Roman Puzniak

List of Publications by Year in descending order

262 papers	4,756 citations	101384 36 h-index	128067 60 g-index
264 all docs	264 docs citations	264 times ranked	3469 citing authors

#	Article	IF	Citations
1	Temperature and Field Dependence of the Anisotropy ofMgB2. Physical Review Letters, 2002, 88, 167004.	2.9	275
2	Critical currents near 106 A cm-2 at 77 K in neutron-irradiated single-crystal YBa2Cu3O7. Nature, 1989, 342, 55-57.	13.7	234
3	Carbon substitution inMgB2single crystals:â€ƒStructural and superconducting properties. Physical Review B, 2005, 71, .	1.1	226
4	High magnetic-field scales and critical currents in SmFeAs(O,ÂF) crystals. Nature Materials, 2010, 9, 628-633.	13.3	125
5	Single crystals of LnFeAsO1â^'xFx (Ln=La, Pr, Nd, Sm, Gd) and Ba1â^'xRbxFe2As2: Growth, structure and superconducting properties. Physica C: Superconductivity and Its Applications, 2009, 469, 370-380.	0.6	120
6	Single crystals of superconducting SmFeAsO_{1â^'x}F_ygrown at high pressure. Journal of Physics Condensed Matter, 2008, 20, 342202.	0.7	119
7	Anisotropic superconducting properties of single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeSe</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn> Physical Review B, 2010, 81, .	1.1	119
8	Al substitution inMgB2crystals: Influence on superconducting and structural properties. Physical Review B, 2005, 71, .	1.1	110
9	Spin-glass-like properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.8</mml:mn> ensembles. Physical Review B, 2010, 81, .	1.1	98
10	MgB2single crystals: high pressure growth and physical properties. Superconductor Science and Technology, 2003, 16, 221-230.	1.8	86
11	Substitution effect of Zn and Cu in MgB2 on Tc and structure. Solid State Communications, 2001, 119, 1-5.	0.9	81
12	Single crystals of MgB2: Synthesis, substitutions and properties. Physica C: Superconductivity and Its Applications, 2007, 456, 3-13.	0.6	74
13	Magnetic, transport, and electron magnetic resonance properties ofLa0.82Ca0.18MnO3single crystals. Physical Review B, 2002, 65, .	1.1	67
14	Single crystal growth of MgB2 and thermodynamics of Mgâ€“Bâ€“N system at high pressure. Physica C: Superconductivity and Its Applications, 2003, 385, 42-48.	0.6	64
15	High pressure growth and superconducting properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>L</mml:mi><mml:mi>n</mml:mi></mml:mrow></mml:math>FeAsO		

#	Article	IF	Citations
19	Volume expansion contribution to the magnetism of atomically disordered intermetallic alloys. Physical Review B, 2006, 74, .	1.1	59
20	Growth conditions, structure and superconductivity of pure and metal-doped FeTe_{1 â^'x}Se_xsingle crystals. Superconductor Science and Technology, 2011, 24, 065011.	1.8	58
21	Pressure-tuned spin state and ferromagnetism inLa1â^'xMxCoO3(M=Ca,Sr). Physical Review B, 2005, 71, .	1.1	57
22	Superconductivity at 23 K and low anisotropy in Rb-substitutedBaFe2As2single crystals. Physical Review B, 2009, 79, .	1.1	56
23	Anisotropy of Superconducting Single Crystal SmFeAsO0.8F0.2 Studied by Torque Magnetometry. Journal of Superconductivity and Novel Magnetism, 2009, 22, 325-329.	0.8	55
24	Th-substituted SmFeAsO: Structural details and superconductivity with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:mrow></mml:math>above 50 K. Physical Review B, 2010, 82, .	1.1	52
25	Evidence for Two Distinct Anisotropies in the Oxypnictide Superconductors SmFeAsO0.8F0.2 and NdFeAsO0.8F0.2. Journal of Superconductivity and Novel Magnetism, 2009, 22, 347-351.	0.8	51
26	High-pressure synthesis, crystal growth, phase diagrams, structural and magnetic properties of Y2Ba4CunO2n+x, HgBa2Can-1CunO2n+2+deltaand quasi-one-dimensional cuprates. Superconductor Science and Technology, 1999, 12, R153-R181.	1.8	49
27	Strong magnetic pair breaking in Mn-substitutedMgB2single crystals. Physical Review B, 2006, 73, .	1.1	48
28	Size- and pressure-controlled ferromagnetism inLaCoO3nanoparticles. Physical Review B, 2008, 77, .	1.1	46
29	Magnetic properties of nanocrystalline La_{1â^'x}MnO_{3+Î´}manganites: size effects. Journal of Physics Condensed Matter, 2007, 19, 346210.	0.7	44
30	Disorder-induced phase transition of vortex matter inMgB2. Physical Review B, 2003, 67, .	1.1	42
31	Exchange-bias reversal in magnetically compensated<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>ErFe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>single crystal. Physical Review B, 2016, 93, .	1.1	42
32	Flux Jumps and H-T Diagram of Instability for MgB2. Journal of Low Temperature Physics, 2003, 130, 175-191.	0.6	41
33	Microstructural magnetic phases in superconducting FeTe0.65Se0.35. Superconductor Science and Technology, 2012, 25, 065019.	1.8	39
34	High-pressure synthesis and superconducting properties of the oxychloride superconductor(Sr,Ca)3Cu2O4+Î´Cl2â^'y. Physical Review B, 2000, 61, 778-783.	1.1	37
35	Common exchange-biased spin switching mechanism in orthoferrites. Physical Review B, 2018, 98, .	1.1	37
36	Pressure effects on the magnetic and transport properties ofPr1â^'xSrxMnO3crystals near the percolation threshold. Physical Review B, 2005, 71, .	1.1	36

