2002 , 66,	3.3	116
446	Magnetic and electrical transport properties of orthocobaltites R _{0.5} Ba _{0.5} CoO ₃ (R=La, Pr, Nd, Sm, Eu, Gd, Tb, Dy). <i>Physical Review B</i> , 1998 , 58, 2418-2421	3.3	112
445	Magnetic state of the structural separated anion-deficient La _{0.70} Sr _{0.30} MnO _{2.85} manganite. <i>Journal of Experimental and Theoretical Physics</i> , 2011 , 113, 819-825	1	110
444	Critical behavior of La _{0.825} Sr _{0.175} MnO _{2.912} anion-deficient manganite in the magnetic phase transition region. <i>JETP Letters</i> , 2007 , 85, 507-512	1.2	107
443	Frustrated exchange interactions formation at low temperatures and high hydrostatic pressures in La _{0.70} Sr _{0.30} MnO _{2.85} . <i>Journal of Experimental and Theoretical Physics</i> , 2010 , 111, 209-214	1	90
442	Influence of oxygen vacancies on the magnetic and electrical properties of La _(1-x) Sr _x MnO _(3-x/2) manganites. <i>European Physical Journal B</i> , 2004 , 42, 51-61	1.2	87
441	Magnetic properties of anion deficit manganites Ln _{0.55} Ba _{0.45} MnO ₃ (Ln=La, Nd, Sm, Gd, 0.37). <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 208, 217-220	2.8	84
440	Effect of the size factor on the magnetic properties of manganite La _{0.50} Ba _{0.50} MnO ₃ . <i>Physics of the Solid State</i> , 2008 , 50, 886-893	0.8	83
439	Comparative study of the magnetic and electrical properties of Pr _{1-x} Ba _x MnO ₃ manganites depending on the preparation conditions. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 237, 276-282	2.8	83
438	Magnetotransport Properties and Mechanism of the A-Site Ordering in the Nd _{1-x} Ba _x Optimal-Doped Manganites. <i>Journal of Low Temperature Physics</i> , 2007 , 149, 185-199	1.3	79
437	Thermal stability of A-site ordered PrBaMn ₂ O ₆ manganites. <i>Journal of Physics and Chemistry of Solids</i> , 2006 , 67, 675-681	3.9	79
436	Evolution of magnetic state in the La _{1-x} Ca _x MnO ₃ (x=0.30, 0.50) manganites depending on the oxygen content. <i>Journal of Solid State Chemistry</i> , 2002 , 169, 85-95	3.3	75
435	Magnetic properties of La _{0.70} Sr _{0.30} MnO _{2.85} anion-deficient manganite under hydrostatic pressure. <i>JETP Letters</i> , 2006 , 83, 33-36	1.2	74
434	Anisotropic magnetic, magnetoresistance, and electrotransport properties of GdBaCo ₂ O _{5.5} single crystals. <i>Physical Review B</i> , 2003 , 67,	3.3	72
433	Magnetic and magnetotransport properties of Co-doped manganites with perovskite structure. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 210, 63-72	2.8	72

432	Finite-element modelling of magnetostrictive bending of a coated cantilever. <i>Applied Physics Letters</i> , 1997 , 70, 2607-2609	3.4	66
431	Study of A-site ordered PrBaMn ₂ O ₆ manganite properties depending on the treatment conditions. <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 6495-6506	1.8	66
430	Effect of oxygen content on the magnetic and transport properties of Pr _{0.5} Ba _{0.5} MnO ₃ . <i>Journal of Physics Condensed Matter</i> , 2000 , 12, L155-L158	1.8	66
429	Phase separation and size effects in Pr _(0.70) Ba _(0.30) MnO _(3+δ) perovskite manganites. <i>Journal of Physics Condensed Matter</i> , 2007 , 19, 266214	1.8	64
428	The influence of oxygen deficiency on the magnetic and electric properties of La _{0.70} Ba _{0.30} MnO ₃ (0 δ 0.30) manganite with a perovskite structure. <i>Journal of Experimental and Theoretical Physics</i> , 2002 , 95, 308-315	1	64
