

Roman Puzniak

List of Publications by Year in descending order

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all docs

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times ranked

3469
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined pressure and magnetic-field induced caloric effects in Fe ₇ Se ₈ single crystals. Journal of Magnetism and Magnetic Materials, 2022, 543, 168626.	1.0	4
2	Magnetic Properties of Heavy Ion Implanted Monocrystalline ZnO. Acta Physica Polonica A, 2022, 141, 123-129.	0.2	0
3	Quantum versus classical nature of the low-temperature magnetic phase transition in TbAlO_3 . Physical Review B, 2022, 105, .		
4	Multi-Steps Magnetic Flux Entrance/Exit at Thermomagnetic Avalanches in the Plates of Hard Superconductors. Materials, 2022, 15, 2037.	1.3	1
5	Temperature-driven spin switching and exchange bias in the ErFeO_3 ferrimagnet. Physical Review B, 2022, 105, .		
6	Electrochemical intercalation of alkali metal Lewis bases adducts into layered structure of iron chalcogenides. Journal of Solid State Chemistry, 2022, 310, 123024.	1.4	0
7	Spin-glass-like behavior in SmFeAsO _{0.8} Fe _{0.2} . Mendeleev Communications, 2022, 32, 305-307.	0.6	2
8	Enhanced coercivity in SmCo ₅ magnet subjected to hydrogen treatment. Journal of Alloys and Compounds, 2021, 866, 158272.	2.8	3
9	Pressure-tuned spin switching in compensated GdCrO_3 ferrimagnet. Physical Review B, 2021, 103, .	1.1	9
10	The Impact of Hydrogenation on Structural and Superconducting Properties of FeTe _{0.65} Se _{0.35} Single Crystals. Materials, 2021, 14, 7900.	1.3	0
11	Pressure-induced decay of the Griffiths phase and accompanying exchange-bias collapse in GdCrO_3 . Physical Review B, 2021, 103, .	1.1	3
12	Enhancement of superconducting state properties of $\text{Fe}_{0.994}\text{Ni}_{0.007}\text{Te}_{0.66}\text{Se}_{0.34}$ single crystal with increasing pressure: a correlation with pressure-induced crystallinity degradation. Superconductor Science and Technology, 2020, 33, 045004.	1.8	1
13	Bismuth and oxygen valencies and superconducting state properties in Ba _{1-x} K _x BiO ₃ superconductor. Physica B: Condensed Matter, 2020, 591, 412226.	1.3	1
14	Magnetic susceptibility and phase transitions in LiNiPO_4 . Physical Review B, 2019, 99, .	1.1	7
15	Spin switching and unusual exchange bias in the single-crystalline GdCrO_3 compensated ferrimagnet. Physical Review B, 2019, 100, .	1.1	23
16	Dynamics of Abrikosov's Vortex Forced Oscillations: Role of Frequency, Acting Forces and Vortex Parameters. Low Temperature Physics, 2019, 45, 1018-1025.	0.2	0
17	Magnetic order in ErFeO_3 single crystals studied by mean-field theory. Physical Review B, 2019, 99, .	1.1	16
18	Magnetic moment inversion at giant flux jump: dynamical property of critical state in type-II superconductors. Scientific Reports, 2019, 9, 6233.	1.6	3