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37	Bulk superconductivity at 2.6 K in undoped RbFe2As2. Physica C: Superconductivity and Its Applications, 2010, 470, S328-S329.	0.6	36
38	Superconducting-state thermodynamic parameters and anisotropy ofHgBa2Canâ^'1CunOyby reversible magnetization measurements. Physical Review B, 1995, 52, 3756-3764.	1.1	34
39	Influence of Re substitution on the flux pinning in (Hg,Re)Ba2Ca2Cu3O8+Î´ single crystals. Physica C: Superconductivity and Its Applications, 1998, 309, 161-169.	0.6	31
40	Evolution of ferromagnetic order inLaMnO3.05single crystals:â€ƒCommon origin of both pressure and self-doping effects. Physical Review B, 2003, 68, .	1.1	31
41	Effect of pressure on magnetic and transport properties ofCaMn1â^'xRuxO3(x=0â€“0.15):â€‚Collapse of ferromagnetic phase inCaMn0.9Ru0.1O3. Physical Review B, 2004, 70, .	1.1	31
42	Structural and magnetic properties ofLa1â^'xPrxMnO3+Î´(0â©½xâ©½1.0). Physical Review B, 2006, 74, .	1.1	30
43	Reversed exchange-bias effect associated with magnetization reversal in the weak ferrimagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LuF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi	1.1	30
44	Magnetic, transport, and electron magnetic resonance properties ofPr0.8Ca0.2MnO3single crystals. Physical Review B, 2003, 68, .	1.1	29
45	Magnetotransport in granular LaMnO_{3+Î´}manganite with nano-sized particles. Journal Physics D: Applied Physics, 2008, 41, 185001.	1.3	29
46	Superconductivity in alkali metal intercalated iron selenides. Journal of Physics Condensed Matter, 2016, 28, 293002.	0.7	28
47	Anisotropy and irreversibility line of iodine intercalated Bi2Sr2CaCu2O8+Î´single crystals. Applied Physics Letters, 1994, 65, 3284-3286.	1.5	27
48	Exchange Bias Effect in La_{0.2}Ca_{0.8}MnO₃ Antiferromagnetic Nanoparticles with Two Ferromagnetic-Like Contributions. Journal of Physical Chemistry C, 2011, 115, 1582-1591.	1.5	27
49	Physical properties of Bi1Ca1Sr1Cu2Ox superconductor obtained by rapid quenching from the melt. Physica C: Superconductivity and Its Applications, 1988, 152, 315-320.	0.6	26
50	Magnetic and transport properties of Bi0.5Ca0.5FexMn1â^'xO3(0â‰¤xâ‰¤0.6). Journal of Physics Condensed Matter, 2005, 17, 4319-4332.	0.7	26
51	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>MgB</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m crystals substituted with Li and with Li-C: Structural and superconducting properties. Physical Review B, 2008, 77, .	1.1	26
52	The influence of fast neutron irradiation on the intra- and intergrain properties of the polycrystalline BiPbSrCaCuO system. Physica C: Superconductivity and Its Applications, 1990, 170, 333-342.	0.6	25
53	Ferromagnetism and metallicity inSm0.2Ca0.8Mn1â^'xRuxO3(x=0â€“0.08):Interplay between Ru doping and hydrostatic pressure. Physical Review B, 2002, 65, .	1.1	25
54	Ferromagnetic state of La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" 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:m <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>CoO<mml:math	1.1	25

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55	Anisotropic magnetic order of the Eu sublattice in single crystals of EuFe2â‹xCoxAs2(x=0,0.2) studied by means of magnetization and magnetic torque. Physical Review B, 2011, 84, .	1.1	25
56	Magnetization measurements on LHC superconducting strands. IEEE Transactions on Applied Superconductivity, 1999, 9, 1763-1766.	1.1	24
57	Effect of pressure on the magnetic and transport properties of the ferrimagnetic semiconductor FeCr2S4. Journal of Applied Physics, 2001, 90, 875-881.	1.1	24
58	Anisotropy of the superconducting state properties and phase diagram of MgB2 by torque magnetometry on single crystals. Physica C: Superconductivity and Its Applications, 2003, 385, 143-153.	0.6	24
59	Superconductivity and magnetism in Rb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â‹</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>: Impa. Physical Review B, 2012, 86, .	1.1	24
60	On the effect of heterovalent substitutions in ruthenocuprates. Physica C: Superconductivity and Its Applications, 2003, 387, 33-39.	0.6	23
61	Large Size and High Performance of a Gdâ€“Baâ€“Cuâ€“O Bulk Superconductor Grown Using New Approaches. Journal of the American Ceramic Society, 2011, 94, 3139-3143.	1.9	23
62	Spin switching and unusual exchange bias in the single-crystalline <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>GdCr</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> compensated ferrimagnet. Physical Review B, 2019, 100, .	1.1	23
63	Influence of Mg deficiency on crystal structure and superconducting properties in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>MgB</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> crystals. Physical Review B, 2010, 81, .	1.1	22
64	Interplay of composition, structure, magnetism, and superconductivity in SmFeAs<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><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:math>P<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi	1.1	22
65	Magnetic, electric and electron magnetic resonance properties of orthorhombic self-doped La1AxMnO3single crystals. Journal of Physics Condensed Matter, 2003, 15, 3985-4000.	0.7	21
66	MÃ¶ssbauer studies of powdered single crystals of FeTe_{0.5}Se_{0.5}. Superconductor Science and Technology, 2011, 24, 105010.	1.8	21
67	Instability of magnetism inPr0.5Ca0.5Mn1â‹xCrxO3(x=0.015,0.03): Competition between pressure and thermal cycling effects. Physical Review B, 2006, 73, .	1.1	20
68	Influence of neutron-irradiation-induced defects on the flux pinning inHgBa2Ca2Cu3O8+xsingle crystals. Physical Review B, 2000, 61, 791-798.	1.1	18
69	Size-driven magnetic transitions in La1/3Ca2/3MnO3 nanoparticles. Journal of Applied Physics, 2010, 108,	1.1	18
70	Rearrangement of the antiferromagnetic ordering at high magnetic fields in SmFeAsO and SmFeAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>9</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.	1.1	18
71	Irreversibility, remanence, and Griffiths phase in Sm0.1Ca0.9MnO3 nanoparticles. Journal of Applied Physics, 2013, 113, .	1.1	18
72	Vacancies at Mn-sites in LaMn1â‹xO3 manganites: Interplay between ferromagnetic interactions and hydrostatic pressure. Journal of Applied Physics, 2004, 95, 7112-7114.	1.1	17