427	Magnetic phase diagrams of the manganites Ln _{1-x} Ba _x MnO ₃ (Ln = Nd, Sm). <i>Journal of Physics Condensed Matter</i> , 1999 , 11, 8707-8717	1.8	61
426	Negative magnetization in La _{0.75} Nd _{0.25} CrO ₃ perovskite. <i>Journal of Materials Science</i> , 2008 , 43, 5662-5665	1.5	57
425	Magnetic phase transitions in the anion-deficient La _{1-x} Ba _x MnO _{3-x/2} (0 \leq x \leq 0.50) manganites. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 1783-1795	1.8	56
424	Effect of magnetic fields on magnetic phase separation in anion-deficient manganite La _{0.70} Sr _{0.30} MnO _{2.85} . <i>Low Temperature Physics</i> , 2011 , 37, 465-469	0.7	55
423	Pressure-tuned spin state and ferromagnetism in La _{1-x} M _x CoO ₃ (M=Ca,Sr). <i>Physical Review B</i> , 2005 , 71,	3.3	52
422	Magnetic field-induced transitions in geometrically frustrated Co ₃ V ₂ O ₈ single crystal. <i>Physical Review B</i> , 2006 , 73,	3.3	51
421	Influence of the real shape of a sample on the pinning induced magnetostriction. <i>Journal of Applied Physics</i> , 1998 , 84, 3770-3775	2.5	51
420	Magnetic interaction in Mg, Ti, Nb doped manganites. <i>European Physical Journal B</i> , 2002 , 28, 75-80	1.2	48
419	Magnetic, resonance and transport properties of nanopowder of La _{0.7} Sr _{0.3} MnO ₃ manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 3072-3079	2.8	44
418	Magnetocaloric effect in La _{1-x} Ca _x MnO ₃ for x = 0.3, 0.35, and 0.4. <i>Journal of Materials Science</i> , 2008 , 43, 1734-1739	4.3	42
417	Magnetic phase diagrams of the Ln(Mn _{1-x} Cox)O ₃ (Ln=Eu, Nd, Y) systems. <i>Journal of Applied Physics</i> , 2000 , 88, 360-367	2.5	40
416	Light induced charge transfer processes in Cr doped Bi ₁₂ GeO ₂₀ and Bi ₁₂ SiO ₂₀ single crystals. <i>Journal of Physics and Chemistry of Solids</i> , 1982 , 43, 767-769	3.9	39
415	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	37

- 414 Flux Jumps and H-T Diagram of Instability for MgB₂. *Journal of Low Temperature Physics*, **2003**, 130, 175-191 37
- 413 Synthesis and structure of nanocrystalline La_{0.50}Ba_{0.50}MnO₃. *Crystallography Reports*, **2008**, 53, 1177-1180 36
- 412 Magnetic phase transitions in the system La_{1-x}BixMnO₃. *Low Temperature Physics*, **2002**, 28, 569-573 0.7 36
- 411 Magnetic Properties of Perovskite Manganites and Their Modifications. *Handbook of Magnetic Materials*, **2014**, 22, 1-201 1.3 35
- 410 Giant magnetostriction and magnetostriction jumps in superconducting single crystalline. *Superconductor Science and Technology*, **1997**, 10, 786-793 3.1 35
- 409 Antiferromagnet-ferromagnet and structural phase transitions in La_{0.88}MnO_x manganites. *Physical Review B*, **2004**, 69, 3-3 34
- 408 Spin-reorientational transitions in low-doped Nd_{1-x}CaxMnO₃ manganites: the evidence of an inhomogeneous magnetic state. *Journal of Physics Condensed Matter*, **2003**, 15, 8865-8880 1.8 33
- 407 From almost zero magnetostriction to giant magnetostrictive effects: recent results. *Journal of Magnetism and Magnetic Materials*, **1999**, 200, 425-438 2.8 33
- 406 Synthesis and characterization of Ln(B_{0.5}Mn_{0.5})O₃ (Ln-lanthanoid; B = Ni, Co) perovskites. *Materials Research Bulletin*, **1997**, 32, 67-74 5.1 32
