

Marina Putti

List of Publications by Year in descending order

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252
papers

6,464
citations

87723

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70
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all docs

261
docs citations

261
times ranked

4055
citing authors

#	ARTICLE	IF	CITATIONS
1	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
2	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	1.2	367
3	FCC Physics Opportunities. European Physical Journal C, 2019, 79, 1.	1.4	346
4	New Fe-based superconductors: properties relevant for applications. Superconductor Science and Technology, 2010, 23, 034003.	1.8	253
5	High-field superconductivity in alloyed MgB ₂ thin films. Physical Review B, 2005, 71, .	1.1	228
6	T _c = 21 K in epitaxial FeSe _{0.5} Te _{0.5} thin films with biaxial compressive strain. Applied Physics Letters, 2010, 96, .	1.5	189
7	From antiferromagnetism to superconductivity in Fe _{1-x} Co _x B ₂ C. Physical Review B, 2010, 81, .	1.1	118
8	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	1.2	108
9	Effects of Al doping on the normal and superconducting properties of MgB ₂ : A specific heat study. Physical Review B, 2003, 68, .	1.1	105
10	Effects of neutron irradiation on polycrystalline MgB ₂ . Physical Review B, 2006, 73, .	1.1	98
11	Observation of the Crossover from Two-Gap to Single-Gap Superconductivity through Specific Heat Measurements in Neutron-Irradiated MgB ₂ . Physical Review Letters, 2006, 96, 077003.	2.9	90
12	Application potential of Fe-based superconductors. Superconductor Science and Technology, 2015, 28, 114005.	1.8	84
13	A.C. susceptibility and magnetization of high-T _c superconductors: Critical state model for the intergranular region. Physica C: Superconductivity and Its Applications, 1989, 157, 425-430.	0.6	77
14	Critical field of Al-doped MgB ₂ samples: Correlation with the suppression of the γ -band gap. Physical Review B, 2005, 71, .	1.1	76
15	Neutron irradiation of MgB ₂ 11: From the enhancement to the suppression of superconducting properties. Applied Physics Letters, 2005, 86, 112503.	1.5	74
16	Crossover between Aslamazov-Larkin and short-wavelength fluctuation regimes in high-temperature-superconductor conductivity experiments. Physical Review B, 1997, 55, R14745-R14748.	1.1	72
17	Suppression of the Critical Temperature of Superconducting NdFeAs(O _F) Single Crystals by Kondo-Like Defect Sites Induced by γ -Particle Irradiation. Physical Review Letters, 2010, 104, 087002.	2.9	70
18	Magnetic-superconducting phase boundary of SmFeAsO _{1-x} F _x via muon spin rotation: Unified behavior in a pnictide family. Physical Review B, 2009, 80, .	1.1	68