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73	Pressure effects on magnetic and transport properties of electron-dopedLa1âˆ’xCaxMnO3(x=0.8,0.9). Physical Review B, 2005, 71, .	1.1	17
74	Pressure effect on magnetic and structural properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2009, 79, .	1.1	17
75	Magnetotransport properties of ferromagnetic LaMnO3+Î´ nano-sized crystals. Journal of Magnetism and Magnetic Materials, 2010, 322, 1311-1314.	1.0	17
76	Size-dependent spin state and ferromagnetism in La0.8Ca0.2CoO3 nanoparticles. Journal of Applied Physics, 2010, 108, 063907.	1.1	17
77	Pressure-tuned exchange bias and coercivity in Ru-doped CaMnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 88, .	1.1	17
78	Interplay between itinerant and localized states inCaMn1âˆ’xRuxO3(xâ©½0.5)manganites. Physical Review B, 2006, 73, .	1.1	16
79	Pressure-induced enhancement of the superconducting properties of single-crystalline FeTe_{0.5}Se_{0.5}. Journal of Physics Condensed Matter, 2012, 24, 265701.	0.7	16
80	Competing exchange bias and field-induced ferromagnetism in La-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BaFe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	1.1	16
81	Magnetic order in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>ErFe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> single crystals studied by mean-field theory. Physical Review B, 2019, 99, .	1.1	16
82	Phase transitions in single-crystalline magnetoelectric LiCoPO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	1.1	15
83	Structural, magnetic, and magnetocaloric properties of Fe7Se8 single crystals. Journal of Applied Physics, 2018, 124, .	1.1	15
84	Overdoped regime of the high-TcsuperconductorHgBa2CuO4+Î´and the relation between normal and superconducting carrier densities. Physical Review B, 1996, 53, 86-89.	1.1	14
85	Effect of Pr doping on the growth and superconducting properties of (Y_{1âˆ’x}Pr_x)Ba₂Cu₃O_{7âˆ’Î´}. Superconductor Science and Technology, 2009, 22, 015001.	1.8	14
86	Contact superconductivity in Inâ€“PbTe junctions. Journal of Applied Physics, 2010, 108, 053714.	1.1	14
87	Single crystal growth and properties of MgB2 and Mg(B1âˆ’xCx)2. Physica C: Superconductivity and Its Applications, 2004, 408-410, 123-124.	0.6	13
88	Effect of particle size on magnetic properties of nanoparticles. Superlattices and Microstructures, 2008, 44, 476-482.	1.4	13
89	Particle Size Effects on Charge Ordering and Exchange Bias in Nanosized Sm_{0.43}Ca_{0.57}MnO₃. Journal of Physical Chemistry C, 2014, 118, 7721-7729.	1.5	13
90	Microstructural and transport properties of superconducting FeTe0.65Se0.35crystals. Superconductor Science and Technology, 2017, 30, 015018.	1.8	13

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91	Effects of irradiation â€" fast neutrons and implantation on sintered YBaCuO superconductors. Physica C: Superconductivity and Its Applications, 1988, 153-155, 347-348.	0.6	12
92	Pressure effects on magnetic and structural properties of pure and substituted<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>SrRuO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2008, 77, .	1.1	12
93	The appearance of superconductivity in GaP and GaAs samples highly doped with Cr. Superconductor Science and Technology, 2008, 21, 065019.	1.8	12
94	Equal-Channel Multi-Angle Pressing Effect onÂtheÂProperties ofÂNbTi Alloy. Journal of Superconductivity and Novel Magnetism, 2009, 22, 505-510.	0.8	12
95	Anisotropy of the superconducting state parameters and intrinsic pinning in low-level Pr-doped Y Ba₂Cu₃O_{7â^'Î´}single crystals. Superconductor Science and Technology, 2010, 23, 065001.	1.8	12
96	Magnetic properties of electron-doped La0.23Ca0.77MnO3 nanoparticles. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	12
97	Magnetic properties of Sm0.1Ca0.9MnO3 nanoparticles. Journal of Applied Physics, 2012, 112, 063921.	1.1	12
98	Exchange bias effect and Griffiths phase coexistence in the disordered cobaltite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">G</mml:mi><mml:msub><mml:mi mathvariant="normal">d</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi>Co</mml:mi><mml:msu	1.1	12
99	Magnetic properties of KRE(WO4)2 (RE=Gd, Yb, Tm) single crystals. Physica B: Condensed Matter, 2010, 405, 4886-4891.	1.3	11
100	Nanometer Size Effect on Magnetic Properties of Sm_{0.8}Ca_{0.2}MnO₃ Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 435-447.	1.5	11
101	Electronic origin of the step-like character of the discharge curve for Na_xCoO_{2-y} cathode. Functional Materials Letters, 2014, 07, 1440009.	0.7	11
102	Doping dependent magnetism and exchange bias in CaMn1â^'xWxO3manganites. Journal of Applied Physics, 2014, 116, 093903.	1.1	11
103	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.	0.7	11
104	Temperature-driven spin switching and exchange bias in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ErFeO</mml:mi><mml:mn>3</mml:mn></mml:msub></m ferrimagnet. Physical Review B, 2022, 105, .	1.1	11
105	Comparison of the influence of carbon substitution and neutron-induced defects on the upper critical field and flux pinning in MgB2single crystals. Superconductor Science and Technology, 2007, 20, 256-260.	1.8	10
106	Metastable diamagnetic response of20nmLa1â^'xMnO3particles. Physical Review B, 2008, 77, .	1.1	10
107	Evidence for a temperature dependent anisotropy of the superconducting state parameters in underdoped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>SmBa</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>Physical Review B, 2010, 82, .	1.1	10
108	MgB2 and Mg1â^'xAlxB2 single crystals: high pressure growth and physical properties. Physica C: Superconductivity and Its Applications, 2004, 408-410, 81-82.	0.6	9