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19	Magnetic and Structural Properties of ZnO Implanted with Co, Kr, and Ar Ions. Acta Physica Polonica A, 2019, 136, 628-632.	0.2	1
20	Superconducting selenides intercalated with organic molecules: synthesis, crystal structure, electric and magnetic properties, superconducting properties, and phase separation in iron based-chalcogenides and hybrid organic-inorganic superconductors. Journal of Physics Condensed Matter, 2018, 30, 243001. not associated with magnification reversal in the weak ferromagnet	0.7	11
21	Exchange bias effect and Griffiths phase coexistence in the disordered cobaltite LuF_2O_3 . Exchange bias effect and Griffiths phase coexistence in the disordered cobaltite	1.1	30
22	Common exchange-biased spin switching mechanism in orthoferrites. Physical Review B, 2018, 98, .	1.1	12
23	Highly Efficient Tuning of Ferromagnetic Spin Interactions in High-Spin Arylamine Structures by Incorporation of Spin Bearing Carbazole Units. Journal of Physical Chemistry B, 2018, 122, 9584-9591.	1.2	4
24	Structural, magnetic, and magnetocaloric properties of Fe_7Se_8 single crystals. Journal of Applied Physics, 2018, 124, .	1.1	15
25	Local microscopic properties and annealing effect of $\text{Rb}_0.85\text{Fe}_{1.9}\text{Se}_2$ single crystals. Journal of Physics Condensed Matter, 2017, 29, 145604.	0.7	0
26	Towards enhancing spin states in doped arylamine compounds through extended planarity of the spin coupling moieties. Journal of Materials Chemistry C, 2017, 5, 6563-6569.	2.7	5
27	Doping-Dependent Magnetism and Exchange Bias in $\text{CaMn}_{1-x}\text{Re}_x\text{O}_3$. IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	2
28	Robust random telegraph conductivity noise in single crystals of the ferromagnetic insulating manganite $\text{La}_{0.86}\text{Ca}_{0.14}\text{MnO}_3$. Physical Review B, 2017, 95, .	1.1	8
29	Exchange bias effect in $\text{CaMn}_{1-x}\text{Re}_x\text{O}_3$. AIP Advances, 2017, 7, 055801.	0.6	2
30	The magnetic properties of C-Ni carbon-metal complexes. Low Temperature Physics, 2017, 43, 625-630.	0.2	2
31	Impact of organic capping layer on the magnetic anisotropy of ultrathin Co films. Journal Physics D: Applied Physics, 2017, 50, 485002.	1.3	2
32	Phase transitions and magnetic properties of LuF_2O_3 under pressure. Physical Review B, 2017, 96, .	1.1	4
33	Superconducting order parameter fluctuations in NbN/NiCu and NbTiN/NiCu bilayer nanostripes for photon detection. , 2017, , .		0
34	Competing exchange bias and field-induced ferromagnetism in La-doped BaFe_2O_7 . Physical Review B, 2017, 95, .	1.1	16
35	Formation of metastable cubic phase in $\text{Ce}_{100-x}\text{Al}_x$ ($x=45, 50$) alloys and their thermal and magnetic properties. Journal of Magnetism and Magnetic Materials, 2017, 421, 82-85.	1.0	2