- 405 Thermodynamics of superconductors with charge-density waves. *Journal of Physics Condensed Matter*, **2003**, 15, 2745-2753 1.8 30
- 404 Effect of Coulomb blockade on the low- and high-temperature resistance of La_{1-x}MxMnO₃ (M=Sr,Ca) films. *Physical Review B*, **2006**, 74, 3-3 29
- 403 Phase separation in La_{2-x}A_xCoMnO₆ (A=Ca and Sr) perovskites. *Journal of Experimental and Theoretical Physics*, **2004**, 99, 363-369 1 28
- 402 Magnetic and crystal structure phase transitions in R_{1-x}BaxCoO_{3-y} (R = Nd, Gd). *Journal of Physics Condensed Matter*, **2000**, 12, 2485-2493 1.8 28
- 401 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
- 400 Evolution of ferromagnetic order in LaMnO_{3.05} single crystals: Common origin of both pressure and self-doping effects. *Physical Review B*, **2003**, 68, 3-3 27
- 399 Mechanism of stress dependence of saturation magnetostriction in amorphous alloys. *Journal of Magnetism and Magnetic Materials*, **1987**, 67, 227-231 2.8 27
- 398 Structural and magnetic properties of La_{1-x}PrxMnO₃ (0 ≤ x ≤ 1.0). *Physical Review B*, **2006**, 74, 3-3 26
- 397 Dipolar mechanism for magnetostriction in amorphous ferrimagnetic alloys. *IEEE Transactions on Magnetics*, **1978**, 14, 847-848 2 26

396	High temperature magnetic order in zinc sulfide doped with copper. <i>Journal of Physics and Chemistry of Solids</i> , 2011 , 72, 648-652	3.9	25
395	Transport properties of bulk and thin-film MgB ₂ superconductors: effects of preparation conditions. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 402, 325-334	1.3	25
394	Temperature-dependent pseudogap-like features in tunnel spectra of high-T _c cuprates as a manifestation of charge-density waves. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 425218	1.8	24
393	Cation ordering and magnetic properties of neodymium-barium manganites. <i>Technical Physics</i> , 2008 , 53, 49-54	0.5	24
392	Canted spin structure in clusters of the (La _{0.7} Ca _{0.3}) _{1-x} Mn _{1+x} O ₃ perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 246, 40-53	2.8	24
391	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	8.4	23
390	Ferromagnetic state of La _{1-x} BaxCoO ₃ under applied pressure: Factors controlling the sign reversal of pressure effect in cobaltites. <i>Physical Review B</i> , 2011 , 83,	3.3	23
389	Magnetic and resonance properties of LiCu ₂ O ₂ single crystals. <i>Journal of Experimental and Theoretical Physics</i> , 1998 , 86, 1020-1025	1	23
388	Magnetic properties of anion-deficient La _{1-x} BaxMnO _{3-x/2} (0 ≤ x ≤ 0.30) manganites. <i>Journal of Experimental and Theoretical Physics</i> , 2003 , 96, 110-117	1	23
387	Phase transitions in La _{1-x} CaxMnO _{3-x/2} manganites. <i>Journal of Experimental and Theoretical Physics</i> , 2001 , 93, 161-167	1	23
386	Magnetothermal instabilities in type II superconductors: The influence of magnetic irreversibility. <i>Journal of Applied Physics</i> , 2000 , 88, 5875-5883	2.5	23
385	The Phonon-Induced Temperature Dependences of Spin-Hamiltonian Parameters for S-State Ions. <i>Physica Status Solidi (B): Basic Research</i> , 1976 , 74, 225-233	1.3	23
384	Light-induced charge transfer processes in Mn-doped Bi ₁₂ GeO ₂₀ and Bi ₁₂ SiO ₂₀ single crystals. <i>Journal of Physics and Chemistry of Solids</i> , 1985 , 46, 1117-1129	3.9	22
383	Cooling by adiabatic pressure application in La _{0.7} Ca _{0.3} MnO ₃ magnetocaloric effect material. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 1589-1591	2.8	21