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109	Magnetic properties of superconducting HgBa2CuO4+Î´ single crystals in the overdoped state before and after particle irradiation. Physica C: Superconductivity and Its Applications, 2005, 418, 73-86.	0.6	9
110	Pressure effect on the magnetic properties of electron-doped Sm0.1Ca0.9â^'ySryMnO3(y= 0â€“0.3) manganites. Journal of Physics Condensed Matter, 2006, 18, 9201-9214.	0.7	9
111	Magnetic properties of Bi0.5Sr0.5FexMn1â^'xO3â€^(â©½xâ©½0.7). Journal of Applied Physics, 2008, 103, .	1.1	9
112	Magnetic torque study of the temperature-dependent anisotropy parameter in overdoped superconducting single-crystal YBa<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Cu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Ma	1.1	9
113	Magnetic behaviour of interacting antiferromagnetic nanoparticles. Journal of Physics Condensed Matter, 2012, 24, 266001.	0.7	9
114	Size-dependent magnetism and exchange bias effect in Sm0.27Ca0.73MnO3 nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	9
115	Correlation between electronic and electrochemical properties of NaxCoO2â^'y. Solid State Ionics, 2014, 268, 179-184.	1.3	9
116	Pressure-tuned spin switching in compensated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>GdCr</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> ferrimagnet. Physical Review B, 2021, 103, .	1.1	9
117	Effects of roomâ€temperature pressure cycling on the critical currents in a YBa2Cu3O7â^'Î´superconductor. Journal of Applied Physics, 1989, 65, 4344-4348.	1.1	8
118	Magnetic properties of ternary Coâ€Bâ€C melt spun alloys amorphized over an extended concentration range. Journal of Applied Physics, 1992, 71, 5585-5590.	1.1	8
119	Superconducting-state thermodynamic parameters of HgBa2Can-1CunOy (n=1, 2, and 3). Physica C: Superconductivity and Its Applications, 1994, 233, 21-29.	0.6	8
120	Anisotropy of Bi-2212 superconducting crystals. Superconductor Science and Technology, 1998, 11, 1115-1117.	1.8	8
121	Critical currents and order-disorder phase transition in the vortex states ofYBa2Cu4O8with chemically introduced disorder. Physical Review B, 2002, 65, .	1.1	8
122	Lattice distortion effect on structure and on spin ordering of Mn ions inLa1â^'xNdxMnO3+Î´manganites. Physical Review B, 2008, 77, .	1.1	8
123	Mixed state ofLa1.83Sr0.17CuO4studied by means of muon-spin rotation and magnetization experiments in a low magnetic field. Physical Review B, 2011, 84, .	1.1	8
124	Magnetic-field tuned anisotropy in superconducting Rb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^'</mml:mo><mml:mi>y</mml:mi></mml:mrow></mml:msub></mml:math>Se<mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	8
125	Pressure-induced exchange bias effect in phase-separated CaMn0.9Ru0.1O3. Journal of Applied Physics, 2012, 111, 113908.	1.1	8
126	Growth condition related orientation transition for YBa2Cu3O7â^'Î´ films on NdGaO3 substrate. Journal of Crystal Growth, 2012, 347, 82-87.	0.7	8