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37	Microstructural and transport properties of superconducting FeTe _{0.65} Se _{0.35} crystals. Superconductor Science and Technology, 2017, 30, 015018.	1.8	13
38	Dynamics of trapped magnetic flux in superconducting FeTe _{0.65} Se _{0.35} . Low Temperature Physics, 2017, 43, 1181-1184.	0.2	1
39	Superconducting Fluctuations and Magnetic Properties of NbN/NiCu and NbTiN/NiCu Bilayer Nanostructures for Photon Detection. , 2017, , .		1
40	Magnetic properties of (Nd,Ca)(Ba,La)Co ₂ O ₅ +f tuned by the site-selected charge doping, oxygen disorder, and hydrostatic pressure. Physical Review Materials, 2017, 1, .	0.9	1
41	Exchange bias training effect in phase separated polycrystalline Sm _{0.1} Ca _{0.7} Sr _{0.2} MnO ₃ . Materials Chemistry and Physics, 2016, 184, 49-56.	2.0	7
42	Exchange-bias reversal in magnetically compensated ErFeO ₃ crystal. Physical Review B, 2016, 93, .	1.1	42
43	Superconductivity in alkali metal intercalated iron selenides. Journal of Physics Condensed Matter, 2016, 28, 293002.	0.7	28
44	High frequency cut-off in 1/f conductivity noise of hole-doped La _{1-x} Ca _x MnO ₃ manganite single crystals. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 054024.	0.9	1
45	Exchange bias driven by the structural/magnetic transition in Mn-doped SrRuO ₃ . Ceramics International, 2016, 42, 8453-8459.	2.3	7
46	Noise signatures of metastable resistivity states in ferromagnetic insulating manganite. Journal of Applied Physics, 2015, 118, 043903.	1.1	8
47	Impact of charge doping, oxygen disorder and hydrostatic pressure on thermoelectric and magnetic properties of NdBa _{0.94} La _{0.06} Co ₂ O ₅ +f. Journal of Alloys and Compounds, 2015, 645, 223-229.	2.8	3
48	Evolution of magnetic properties of CaMn _{1-x} Nb _x O ₃ with Nb-doping. Journal Physics D: Applied Physics, 2015, 48, 325003.	1.3	6
49	Superconducting and ferromagnetic properties of NbN/NiCu and NbTiN/NiCu bilayer nanostructures for photon detection. Proceedings of SPIE, 2015, , .	0.8	1
50	Exchange bias effect in CaMn _{0.9} Nb _{0.1} O ₃ . Materials Chemistry and Physics, 2015, 164, 170-176.	2.0	1
51	Unconventional exchange bias effect driven by phase separation in basically antiferromagnetic Sm _{0.1} Ca _{0.6} Sr _{0.3} MnO ₃ . Journal of Alloys and Compounds, 2015, 622, 213-218.	2.8	4
52	Structural and magnetic properties of melt-spun Y _{1-x} Gd _x Co ₂ (0 ≤ x ≤ 1) alloys. Journal of Alloys and Compounds, 2015, 618, 258-262.	2.8	5
53	Magnetic and Structural Study of Mn _{1.15} Fe _{0.85} P _{1-x} G _x (0.25 < x < 0.32) Magnetocaloric Compounds Prepared by Arc Melting. Acta Physica Polonica A, 2015, 128, 76-80.	0.2	3
54	Electronic origin of the step-like character of the discharge curve for Na _x CoO _{2-y} cathode. Functional Materials Letters, 2014, 07, 1440009.	0.7	11

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55	Reappearance of Antiferromagnetic Order in Nd _{0.9} Ca _{0.1} BaCo ₂ O _{5+$\hat{\Gamma}$}} for $\hat{\Gamma} > 0.51$. Acta Physica Polonica A, 2014, 126, A-50-A-53.	0.2	1
56	Magnetic field penetration in MgB ₂ single crystals: Pinning and Meissner holes. Low Temperature Physics, 2014, 40, 621-625.	0.2	2
57	Stabilization of antiferromagnetic phase under hydrostatic pressure in layered perovskite cobaltites Nd _{1-x} CaxBaCo ₂ O _{5.5} ($x \in [0, 0.06]$). Journal of Applied Physics, 2014, 116, 013903.	1.1	5
58	Non-equilibrium magnetic properties of Sm _{0.43} Ca _{0.57} MnO ₃ nanoparticles. Journal of Alloys and Compounds, 2014, 602, 204-209.	2.8	1
59	Particle Size Effects on Charge Ordering and Exchange Bias in Nanosized Sm _{0.43} Ca _{0.57} MnO ₃ . Journal of Physical Chemistry C, 2014, 118, 7721-7729.	1.5	13
60	Correlation between electronic and electrochemical properties of Na _x CoO ₂ \cdot y. Solid State Ionics, 2014, 268, 179-184.	1.3	9
61	Doping dependent magnetism and exchange bias in CaMn _{1-x} W _x O ₃ manganites. Journal of Applied Physics, 2014, 116, 093903.	1.1	11
62	Size-dependent magnetism and exchange bias effect in Sm _{0.27} Ca _{0.73} MnO ₃ nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	9
63	Suppression of Ferromagnetic Ordering in thicker co-sputtered Mn doped MgO Films. Materials Research Society Symposia Proceedings, 2013, 1552, 83-88.	0.1	1
64	Pressure-tuned exchange bias and coercivity in Ru-doped CaMnO ₃ . Physical Review B, 2013, 88, .	1.1	17
65	Magnetic dynamic properties of electron-doped La _{0.23} Ca _{0.77} MnO ₃ nanoparticles. Journal of Physics Condensed Matter, 2013, 25, 076004.	0.7	5
66	Irreversibility, remanence, and Griffiths phase in Sm _{0.1} Ca _{0.9} MnO ₃ nanoparticles. Journal of Applied Physics, 2013, 113, .	1.1	18
67	Pressure enhanced ferromagnetism and suppressed exchange bias in La _{0.9} Ba _{0.1} CoO ₃ cobaltite. Journal of Applied Physics, 2013, 114, 153910.	1.1	5
68	Effect of external pressure on T_c of as-grown and thermally treated superconducting Rb _x Fe ₂ Se ₂ single crystals. Physica Status Solidi - Rapid Research Letters, 2013, 7, 218-220.	1.2	2
69	Anomalous Magnetic Behavior of Sm _{0.8} Ca _{0.2} MnO ₃ Nanoparticles. Journal of Nanoscience and Nanotechnology, 2012, 12, 8613-8618.	0.9	1
70	Nanometer Size Effect on Structural and Magnetic Properties of La _{0.2} Ca _{0.8} MnO ₃ . Journal of Nanoscience and Nanotechnology, 2012, 12, 8607-8612.	0.9	3
71	Pressure effect on Bi _{0.4} Ca _{0.6} Mn _{1-x} Ru _x O ₃ manganite: Enhanced ferromagnetism and collapsed exchange bias. Journal of Applied Physics, 2012, 112, .	1.1	8
72	Pressure effect on Bi _{0.4} Ca _{0.6} Mn _{1-x} Ru _x O ₃ manganite: Enhanced ferromagnetism and collapsed exchange bias. Journal of Applied Physics, 2012, 112, .	1.1	6