382	Magnetic interactions and phase transitions in the Co- and Ni-doped manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 1997 , 168, 309-315	2.8	21
381	Magnetic and Transport Properties of EuMnO _{3+x} Substituted by Ca, Sr and Cr Ions. <i>Physica Status Solidi A</i> , 1997 , 160, 195-203		21
380	Surface magnetoelastic behavior of magnetic multilayers (invited). <i>Journal of Applied Physics</i> , 1997 , 81, 5411-5415	2.5	20
379	Quasi-one-dimensional S = 1/2 magnet Pb[Cu(SO ₄)(OH) ₂]: frustration due to competing in-chain exchange. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006 , 3, 220-224		20

378	Growth and Properties of Potassium Holmium Double Tungstate $\text{KHo}(\text{WO}_4)_2$. <i>Crystal Research and Technology</i> , 2001 , 36, 283-287	1.3	20
377	Magnetic structure of $\text{TbBaCo}_2\text{O}_{5.4}$ perovskite. <i>Journal of Materials Research</i> , 2002 , 17, 838-843	2.5	20
376	Magnetocaloric effect in $\text{Fe}_{0.7}\text{Co}_{0.3}\text{Ni}_{0.5}\text{Bi}_{0.5}$ amorphous materials. <i>Journal of Alloys and Compounds</i> , 2009 , 479, 71-73	5.7	19
375	Phase transition in perovskites. <i>Journal of Physics Condensed Matter</i> , 1998 , 10, 7957-7966	1.8	19
374	Effect of the oxygen nonstoichiometry on the structure and magnetic properties of $\text{Nd}_2\text{CoMnO}_6+\delta$ double perovskites. <i>Physica Status Solidi (B): Basic Research</i> , 2007 , 244, 3367-3376	1.3	19
373	Crystalline and magnetic structures of $\text{La}_{1-x}\text{Bi}_x\text{MnO}_3+\delta$ manganites. <i>Journal of Experimental and Theoretical Physics</i> , 2006 , 103, 54-59	1	19
372	Electron paramagnetic resonance spectra of Er^{3+} in the monoclinic $\text{KY}(\text{WO}_4)_2$ crystal. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 5113-5120	1.8	19
371	Magnetic properties of $\text{La}_{1-x}\text{Ca}_x\text{CoO}_3$ single crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 285, 386-394	2.8	19
370	The center of orthorhombic symmetry in chromium doped $\text{Bi}_{12}\text{GeO}_{20}$ and $\text{Bi}_{12}\text{SiO}_{20}$ single crystals. <i>Journal of Physics and Chemistry of Solids</i> , 1984 , 45, 887-896	3.9	19
369	Surface Magnetostriction. <i>Acta Physica Polonica A</i> , 1993 , 83, 651-659	0.6	19
368	Modification of Polymer-Magnetic Nanoparticles by Luminescent and Conducting Substances. <i>Molecular Crystals and Liquid Crystals</i> , 2014 , 590, 35-42	0.5	18
367	Jahn-Teller type structural transition in $\text{K Dy}(\text{WO}_4)_2$. <i>Solid State Communications</i> , 1997 , 102, 627-630	1.6	18
366	Metamagnetic behaviour in $\text{TbCo}_{0.5}\text{Mn}_{0.5}\text{O}_{3.06}$ perovskite. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 9541-9548	1.8	18
365	Crystal structure and EPR of the $\text{RbNd}(\text{WO}_4)_2$ single crystal. <i>Physica B: Condensed Matter</i> , 2006 , 371, 205-209	2.8	18
364	Magnetostriction of multilayer Ni-C films. <i>IEEE Transactions on Magnetics</i> , 1987 , 23, 3699-3700	2	18
363	Analysis of the pseudogap-related structure in tunneling spectra of superconducting $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ revealed by the break-junction technique. <i>Physical Review B</i> , 2007 , 76,	3.3	17
362	Magnetic properties of Nd-deficient manganites $\text{Nd}_{0.9}\text{Ca}_{0.1}\text{MnO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 303, 111-118	2.8	17