#	Article	IF	Citations
127	Noise signatures of metastable resistivity states in ferromagnetic insulating manganite. Journal of Applied Physics, 2015, 118, 043903.	1.1	8
128	Robust random telegraph conductivity noise in single crystals of the ferromagnetic insulating manganite La0.86Ca0.14MnO3. Physical Review B, 2017, 95, .	1.1	8
129	Neutron irradiation and critical current enhancement in BI and Y-based superconductors. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2361-2362.	0.6	7
130	Enhancement of critical current density in fast neutron irradiated melt-textured YBa2Cu3O7-x. Cryogenics, 1993, 33, 261-265.	0.9	7
131	Metastable diamagnetism in the manganiteSm0.1Ca0.84Sr0.06MnO3. Physical Review B, 2006, 74, .	1.1	7
132	Magnetic anisotropy of multiferroic HoMn2O5 single crystal. Solid State Communications, 2008, 147, 212-216.	0.9	7
133	Field-dependent superfluid density in the optimally doped SmFeAsO _{1-x} F _y superconductor. Europhysics Letters, 2010, 91, 47005.	0.7	7
134	Exchange bias training effect in phase separated polycrystalline Sm0.1Ca0.7Sr0.2MnO3. Materials Chemistry and Physics, 2016, 184, 49-56.	2.0	7
135	Exchange bias driven by the structural/magnetic transition in Mn-doped SrRuO3. Ceramics International, 2016, 42, 8453-8459.	2.3	7
136	Magnetic susceptibility and phase transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LiNiPO</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2019, 99, .	1.1	7
137	Magnetic excitations and the temperature dependence of the saturation susceptibility in the amorphous alloy Fe84B16. Journal of Physics F: Metal Physics, 1987, 17, 1437-1444.	1.6	6
138	Magnetization studies of the influence of fast neutron irradiation on critical current density of meltâ€textured YBa2Cu3O7âˆ’x. Applied Physics Letters, 1992, 61, 2102-2104.	1.5	6
139	Magnetocaloric effect in (La0.6Ca0.4)0.9Mn1.1O3. Physics of the Solid State, 2009, 51, 2090-2094.	0.2	6
140	Glassy Behavior of La0.8Ca0.2MnO3 Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2011, 24, 861-865.	0.8	6
141	Pressure effect on Bi0.4Ca0.6Mn1âˆ’xRuxO3 manganite: Enhanced ferromagnetism and collapsed exchange bias. Journal of Applied Physics, 2012, 112, .	1.1	6
142	Evolution of magnetic properties of CaMn1âˆ’xNbxO3with Nb-doping. Journal Physics D: Applied Physics, 2015, 48, 325003.	1.3	6
143	Anomalies of the dependence of the magnetic properties on the chemical composition in amorphous Fe-Si-B alloys. Journal of Magnetism and Magnetic Materials, 1984, 41, 188-190.	1.0	5
144	Influence of strontium on superconducting and magnetic properties of DyBa2âˆ’xSrxCu3O7âˆ’Î´. Physica C: Superconductivity and Its Applications, 1994, 225, 51-58.	0.6	5

#	Article	IF	Citations
145	Temperature dependence of superconducting carrier density and effective mass in HgBa2Canâ^'1CunOy. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1459-1460.	0.6	5
146	Different path of pressure-induced oxygen ordering and disordering processes in YBa2Cu3O6+x near a metal-insulator transition. Physics of the Solid State, 1998, 40, 1783-1787.	0.2	5
147	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 909-913.	0.6	5
148	Pressure effect on magnetism in phase-separated Cr-doped Pr0.5Ca0.5Mn1â^'xCrxO3 manganites. Journal of Magnetism and Magnetic Materials, 2007, 316, e636-e639.	1.0	5
149	Pressure-induced suppression of ferromagnetic phase in LaCoO3 nanoparticles. Journal of Non-Crystalline Solids, 2008, 354, 5204-5206.	1.5	5
150	Magnetic properties of electron doped Sm0.1Ca0.9â^'yBayMnO3 (y=0.02,â€,0.06) manganites: Pressure effects on competitive ferromagnetic and antiferromagnetic interactions. Journal of Applied Physics, 2008, 104, 043921.	1.1	5
151	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
152	Influence of the Y211 phase on anisotropic transport properties and vortex dynamics of the melt-textured Y123/Y211 composites. Physica C: Superconductivity and Its Applications, 2010, 470, S1009-S1010.	0.6	5
153	Magnetic dynamic properties of electron-doped La0.23Ca0.77MnO3nanoparticles. Journal of Physics Condensed Matter, 2013, 25, 076004.	0.7	5
154	Pressure enhanced ferromagnetism and suppressed exchange bias in La0.9Ba0.1CoO3 cobaltite. Journal of Applied Physics, 2013, 114, 153910.	1.1	5
155	Stabilization of antiferromagnetic phase under hydrostatic pressure in layered perovskite cobaltites Nd1-xCaxBaCo2O5.5 (xâ€‰=â€‰0â€“0.06). Journal of Applied Physics, 2014, 116, 013903.	1.1	5
156	Structural and magnetic properties of melt-spun Y1â^'Gd Co2 (0 â©½xâ©½ 1) alloys. Journal of Alloys and Compounds, 2015, 618, 258-262.	2.8	5
157	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
158	Magnetic excitation in Co-based amorphous ferromagnets. IEEE Transactions on Magnetics, 1988, 24, 1767-1769.	1.2	4
159	Flux pinning in HgBa2Ca2Cu3O8+x single crystals. European Physical Journal D, 1996, 46, 1649-1650.	0.4	4
160	(Hg,Pb)(Ba,Sr)2Ca2Cu3O8+Î´ single crystals: Influence of Sr substitutions on structure, hole concentration in CuO2 planes and irreversibility line. Physica C: Superconductivity and Its Applications, 2000, 341-348, 421-424.	0.6	4
161	Relation between oxygen hopping activation energy and unit-cell volume for strongly underdopedRBa2Cu3Ox(R=Y,Nd,La). Physical Review B, 2002, 66, .	1.1	4
162	Effects of neutron and electron irradiation on superconducting HgBa2CuO4+Î´ single crystals. Physica C: Superconductivity and Its Applications, 2004, 408-410, 30-31.	0.6	4