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73	Superconductivity and magnetism in Rh _x Fe _{1-x} Se ₂ . Physical Review B, 2012, 86, .	1.1	24
74	Vortex lock-in transition coinciding with the 3D to 2D crossover in YBa ₂ Cu ₃ O ₇ . Physical Review B, 2012, 86, .	1.1	0
75	Superconducting properties of L _n FeAsO		



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91	Anisotropic magnetic order of the Eu sublattice in single crystals of $\text{EuFe}_2\text{xCoAs}_2$ ($\text{x}=0,0.2$) studied by means of magnetization and magnetic torque. <i>Physical Review B</i> , 2011, 84, .	1.1	25
92	Phase transitions in single-crystalline magnetoelectric LiCoPO_4 . <i>Physical Review B</i> , 2011, 84, .	1.1	15
93	Rearrangement of the antiferromagnetic ordering at high magnetic fields in SmFeAsO and SmFeAsO .	1.1	22
94	MASSBAUER studies of powdered single crystals of $\text{FeTe}_{0.5}\text{Se}_{0.5}$.	1.1	10
95	Superconductor Science and Technology, 2011, 24, 105010.	1.8	21
96	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.	0.2	4
97	Magnetic properties of $\text{KRE}(\text{WO}_4)_2$ ($\text{RE}=\text{Gd, Yb, Tm}$) single crystals. <i>Physica B: Condensed Matter</i> , 2010, 405, 4886-4891.	1.3	11
98	Irreversibility line and anisotropy of $\text{SmBa}_2\text{Cu}_3\text{O}_{7-\delta}$ with varying oxygen content. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S217-S218.	0.6	1
99	Bulk superconductivity at 2.6 K in undoped RbFe_2As_2 . <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S328-S329.	0.6	36
100	Influence of the Y211 phase on anisotropic transport properties and vortex dynamics of the melt-textured Y123/Y211 composites. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, S1009-S1010.	0.6	5
101	Magnetotransport properties of ferromagnetic LaMnO_3 nano-sized crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1311-1314.	1.0	17
102	High magnetic-field scales and critical currents in $\text{SmFeAs}(\text{O},\text{F})$ crystals. <i>Nature Materials</i> , 2010, 9, 628-633.	13.3	125
103	Anisotropy of the superconducting state parameters and intrinsic pinning in low-level Pr-doped $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals. <i>Superconductor Science and Technology</i> , 2010, 23, 065001.	1.8	12
104	Spin-glass-like properties of $\text{La}_{1-x}\text{Pr}_x\text{FeAsO}$ ensembles. <i>Physical Review B</i> , 2010, 81, .	1.1	68
105	Size-dependent spin state and ferromagnetism in $\text{La}_{0.8}\text{Ca}_{0.2}\text{CoO}_3$ nanoparticles. <i>Journal of Applied Physics</i> , 2010, 108, 063907.	1.1	17
106	Influence of Mg deficiency on crystal structure and superconducting properties in MgB_2 crystals. <i>Physical Review B</i> , 2010, 81, .	1.1	22
107	Anisotropic superconducting properties of single-crystalline $\text{FeSe}_{0.5}\text{Te}_{0.5}$. <i>Physical Review B</i> , 2010, 81, .	1.1	119
108	Evidence for a temperature dependent anisotropy of the superconducting state parameters in underdoped $\text{SmBa}_2\text{Cu}_3\text{O}_{7-\delta}$. <i>Physical Review B</i> , 2010, 82, .	1.1	10