361	Magnetic phase transitions in $\text{TbBaCo}_2\text{O}_{5.5}$ single crystals. <i>Journal of Physics Condensed Matter</i> , 2003 , 15, 8853-8863	1.8	17

360	Effect of cluster structure on the transition from spin-dependent tunneling to percolation mechanism of conductivity in LaSr(Ca)MnO thin films. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004 , 332, 275-285	2.3	17
359	Temperature-induced change in the ESR spectrum of the Fe ³⁺ ion in polyaniline. <i>Low Temperature Physics</i> , 2000 , 26, 265-269	0.7	17
358	Temperature variation of the EPR spectra of Dy ³⁺ in single crystal KY(WO ₄) ₂ . <i>Physical Review B</i> , 2000 , 62, 5834-5838	3.3	17
357	Giant Magnetocaloric Effect in Manganites. <i>Acta Physica Polonica A</i> , 2010 , 117, 203-206	0.6	17
356	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	5.7	16
355	Phase transitions in TbMnO ₃ manganites. <i>Low Temperature Physics</i> , 2012 , 38, 216-220	0.7	16
354	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	1.8	16
353	EPR spectra of Cr ³⁺ ion in the Van Vleck paramagnet EuAl ₃ (BO ₃) ₄ . <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 1331-1338	1.3	16
352	Metamagnetism in perovskites RMnO _{3+x} (R=Gd, Tb, Dy). <i>Low Temperature Physics</i> , 1997 , 23, 300-302	0.7	16
351	ESR-study of the low-temperature phase transition in KDy(WO ₄) ₂ . <i>Physica B: Condensed Matter</i> , 1997 , 240, 21-25	2.8	16
350	Internal stress influence on FMR in amorphous glass-coated microwires. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 316, e890-e892	2.8	16
349	Spin-spin interaction of Dy ³⁺ ions in KY(WO ₄) ₂ . <i>Physics of the Solid State</i> , 2002 , 44, 1587-1596	0.8	16
348	Magnetic phase transitions in the lightly doped Nd _{1-x} CaxMnO ₃ manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2005 , 288, 224-235	2.8	16
347	Magnetic phase diagram of the system of manganites Nd _{0.6} Ca _{0.4} (Mn _{1-x} Cr _x)O ₃ . <i>Low Temperature Physics</i> , 2002 , 28, 45-48	0.7	16
346	Effect of substitution of Mn by Cr on the ⁵⁵ Mn NMR and magnetoresistance in La _{0.6} Sr _{0.2} Mn _{1.2-x} Cr _x O ₃ (0 ≤ x ≤ 0.2). <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 220, 52-58	2.8	16
345	Effect of roughness on the surface anisotropy and magnetostriction of magnetic multilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 1995 , 139, 151-156	2.8	16
344	Domain wall energy in Nd ₂ (Fe,Co,Al) ₁₄ B alloys. <i>IEEE Transactions on Magnetics</i> , 1987 , 23, 2536-2538	2	16
343	Rotational invariance and the phonon-induced contributions to spin-Hamiltonian parameters for orbital singlet ions. <i>Zeitschrift für Physik B Condensed Matter and Quanta</i> , 1977 , 28, 67-71		16

- 342 Magnetocaloric effect in Ni₂MnGa single crystal in the vicinity of the martensitic phase transition. *Journal of Magnetism and Magnetic Materials*, **2017**, 430, 16-21 2.8 15
- 341 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 15
- 340 Spin waves in the ferromagnetic ground state of the kagome staircase system Co₃V₂O₈. *Physical Review B*, **2009**, 79, 3.3 15
- 339 Magnetic structure of the manganites heavily doped by Fe and Cr ions. *Journal of Magnetism and Magnetic Materials*, **2007**, 312, 470-475 2.8 15
- 338 A new high-T_C ferromagnet: Manganese-doped CdGeAs₂ chalcopyrite. *Technical Physics Letters*, **2004**, 30, 924-926 0.7 15