#	Article	IF	Citations
163	Effect of deformation and heat treatment with equal-channel, multiple-angle pressing on the superconducting properties of NbTi alloy. Low Temperature Physics, 2010, 36, 1045-1048.	0.2	4
164	Unconventional exchange bias effect driven by phase separation in basically antiferromagnetic Sm0.1Ca0.6Sr0.3MnO3. Journal of Alloys and Compounds, 2015, 622, 213-218.	2.8	4
165	Phase transitions and magnetic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>LuF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> under pressure. Physical Review B, 2017, 96, .	1.1	4
166	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
167	Influence of Hydrostatic Pressure on Magnetic Properties of (Sr,La)(Ru,Cr,Mn)O₃. Acta Physica Polonica A, 2007, 111, 159-163.	0.2	4
168	Combined pressure and magnetic-field induced caloric effects in Fe7Se8 single crystals. Journal of Magnetism and Magnetic Materials, 2022, 543, 168626.	1.0	4
169	High field susceptibility of Co-based amorphous ferromagnets. Journal of Magnetism and Magnetic Materials, 1991, 101, 3-5.	1.0	3
170	Field and temperature dependences of anisotropic magnetic susceptibility of CaNdAlO/sub 4/ crystal. IEEE Transactions on Magnetics, 1994, 30, 1012-1014.	1.2	3
171	Flux pinning in fast neutron irradiated melt-textured YBCO samples. Physica B: Condensed Matter, 1994, 194-196, 1909-1910.	1.3	3
172	Irreversibility lines of HgBa2CuO4+Î´ with different oxygen contents. Physica C: Superconductivity and Its Applications, 1994, 235-240, 2759-2760.	0.6	3
173	Magnetism and superconductivity in RBaSrCuO (R î—» Gd, Dy). Journal of Magnetism and Magnetic Materials, 1995, 140-144, 1331-1332.	1.0	3
174	Pinning influence on high-field reversible magnetization inBi2Sr2CaCu2O8+Î´single crystals. Physical Review B, 1995, 52, R7042-R7045.	1.1	3
175	Effects of fast neutron irradiation on Jc and microstructure of PMP-processed YBCO. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1607-1608.	0.6	3
176	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 735-739.	0.6	3
177	Comment on â€œSuperconducting anisotropy and evidence for intrinsic pinning in single crystallineMgB2â€• Physical Review B, 2004, 70, .	1.1	3
178	Superconductivity in the Î²-pyrochlore osmates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 62-65.	0.6	3
179	Nanometer Size Effect on Structural and Magnetic Properties of La0.2Ca0.8MnO3. Journal of Nanoscience and Nanotechnology, 2012, 12, 8607-8612.	0.9	3
180	Impact of charge doping, oxygen disorder and hydrostatic pressure on thermoelectric and magnetic properties of NdBa0.94La0.06Co2O5+Î´. Journal of Alloys and Compounds, 2015, 645, 223-229.	2.8	3

#	Article	IF	Citations
181	Magnetic moment inversion at giant flux jump: dynamical property of critical state in type-II superconductors. Scientific Reports, 2019, 9, 6233.	1.6	3
182	Pressure-induced decay of the Griffiths phase and accompanying exchange-bias collapse in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">G</mml:mi><mml:msub><mml:mi mathvariant="normal">d</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi>Co</mml:mi><mml:msu	1.1	3
183	Enhanced coercivity in SmCo5 magnet subjected to hydrogen treatment. Journal of Alloys and Compounds, 2021, 866, 158272.	2.8	3
184	Structure and Superconductivity of FeSe_{1 - x}and FeTe_{1 - y}Se_yCrystals: Dependence on the Synthesis Methods, Starting Composition, and Growth Conditions. Acta Physica Polonica A, 2010, 118, 331-335.	0.2	3
185	Magnetic and Structural Study of Mn1.15Fe0.85P1-xGex(0.25 < x < 0.32) Magnetocaloric Compounds Prepared by Arc Melting. Acta Physica Polonica A, 2015, 128, 76-80.	0.2	3
186	Anomalous field-dependence of Meissner fraction in bulk and successively pulverized Y Ba Cu O.. Physica C: Superconductivity and Its Applications, 1989, 162-164, 717-718.	0.6	2
187	Flux pinning in HgBa2CuO4+x single crystals. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2161-2162.	0.6	2
188	Pressure-controlled oxygen order and superconductivity in REBaCuO (RE=Y,Nd) near the metalâ€“insulator transition. Physica C: Superconductivity and Its Applications, 1999, 317-318, 532-535.	0.6	2
189	Title is missing!. Journal of Superconductivity and Novel Magnetism, 2000, 13, 877-881.	0.5	2
190	Evolution of lattice parameters during oxygen disordering for underdopedNdBa2Cu3O6.67exhibiting pressure-induced superconductivity. Physical Review B, 2000, 62, 9791-9799.	1.1	2
191	On the magnetic and superconducting properties of Ru[sub 1â^'x]Sr[sub 2]RECu[sub 2+x]O[sub 8â^'d], RE=Gd, Eu, compounds. Journal of Applied Physics, 2002, 91, 7134.	1.1	2
192	Pressure effects on magnetic and transport properties of La0.8Ca0.2MnO3 single crystal. Journal of Magnetism and Magnetic Materials, 2003, 264, 70-74.	1.0	2
193	Magnetic and transport properties of Pr0.8Ca0.2MnO3 crystal. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1792-1793.	1.0	2
194	Pressure-induced suppression of ferromagnetic phase and conduction in CaMn1â^'xRuxO3. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 898-901.	1.0	2
195	Effect of external pressure on T_c of asâ€grown and thermally treated superconducting Rb_x Fe_{2â€“y}Se₂ single crystals. Physica Status Solidi - Rapid Research Letters, 2013, 7, 218-220.	1.2	2
196	Magnetic field penetration in MgB2 single crystals: Pinning and Meissner holes. Low Temperature Physics, 2014, 40, 621-625.	0.2	2
197	Doping-Dependent Magnetism and Exchange Bias in CaMn1â€“<italic>x</italic>Re<italic>x</italic>O3. IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	2
198	Exchange bias effect in CaMn?â^'?Re?O3. AIP Advances, 2017, 7, 055801.	0.6	2