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109	Contact superconductivity in In _{1-x} PbTe junctions. Journal of Applied Physics, 2010, 108, 053714.	1.1	14
110	Field-dependent superfluid density in the optimally doped SmFeAsO _{1-x} F _y superconductor. Europhysics Letters, 2010, 91, 47005.	0.7	7
111	Size effect on the magnetic properties of antiferromagnetic La _{1-x} Physical Review B, 2010, 81, .	1.1	61
112	Th-substituted SmFeAsO: Structural details and superconductivity with T _c above 50 K. Physical Review B, 2010, 82, .	1.1	52
113	Size-driven magnetic transitions in La _{1/3} Ca _{2/3} MnO ₃ nanoparticles. Journal of Applied Physics, 2010, 108, .	1.1	18
114	Structure and Superconductivity of FeSe _{1-x} and FeTe _{1-y} Se _y Crystals: Dependence on the Synthesis Methods, Starting Composition, and Growth Conditions. Acta Physica Polonica A, 2010, 118, 331-335.	0.2	3
115	Pressure effect on magnetic and structural properties of LaPhysical Review B, 2009, 79, .	1.1	17
116	Superconducting state parameters, pinning centres and their effectiveness for Y _{1-x} Pr _x Ba ₂ Cu ₃ O _{7-δ} single crystals with low Pr contents. Superconductor Science and Technology, 2009, 22, 105008.	1.8	1
117	Field Dependence of the Refrigerant Capacity for La _{0.6} Ca _{0.4} MnO ₃ Manganite. Solid State Phenomena, 2009, 154, 163-168.	0.3	1
118	Effect of Pr doping on the growth and superconducting properties of (Y _{1-x} Pr _x)Ba ₂ Cu ₃ O _{7-δ} . Superconductor Science and Technology, 2009, 22, 015001.	1.8	14
119	Single crystals of LnFeAsO _{1-x} F _x (Ln=La, Pr, Nd, Sm, Gd) and Ba _{1-x} Rb _x Fe ₂ As ₂ : Growth, structure and superconducting properties. Physica C: Superconductivity and Its Applications, 2009, 469, 370-380.	0.6	120
120	Anisotropy of Superconducting Single Crystal SmFeAsO _{0.8} F _{0.2} Studied by Torque Magnetometry. Journal of Superconductivity and Novel Magnetism, 2009, 22, 325-329.	0.8	55
121	Evidence for Two Distinct Anisotropies in the Oxypnictide Superconductors SmFeAsO _{0.8} F _{0.2} and NdFeAsO _{0.8} F _{0.2} . Journal of Superconductivity and Novel Magnetism, 2009, 22, 347-351.	0.8	51
122	Equal-Channel Multi-Angle Pressing Effect on the Properties of NbTi Alloy. Journal of Superconductivity and Novel Magnetism, 2009, 22, 505-510.	0.8	12
123	Effect of equal-channel multiangular pressing and heat treatment on the properties of an Nb-Ti-based superconductor. Russian Metallurgy (Metally), 2009, 2009, 421-425.	0.1	0
124	Magnetocaloric effect in (La _{0.6} Ca _{0.4}) _{0.9} Mn _{1.1} O ₃ . Physics of the Solid State, 2009, 51, 2090-2094.	0.2	6
125	Superconductivity at 23 K and low anisotropy in Rb-substituted BaFe ₂ As ₂ single crystals. Physical Review B, 2009, 79, .	1.1	56
126	Influence of low-level Pr substitution on the superconducting properties of YBa ₂ Cu ₃ O _{7-δ} single crystals. Journal of Physics: Conference Series, 2009, 150, 052123.	0.3	1