- 337 Ferromagnetic resonance in (La_{0.7}Ca_{0.3})_{1-x}Mn_{1+x}O₃ films. *Journal of Applied Physics*, **2003**, 93, 2100-2106 15
- 336 Magnetic anisotropy in detwinned Tb_{0.9}Dy_{0.1}BaCo₂O_{5.5} single crystal. *Journal of Physics Condensed Matter*, **2005**, 17, 5613-5624 1.8 15
- 335 Pinning induced magnetostriction in ceramic high temperature superconductors. *Physica C: Superconductivity and Its Applications*, **1999**, 321, 49-58 1.3 15
- 334 Dipolar mechanism for surface magnetoelastic coupling in ultrathin ferromagnetic films. *IEEE Transactions on Magnetics*, **1993**, 29, 3132-3134 2 15
- 333 On the origin of the perpendicular anisotropy and magnetostriction in amorphous RF sputtered Gd₂Co films. *Physica Status Solidi A*, **1981**, 63, 103-108 15
- 332 Interface magnetoelectric effect in elastically linked Co/PZT/Co layered structures. *Journal of Magnetism and Magnetic Materials*, **2019**, 485, 291-296 2.8 14
- 331 EPR of Nd³⁺ and Er³⁺ ions in aluminum borates YAl₃(BO₃)₄ and EuAl₃(BO₃)₄. *Journal of Magnetism and Magnetic Materials*, **2013**, 326, 162-165 2.8 14
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- 325 High field magnetization processes in Pr₂Fe₁₄B. *Physica Status Solidi A*, **1985**, 92, K65-K68 14

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323	Field dependence of forced magnetostriction in amorphous alloys. <i>Journal of Physics F: Metal Physics</i> , 1982 , 12, 1841-1844		14
322	Comparison of magnetocaloric properties of the Mn ₂ FexP0.5As0.5 (x = 1.0 and 0.7) compounds. <i>Solid State Sciences</i> , 2014 , 36, 29-34	3-4	13
321	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	1-3	13
320	Electron paramagnetic resonance of Gd ³⁺ ion in monocrystal YAl ₃ (BO ₃) ₄ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009 , 206, 2617-2621	1.6	13
319	Temperature and pressure dependences of EPR spectra of Gd ³⁺ ion doped in the EuAl ₃ (BO ₃) ₄ monocrystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2011 , 323, 1546-1550	2.8	13
318	Magnetic Ordering of Dy ³⁺ Ions in RbDy(WO ₄) ₂ Single Crystal. <i>Journal of Low Temperature Physics</i> , 1998 , 110, 1003-1011	1.3	13
317	Effect of oxygen content on the magnetic state of La _{0.5} Ca _{0.5} MnO ₃ perovskites. <i>JETP Letters</i> , 1999 , 70, 590-594	1.2	13
316	Optical spectrum of antiferromagnetic spinels ZnCr ₂ O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 1980 , 15-18, 841-842	2.8	13
315	Optical Study of Ni ²⁺ and Co ²⁺ Ions in Garnets with Only Octahedral Magnetic Sublattice. <i>Physica Status Solidi (B): Basic Research</i> , 1973 , 55, 781-785	1.3	13
314	Structure, phase transitions, 55 Mn NMR, magnetic and magnetotransport properties of the magnetoresistance La _{0.9} Ag _x Mn _{1.1} O ₃ ceramics. <i>Journal of Alloys and Compounds</i> , 2017 , 709, 779-788	5-7	12
313	A-site ordered state in manganites with perovskite-like structure based on optimally doped compounds Ln _{0.70} Ba _{0.30} MnO ₃ (Ln = Pr, Nd). <i>Journal of Rare Earths</i> , 2019 , 37, 1242-1249	3-7	12
312	Preparation and investigation of the magnetoelectric properties in layered cermet structures. <i>Ceramics International</i> , 2019 , 45, 13030-13036	5.1	12
311	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	2.8	12
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