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19	Upper critical field and fluctuation conductivity in the critical regime of doped SmFeAsO. Physical Review B, 2009, 79, .	1.1	68
20	SrTiO ₃ -based metal-insulator-semiconductor heterostructures. Applied Physics Letters, 2001, 78, 2244-2246.	1.5	65
21	Effect of two bands on critical fields in MgB ₂ thin films with various resistivity values. Physical Review B, 2003, 68, .	1.1	63
22	Isoelectronic Ru substitution at the iron site in $\text{SmFe}_{1-x}\text{Ru}_x\text{AsO}$. Physical Review B, 2010, 81, .	1.1	63
23	Radiation effects on MgB ₂ : a review and a comparison with A15 superconductors. Superconductor Science and Technology, 2008, 21, 043001.	1.8	62
24	Synthesis, crystal structure, microstructure, transport and magnetic properties of SmFeAsO and SmFeAs(O _{0.93} F _{0.07}). Superconductor Science and Technology, 2008, 21, 095017.	1.8	60
25	Highly effective and isotropic pinning in epitaxial Fe(Se,Te) thin films grown on CaF ₂ substrates. Applied Physics Letters, 2013, 103, .	1.5	59
26	Enhanced flux pinning in neutron irradiated MgB ₂ . Physical Review B, 2005, 71, .	1.1	58
27	Wave pairing in the optimally doped LaO _{0.5} F _{0.5} BiS ₂ . Physical Review B, 2008, 78, .	1.1	57
28	Effect of grain refinement on enhancing critical current density and upper critical field in undoped MgB ₂ ex situ tapes. Journal of Applied Physics, 2008, 104, .	1.1	55
29	Transport and superconducting properties of Fe-based superconductors: a comparison between SmFeAsO _{1-x} F _x and Fe _{1-y} Te _{1-x} Se _x . Superconductor Science and Technology, 2010, 23, 054001.	1.8	51
30	A new approach for improving global critical current density in Fe(Se _{0.5} Te _{0.5}) polycrystalline materials. Superconductor Science and Technology, 2012, 25, 115018.	1.8	48
31	Tuning of the superconducting properties of FeSe _{0.5} Te _{0.5} thin films through the substrate effect. Superconductor Science and Technology, 2012, 25, 084022.	1.8	48
32	Thermal properties of $\text{SmFeAsO}_{1-x}\text{F}_x$: a probe of the interplay between electrons and phonons. Physical Review B, 2008, 78, .	1.1	46
33	Seebeck effect in $\text{Fe}_{1-x}\text{Ru}_x\text{AsO}$ crystals. Physical Review B, 2009, 80, .	1.1	46
34	As-grown magnesium diboride superconducting thin films deposited by pulsed laser deposition. Superconductor Science and Technology, 2001, 14, 762-764.	1.8	45
35	Two-band effects in the transport properties of MgB ₂ . Superconductor Science and Technology, 2003, 16, 188-192.	1.8	43
36	Critical field of MgB ₂ : Crossover from clean to dirty regimes. Physical Review B, 2004, 70, .	1.1	41

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37	<p> $\frac{1}{\mu_0} \frac{\partial \mathbf{A}}{\partial t} = \mathbf{E}_{\text{ind}}$ </p> <p> $\mathbf{E}_{\text{ind}} = -\nabla \phi - \dot{\mathbf{A}}$ </p> <p> $\mathbf{H} = \nabla \times \mathbf{A}$ </p> <p> $\mathbf{E} = -\nabla \phi - \dot{\mathbf{A}}$ </p> <p> $\mathbf{H} = \nabla \times \mathbf{A}$ </p>		
38	Evidence for electromagnetic granularity in polycrystalline Sm1111 iron-pnictides with enhanced phase purity. Superconductor Science and Technology, 2011, 24, 045010.	1.8	41
39	Magnetotransport in La(Fe,Ru)AsO as a probe of band structure and mobility. Physical Review B, 2011, 84, .	1.1	39
40	Synthesis and physical properties of Ca _{1-x} RE _x FeAs ₂ with RE = La, Gd. Applied Physics Express, 2014, 7, 073102.	1.1	39
41	Phase Diagram for SmFeAs ₂ Tj ETQg ₁ 1 0.784314 rgBT _{2.9}	2.9	38
42	Strong vortex pinning in FeSe _{0.5} Te _{0.5} epitaxial thin film. Applied Physics Letters, 2012, 100, .	1.5	37
43	Coexistence of long-ranged magnetic order and superconductivity in the pnictide superconductor SmFeAsO. Physical Review B, 2009, 80, .	1.1	37
44	Correlated Trends of Coexisting Magnetism and Superconductivity in Optimally Electron-Doped Oxyapnctides. Physical Review Letters, 2011, 107, 227003.	2.9	36
45	Systematic study of disorder induced by neutron irradiation in MgB ₂ thin films. Journal of Applied Physics, 2007, 101, 043903.	1.1	35
46	The CERN FCC Conductor Development Program: A Worldwide Effort for the Future Generation of High-Field Magnets. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-9.	1.1	35
47	Thermal conductivity of a BSCCO(2223) c-oriented tape: a discussion on the origin of the peak. Physica C: Superconductivity and Its Applications, 1997, 273, 314-322.	0.6	34
48	Thermal conductivity of MgB ₂ in the superconducting state. Physical Review B, 2003, 67, .	1.1	34
49	Magnetoconductivity as a probe of disorder in the d bands of MgB ₂ . Physical Review B, 2005, 72, .	1.1	34
50	Thickness effect on the structure and superconductivity of Nd _{1.2} Ba _{1.8} Cu ₃ O _z epitaxial films. Physical Review B, 2005, 72, .	1.1	33
51	Raman spectra of neutron-irradiated and Al-doped MgB ₂ . Physical Review B, 2006, 74, .	1.1	33
52	Transport and infrared properties of SmFeAs(O _{1-x} F _x): from SDW to superconducting ordering. Superconductor Science and Technology, 2009, 22, 034004.	1.8	33
53	High field vortex phase diagram of Fe(Se, Te) thin films. Superconductor Science and Technology, 2014, 27, 044007.	1.8	33
54	Role of the Grain Oxidation in Improving the In-Field Behavior of MgB_2 Ex-Situ Tapes. IEEE Transactions on Applied Superconductivity, 2009, 19, 2718-2721.	1.1	32