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127	Effect of particle size on magnetic properties of nanoparticles. Superlattices and Microstructures, 2008, 44, 476-482.	1.4	13
128	Magnetic anisotropy of multiferroic HoMn ₂ O ₅ single crystal. Solid State Communications, 2008, 147, 212-216.	0.9	7
129	Pressure effects on magnetic and structural properties of pure and substituted SrRuO_3 . Physical Review B, 2008, 77, .	1.1	12
130	Surface and exchange-bias effects in compacted CaMnO_3 . Physical Review B, 2008, 77, .	1.1	60
131	Pressure-induced suppression of ferromagnetic phase in LaCoO ₃ nanoparticles. Journal of Non-Crystalline Solids, 2008, 354, 5204-5206.	1.5	5
132	Size- and pressure-controlled ferromagnetism in LaCoO ₃ nanoparticles. Physical Review B, 2008, 77, .	1.1	46
133	Magnetotransport in granular LaMnO ₃ manganite with nano-sized particles. Journal Physics D: Applied Physics, 2008, 41, 185001.	1.3	29
134	Single crystals of superconducting SmFeAsO _{1-x} F _y grown at high pressure. Journal of Physics Condensed Matter, 2008, 20, 342202.	0.7	119
135	The appearance of superconductivity in GaP and GaAs samples highly doped with Cr. Superconductor Science and Technology, 2008, 21, 065019.	1.8	12
136	Magnetic properties of Bi _{0.5} Sr _{0.5} FexMn _{1-x} O ₃ ($x=0.7$). Journal of Applied Physics, 2008, 103, .	1.1	9
137	Metastable diamagnetic response of 20nm La _{1-x} MnO ₃ particles. Physical Review B, 2008, 77, .	1.1	10
138	Lattice distortion effect on structure and on spin ordering of Mn ions in La _{1-x} NdxMnO ₃ manganites. Physical Review B, 2008, 77, .	1.1	8
139	Magnetic properties of electron doped Sm _{0.1} Ca _{0.9-y} BayMnO ₃ (y=0.02, 0.06) manganites: Pressure effects on competitive ferromagnetic and antiferromagnetic interactions. Journal of Applied Physics, 2008, 104, 043921.	1.1	5
140	MgB_2 crystals substituted with Li and with Li-C: Structural and superconducting properties. Physical Review B, 2008, 77, .	1.1	26
141	Influence of combined deformation and heat treatment on the superconducting properties of a niobium-titanium alloy. Low Temperature Physics, 2008, 34, 606-609.	0.2	5
142	Magnetic and transport properties of Bi _{0.5} Sr _{0.5} FexMn _{1-x} O ₃ . AIP Conference Proceedings, 2007, , .	0.3	0
143	Comparison of the influence of carbon substitution and neutron-induced defects on the upper critical field and flux pinning in MgB ₂ single crystals. Superconductor Science and Technology, 2007, 20, 256-260.	1.8	10
144	Magnetic properties of nanocrystalline La _{1-x} MnO ₃ manganites: size effects. Journal of Physics Condensed Matter, 2007, 19, 346210.	0.7	44