#	Article	IF	Citations
199	The magnetic properties of C-Ni carbon-metal complexes. Low Temperature Physics, 2017, 43, 625-630.	0.2	2
200	Impact of organic capping layer on the magnetic anisotropy of ultrathin Co films. Journal Physics D: Applied Physics, 2017, 50, 485002.	1.3	2
201	Formation of metastable cubic phase in Ce100â^'Al (x=45, 50) alloys and their thermal and magnetic properties. Journal of Magnetism and Magnetic Materials, 2017, 421, 82-85.	1.0	2
202	Anisotropic Magnetic Susceptibility of Neodymium Substituted SrLaAlO₄Crystals. Acta Physica Polonica A, 1994, 85, 633-637.	0.2	2
203	Influence of Pressure on Magnetic Properties of La_{1-x}Sr_xCoO_{3-Î´}(x=0.5, 0.67, 1). Acta Physica Polonica A, 2006, 109, 527-532.	0.2	2
204	Spin-glass-like behavior in SmFeAsO0.8F0.2. Mendeleev Communications, 2022, 32, 305-307.	0.6	2
205	Anomalous temperature dependence of the effective susceptibility exponent in amorphous Feâ€Niâ€Zr alloys (abstract). Journal of Applied Physics, 1987, 61, 4428-4428.	1.1	1
206	Lowâ€temperature magnetic susceptibility of Feâ€B amorphous alloys (abstract). Journal of Applied Physics, 1988, 63, 3397-3397.	1.1	1
207	Magnetization studies of high critical current density YBa2Cu3O7â^'x prepared by powder melting process. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2503-2504.	0.6	1
208	Bulk pinning force density of YBCO superconductors by powder melting process. Superconductor Science and Technology, 1992, 5, S336-S339.	1.8	1
209	Irreversibility line and reversible magnetization for the in-plane magnetic field in Bi2Sr2CaCu2O8+Î´ single crystals. European Physical Journal D, 1996, 46, 1617-1618.	0.4	1
210	Different flux pinning regimes in YBa2Cu4O8 single crystals. European Physical Journal D, 1996, 46, 1651-1652.	0.4	1
211	Improvement of the flux pinning properties of Hg-based single crystals by a substitution of Ba by Sr and Hg by Pb or Re. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1137-1138.	0.6	1
212	Anisotropic properties of MgB2 by torque magnetometry. Physica C: Superconductivity and Its Applications, 2004, 408-410, 88-89.	0.6	1
213	Effect of preparation conditions on superconducting properties of (Bi,Pb)-Sr-Ca-Cu-O glass-ceramics. Physica Status Solidi C: Current Topics in Solid State Physics, 2005, 2, 1674-1679.	0.8	1
214	Anisotropy of the lower and of the upper critical fields in Mg1â^'xAlxB2 single crystals. Physica C: Superconductivity and Its Applications, 2007, 460-462, 614-615.	0.6	1
215	Superconducting state parameters, pinning centres and their effectiveness for Y_{1â^'x}Pr_xBa₂Cu₃O_{7â^'Î´}single crystals with low Pr contents. Superconductor Science and Technology, 2009, 22, 105008.	1.8	1
216	Field Dependence of the Refrigerant Capacity for La_{0.6}Ca_{0.4}MnO₃ Manganite. Solid State Phenomena, 2009, 154, 163-168.	0.3	1

#	Article	IF	Citations
217	Influence of low-level Pr substitution on the superconducting properties of YBa2Cu3O7-Î´single crystals. Journal of Physics: Conference Series, 2009, 150, 052123.	0.3	1
218	Irreversibility line and anisotropy of SmBa2Cu3O7-Î´ with varying oxygen content. Physica C: Superconductivity and Its Applications, 2010, 470, S217-S218.	0.6	1
219	Anomalous Magnetic Behavior of Sm_{0.8}Ca_{0.2}MnO₃ Nanoparticles. Journal of Nanoscience and Nanotechnology, 2012, 12, 8613-8618.	0.9	1
220	Suppression of Ferromagnetic Ordering in thicker co-sputtered Mn doped MgO Films. Materials Research Society Symposia Proceedings, 2013, 1552, 83-88.	0.1	1
221	Reappearance of Antiferromagnetic Order in Nd_{0.9}Ca_{0.1}BaCo_{2}O_{5+Î´} for Î´ > 0.51. Acta Physica Polonica A, 2014, 126, A-50-A-53.	0.2	1
222	Non-equilibrium magnetic properties of Sm0.43Ca0.57MnO3 nanoparticles. Journal of Alloys and Compounds, 2014, 602, 204-209.	2.8	1
223	Superconducting and ferromagnetic properties of NbN/NiCu and NbTiN/NiCu bilayer nanostructures for photon detection. Proceedings of SPIE, 2015, , .	0.8	1
224	Exchange bias effect in CaMn0.9Nb0.1O3. Materials Chemistry and Physics, 2015, 164, 170-176.	2.0	1
225	High frequency cut-off in 1/fconductivity noise of hole-doped La_{1âˆ’x}Ca_xMnO₃manganite single crystals. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 054024.	0.9	1
226	Dynamics of trapped magnetic flux in superconducting FeTe0.65Se0.35. Low Temperature Physics, 2017, 43, 1181-1184.	0.2	1
227	Superconducting Fluctuations and Magnetic Properties of NbN/NiCu and NbTiN/NiCu Bilayer Nanostructures for Photon Detection. , 2017, , .		1
228	Enhancement of superconducting state properties of Fe_{0.994}Ni_{0.007}Te_{0.66}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
229	Bismuth and oxygen valencies and superconducting state properties in Ba1-xKxBiO3 superconductor. Physica B: Condensed Matter, 2020, 591, 412226.	1.3	1
230	Magnetic and Structural Properties of ZnO Implanted with Co, Kr, and Ar Ions. Acta Physica Polonica A, 2019, 136, 628-632.	0.2	1
231	Critical Current Limitations and Irradiation Effects in High-Temperature. Acta Physica Polonica A, 1993, 84, 139-164.	0.2	1
232	Magnetic properties of (Nd,Ca)(Ba,La)Co2O5+Î´ tuned by the site-selected charge doping, oxygen disorder, and hydrostatic pressure. Physical Review Materials, 2017, 1, .	0.9	1
233	Quantum versus classical nature of the low-temperature magnetic phase transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>TbAl</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2022, 105, .		1
234	Multi-Steps Magnetic Flux Entrance/Exit at Thermomagnetic Avalanches in the Plates of Hard Superconductors. Materials, 2022, 15, 2037.	1.3	1