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55	Anisotropic critical currents in FeSe _{0.5} Te _{0.5} films and the influence of neutron irradiation. Superconductor Science and Technology, 2011, 24, 065016.	1.8	32
56	Neutron irradiation on MgB ₂ . Physica C: Superconductivity and Its Applications, 2007, 463-465, 211-215.	0.6	31
57	MgB ₂ , a two-gap superconductor for practical applications. MRS Bulletin, 2011, 36, 608-613.	1.7	31
58	Study of the MgB ₂ grain size role in <i>ex situ</i> multifilamentary wires with thin filaments. Superconductor Science and Technology, 2010, 23, 025032.	1.8	30
59	Nanoscale coexistence of magnetic and superconducting states within the FeAs layers of $CeFeAsO_{1-x}F_x$. Physical Review B, 2010, 82, .	1.1	30
60	Synthesis and characterisation of superconducting RuSr ₂ GdCu ₂ O ₈ . Physica C: Superconductivity and Its Applications, 2002, 377, 431-436.	0.6	29
61	High-Energy Ball Milling and Synthesis Temperature Study to Improve Superconducting Properties of MgB_2 Ex-situ Tapes and Wires. IEEE Transactions on Applied Superconductivity, 2009, 19, 2706-2709.	1.1	29
62	Exploring the feasibility of Fe(Se,Te) conductors by <i>ex-situ</i> powder-in-tube method. Journal of Applied Physics, 2015, 117, .	1.1	29
63	On the magnetic behavior of BSCCO(2223) Ag tapes. Physica C: Superconductivity and Its Applications, 1995, 251, 61-70.	0.6	28
64	Intraband vs. interband scattering rate effects in neutron irradiated MgB ₂ . Europhysics Letters, 2007, 77, 57005.	0.7	28
65	Effect of chemical pressure on spin density wave and superconductivity in undoped and 15% F-doped $La_{1-x}F_xFeAsO$. Physical Review B, 2009, 79, .	1.1	28
66	Tetragonal to orthorhombic phase transition in SmFeAsO: A synchrotron powder diffraction investigation. Journal of Alloys and Compounds, 2009, 477, L21-L23.	2.8	28
67	Upper critical fields and critical current densities of Fe-based superconductors as compared to those of other technical superconductors. Physica C: Superconductivity and Its Applications, 2012, 482, 68-73.	0.6	28
68	Role of charge doping and lattice distortions in codoped $Mg_{1-x}(AlLi)_xB_2$ compounds. Physical Review B, 2006, 73, .	1.1	27
69	The optical phonon spectrum of SmFeAsO. Europhysics Letters, 2008, 84, 67013.	0.7	27
70	F NMR study of the coupling between $La_{1-x}F_xFeAsO$ and $La_{1-x}F_xFeAsO$. Physical Review B, 2011, 84, .	1.1	27
71	Long- to short-range magnetic order in fluorine-doped CeFeAsO. Physical Review B, 2011, 84, .	1.1	27
72	Fe(Se,Te) coated conductors deposited on simple rolling-assisted biaxially textured substrate templates. Superconductor Science and Technology, 2019, 32, 084006.	1.8	27