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145	Single crystals of MgB ₂ : Synthesis, substitutions and properties. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 456, 3-13.	0.6	74
146	Superconductivity in the \hat{I}^2 -pyrochlore osmates. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 62-65.	0.6	3
147	Anisotropic upper critical field of chemically substituted MgB ₂ single crystals studied by torque magnetometry. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 616-617.	0.6	0
148	Pressure effect on magnetism in phase-separated Cr-doped Pr _{0.5} Ca _{0.5} Mn $1-\hat{x}$ Cr x O ₃ manganites. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e636-e639.	1.0	5
149	Anisotropy of the lower and of the upper critical fields in Mg $1-\hat{x}$ Al x B ₂ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 2007, 460-462, 614-615.	0.6	1
150	Influence of Hydrostatic Pressure on Magnetic Properties of (Sr,La)(Ru,Cr,Mn)O ₃ . <i>Acta Physica Polonica A</i> , 2007, 111, 159-163.	0.2	4
151	Instability of magnetism in Pr _{0.5} Ca _{0.5} Mn $1-\hat{x}$ Cr x O ₃ ($x=0.015,0.03$): Competition between pressure and thermal cycling effects. <i>Physical Review B</i> , 2006, 73, .	1.1	20
152	Structural and magnetic properties of La $1-\hat{x}$ Pr x MnO ₃ + \hat{I} ($0\hat{\alpha}\hat{\alpha}1/2\hat{x}\hat{\alpha}1/21.0$). <i>Physical Review B</i> , 2006, 74, .	1.1	30
153	Pressure effect on the magnetic properties of electron-doped Sm _{0.1} Ca _{0.9} \hat{y} Sr y MnO ₃ ($y= 0\hat{\alpha}\hat{\alpha}0.3$) manganites. <i>Journal of Physics Condensed Matter</i> , 2006, 18, 9201-9214.	0.7	9
154	Interplay between itinerant and localized states in CaMn $1-\hat{x}$ Ru x O ₃ ($\hat{x}\hat{\alpha}1/20.5$) manganites. <i>Physical Review B</i> , 2006, 73, .	1.1	16
155	Volume expansion contribution to the magnetism of atomically disordered intermetallic alloys. <i>Physical Review B</i> , 2006, 74, .	1.1	59
156	Strong magnetic pair breaking in Mn-substituted MgB ₂ single crystals. <i>Physical Review B</i> , 2006, 73, .	1.1	48
157	Metastable diamagnetism in the manganite Sm _{0.1} Ca _{0.84} Sr _{0.06} MnO ₃ . <i>Physical Review B</i> , 2006, 74, .	1.1	7
158	Influence of Pressure on Magnetic Properties of La _{1-x} Sr _x CoO _{3-\hat{I}} ($x=0.5, 0.67, 1$). <i>Acta Physica Polonica A</i> , 2006, 109, 527-532.	0.2	2
159	Pressure-induced suppression of ferromagnetic phase and conduction in CaMn $1-\hat{x}$ Ru x O ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 898-901.	1.0	2
160	Magnetic properties of superconducting HgBa ₂ CuO ₄ + \hat{I} single crystals in the overdoped state before and after particle irradiation. <i>Physica C: Superconductivity and Its Applications</i> , 2005, 418, 73-86.	0.6	9
161	Effect of preparation conditions on superconducting properties of (Bi,Pb)-Sr-Ca-Cu-O glass-ceramics. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2005, 2, 1674-1679.	0.8	1
162	Magnetic and transport properties of Bi _{0.5} Ca _{0.5} Fe x Mn $1-\hat{x}$ O ₃ ($0\hat{\alpha}\hat{\alpha}0.6$). <i>Journal of Physics Condensed Matter</i> , 2005, 17, 4319-4332.	0.7	26

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163	Pressure effects on magnetic and transport properties of electron-doped $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x=0.8,0.9$). Physical Review B, 2005, 71, .	1.1	17
164	Al substitution in MgB_2 crystals: Influence on superconducting and structural properties. Physical Review B, 2005, 71, .	1.1	110
165	Pressure effects on the magnetic and transport properties of $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ crystals near the percolation threshold. Physical Review B, 2005, 71, .	1.1	36
166	Carbon substitution in MgB_2 single crystals: Structural and superconducting properties. Physical Review B, 2005, 71, .	1.1	226
167	Pressure-tuned spin state and ferromagnetism in $\text{La}_{1-x}\text{M}_x\text{CoO}_3$ ($M=\text{Ca},\text{Sr}$). Physical Review B, 2005, 71, .	1.1	57
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