#	Article	IF	Citations
235	Fluxâ€structure relaxation in a Bi2Sr2Ca1Cu2Ox monocrystal (abstract). Journal of Applied Physics, 1990, 67, 4548-4548.	1.1	0
236	Shock wave synthesis and processing of high temperature superconductors with defect microstructures. Bulletin of Materials Science, 1991, 14, 135-142.	0.8	0
237	High-field susceptibility and specific heat of Co-based amorphous ferromagnets. Journal of Magnetism and Magnetic Materials, 1992, 104-107, 113-114.	1.0	0
238	Orientational disorder and critical current enhancement in high-Tc, superconductors. Applied Superconductivity, 1993, 1, 653-666.	0.5	0
239	Magnetic Properties Of Oriented 'on-axis' Rf-sputtered Y/sub 1/ Ba/sub 2/ Cu/sub 3/O/sub 7-x/ Thin Fflms Oftimized To Particle-free Surface Morphology. , 1993, , .		0
240	Magnetic anisotropy in single crystals of Bi2.1Sr1.9Ca1Cu2Ox. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1955-1956.	0.6	0
241	Magnetic studies of flux pinning in YBa 2Cu3O7âˆ' x, YBa 2Cu4O8 and Hg-based single crystals. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 499-501.	1.0	0
242	Flux pinning properties of (Hg,A)(Ba,Sr)2Canâˆ'1CunO2n+2+Î´ (A=Re,Pb; n=1,â€¦,6) single crystals. Physica B: Condensed Matter, 2000, 284-288, 859-860.	1.3	0
243	Flux pinning in YBa2Cu3O7âˆ'x single crystals for magnetic field oriented parallel and perpendicular to the CuO2 planes. Physica B: Condensed Matter, 2000, 284-288, 887-888.	1.3	0
244	X-ray and Raman spectroscopy studies of NdBa2Cu3O6.67 with pressure-induced superconductivity. Physica C: Superconductivity and Its Applications, 2000, 341-348, 441-442.	0.6	0
245	Vortex arrangement and reversible magnetization of Bi2.1Sr1.9Ca1.0Cu2.0Ox single crystals for the in-plane magnetic field. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1071-1072.	0.6	0
246	Magnetic and transport properties of Bi0.5Sr0.5FexMn1âˆ'xO3. AIP Conference Proceedings, 2007, , .	0.3	0
247	Anisotropic upper critical field of chemically substituted MgB2 single crystals studied by torque magnetometry. Physica C: Superconductivity and Its Applications, 2007, 460-462, 616-617.	0.6	0
248	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
249	Vortex lock-in transition coinciding with the 3D to 2D crossover in YBa2Cu3O7. Physical Review B, 2012, 86, .	1.1	0
250	Local microscopic properties and annealing effect of Rb0.85Fe1.9Se2 single crystals. Journal of Physics Condensed Matter, 2017, 29, 145604.	0.7	0
251	Superconducting order parameter fluctuations in NbN/NiCu and NbTiN/NiCu bilayer nanostripes for photon detection. , 2017, , .		0
252	Dynamics of Abrikosovâ€™s Vortex Forced Oscillations: Role of Frequency, Acting Forces and Vortex Parameters. Low Temperature Physics, 2019, 45, 1018-1025.	0.2	0

#	Article	IF	Citations
253	High Pressure Crystal Growth and Properties of Hg-Based Superconductors and One-Dimensional A1â^'x ;CuO2 (A = Sr, Ca, Ba) Cuprates. Lecture Notes in Physics, 2000, , 45-64.	0.3	0
254	Basic Superconducting-State Parameters and Their Influence on the Flux Pinning in Homologous Series HgBa2Canâ^'1CunO2n+2+x. Lecture Notes in Physics, 2000, , 78-90.	0.3	0
255	Comparison of Flux Pinning in Single Crystals and Melt-Textured YBa₂Cu₃O_{7-x}. Acta Physica Polonica A, 2000, 97, 373-376.	0.2	0
256	Magnetism and Superconductivity in Ru1â^'x Sr2RECu2+x O8â^'d (RE=Gd, Eu) and RuSr2Gd1â^'y CeyCu2O8 Compounds. Lecture Notes in Physics, 2002, , 176-193.	0.3	0
257	Vortex Behavior in Bi-2212 Single Crystals for the Magnetic Field Parallel to the CuO2 Planes. , 1998, , 171-174.		0
258	High Pressure Crystal Growth and Properties of Hg-Superconductors and Quasi-One-Dimensional Cuprates. , 1999, , 21-26.		0
259	Magnetic Properties of Heavy Ion Implanted Monocrystalline ZnO. Acta Physica Polonica A, 2022, 141, 123-129.	0.2	0
260	Electrochemical intercalation of alkali metal â€“ Lewis bases adducts into layered structure of iron chalcogenides. Journal of Solid State Chemistry, 2022, 310, 123024.	1.4	0
261	The Impact of Hydrogenation on Structural and Superconducting Properties of FeTe0.65Se0.35 Single Crystals. Materials, 2021, 14, 7900.	1.3	0
262	MAGNETIC PROPERTIES OF Y1Ba2Cu3Ox SUPERCONDUCTOR OBTAINED BY RAPID QUENCHING FROM THE MELT. Journal De Physique Colloque, 1988, 49, C8-2183-C8-2184.	0.2	0