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73	Hydrodynamical description for magneto-transport in the strange metal phase of Bi-2201. Physical Review Research, 2020, 2, .	1.3	27
74	Multi-gap superconductivity in a BaFe _{1.84} Co _{0.16} As ₂ film from optical measurements at terahertz frequencies. European Physical Journal B, 2010, 77, 25-30.	0.6	26
75	Multiband conductivity and a multigap superconducting phase in Sr^2RuO_4 from optical measurements at terahertz frequencies. Physical Review B, 2010, 81, .	1.1	26
76	Thermoelectric properties of iron-based superconductors and parent compounds. Superconductor Science and Technology, 2016, 29, 073002.	1.8	26
77	Magnetic properties of spin-diluted iron pnictides from ^1H NMR and NMR in LaFe _{1-x} Sr _x AsF ₄ . Physical Review B, 2014, 89, 020407.	1.1	25
78	Role of heat and mechanical treatments in the fabrication of superconducting Ba _{0.6} K _{0.4} Fe ₂ As ₂ ex situ powder-in-tube tapes. Superconductor Science and Technology, 2015, 28, 095015.	1.8	25
79	Magnetisation measurements on tubular samples of YBa ₂ Cu ₃ O _{7-y} . Superconductor Science and Technology, 1988, 1, 30-35.	1.8	24
80	Upper Critical Fields Up to 60 T in Dirty Magnesium Diboride Thin Films. IEEE Transactions on Applied Superconductivity, 2005, 15, 3234-3237.	1.1	24
81	Superconducting phase fluctuations in SmFeAsO _{0.8} F _{0.2} from diamagnetism at a low magnetic field above T _c . Physical Review B, 2011, 84, .	1.1	24
82	Thermal and voltage activated excess 1/f noise in FeTe _{0.5} Se _{0.5} epitaxial thin films. Physical Review B, 2011, 83, .	1.1	23
83	Comparison of Superconducting Properties of $\text{FeSe}_{0.5}\text{Te}_{0.5}$ Thin Films Grown on Different Substrates. IEEE Transactions on Applied Superconductivity, 2013, 23, 7500704-7500704. Effect of high-pressure annealing on the normal-state transport of $\text{FeSe}_{0.5}\text{Te}_{0.5}$ thin films. Physical Review B, 2014, 89, .	1.1	23
84	Influence of substrate type on transport properties of superconducting $\text{LaO}_{1-x}\text{F}_x\text{BiS}_2$. Physical Review B, 2014, 89, .	1.1	23
85	Influence of substrate type on transport properties of superconducting FeSe _{0.5} Te _{0.5} thin films. Superconductor Science and Technology, 2015, 28, 065005.	1.8	23
86	Clean and dirty superconductivity in pure, Al-doped, and neutron irradiated MgB ₂ : A far-infrared study. Physical Review B, 2005, 71, .	1.1	22
87	Development of MgB_2 Powders and Study of the Properties and Architecture of Ex-Situ PIT Wires. IEEE Transactions on Applied Superconductivity, 2008, 18, 1175-1178.	1.1	22
88	Two-band parallel conductivity at terahertz frequencies in the superconducting state of MgB_2 . Physical Review B, 2008, 77, .	1.1	22
89	Gd ₃ Ni ₂ and Gd ₃ Co _x Ni ₂ x: magnetism and unexpected Co/Ni crystallographic ordering. Journal of Materials Chemistry C, 2016, 4, 6078-6089.	2.7	22
90	Effects of high-energy proton irradiation on the superconducting properties of Fe(Se,Te) thin films. Superconductor Science and Technology, 2018, 31, 054001.	1.8	22

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91	Critical Temperature Enhancement by Biaxial Compressive Strain in FeSe _{0.5} Te _{0.5} Thin Films. Journal of Superconductivity and Novel Magnetism, 2011, 24, 35-41.	0.8	21
92	Deposition of c-oriented borocarbide thin films by laser ablation technique. IEEE Transactions on Applied Superconductivity, 1999, 9, 1727-1730.	1.1	20
93	The role of Fe deficiency in FeSe _{0.5} Te _{0.5} samples prepared by a melting process. Physica C: Superconductivity and Its Applications, 2013, 494, 69-73.	0.6	20
94	Al-alloyed MgB ₂ : correlation of superconducting properties, microstructure, and chemical composition. Superconductor Science and Technology, 2005, 18, 572-581.	1.8	19
95	Microstructural evolution throughout the structural transition in 1111 oxyaptnictides. Physical Review B, 2012, 85, .	1.1	19
96	Effect of Ru substitution on atomic displacements in the layered SmFe _{1-x} Ru _x AsO _{0.85} F _{0.15} superconductors. Superconductor Science and Technology, 2013, 26, 065005.	1.1	19
97	Temperature dependent local atomic displacements in Ru substituted SmFe _{1-x} Ru _x AsO _{0.85} F _{0.15} superconductors. Superconductor Science and Technology, 2013, 26, 065005.	1.8	19
98	Electron transport properties of MgB ₂ in the normal state. European Physical Journal B, 2002, 25, 439-443.	0.6	18
99	Multiband magnetotransport in the normal state of MgB ₂ . Physical Review B, 2005, 71, .	1.1	18
100	Role of interband scattering in neutron irradiated MgB ₂ thin films by scanning tunneling spectroscopy measurements. Physical Review B, 2007, 75, .	1.1	18
101	Theoretical and experimental investigation of magnetotransport in iron chalcogenides. Science and Technology of Advanced Materials, 2012, 13, 054402.	2.8	18
102	Fluctuation conductivity and magnetoconductivity in 2:2:1:2-phase Bi _{1-x} Sr _x Ca _{1-x} Cu _{1-x} O epitaxial films. Solid State Communications, 1993, 87, 397-400.	0.9	17
103	Fully automated apparatus for thermal diffusivity measurements on HTSC in high magnetic field. Review of Scientific Instruments, 1993, 64, 766-773.	0.6	16
104	Paraconductivity of YBCO thin films with different anisotropy factors. Physica C: Superconductivity and Its Applications, 1999, 314, 247-253.	0.6	16
105	Direct TEM observation of nanometric-sized defects in neutron-irradiated MgB ₂ bulk and their effect on pinning mechanisms. Superconductor Science and Technology, 2008, 21, 012001.	1.8	16
106	Role of Dirac cones in magnetotransport properties of REFeAsO (RE = rare earth) oxyaptnictides. European Physical Journal B, 2013, 86, 1.	0.6	16
107	Ultrafast quasiparticle relaxation dynamics in high quality epitaxial FeSe _{0.5} Te _{0.5} thin films. Superconductor Science and Technology, 2013, 26, 075018.	1.8	16
108	Groove-rolling as an alternative process to fabricate Bi-2212 wires for practical applications. Superconductor Science and Technology, 2014, 27, 055022.	1.8	16

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109	Thermoelectric and thermomagnetic effects in the mixed state analysis of the thermal angle. Physica C: Superconductivity and Its Applications, 1995, 246, 169-176.	0.6	15
110	Study of Bi(2223) tapes with low thermal conductivity. IEEE Transactions on Applied Superconductivity, 2001, 11, 3285-3288.	1.1	15
111	Pseudogap Analysis of Normal State Transport Behavior of 11 and 1111 Fe-Based Superconductors. Journal of Superconductivity and Novel Magnetism, 2011, 24, 1751-1760.	0.8	15
112	Large critical current density improvement in Bi-2212 wires through the groove-rolling process. Superconductor Science and Technology, 2013, 26, 045004.	1.8	14
113	Experimental Evidence for Static Charge Density Waves in Iron Oxypnictides. Physical Review Letters, 2017, 118, 055701.	2.9	14
114	Epitaxial Zr-doped CeO ₂ films by chemical solution deposition as buffer layers for Fe(Se,Te) film growth. Superconductor Science and Technology, 2020, 33, 084004.	1.8	14
115	In situ deposition of ErNi ₂ B ₂ C films by pulsed laser ablation technique. Physica C: Superconductivity and Its Applications, 1998, 299, 15-22.	0.6	13
116	Neutron irradiation effects on two gaps in MgB ₂ . Physica C: Superconductivity and Its Applications, 2007, 456, 144-152.	0.6	13
117	Specific heat investigation in high magnetic field of the magnetic ordering of the rare-earth lattice in FeAsO . The case of Sm. Physical Review B, 2009, 80, .	1.1	13
118	The influence of the in-plane lattice constant on the superconducting transition temperature of FeSe _{0.7} Te _{0.3} thin films. AIP Advances, 2017, 7, 065015.	0.6	13
119	Universal scaling behavior of the upper critical field in strained FeSe _{0.7} Te _{0.3} thin films. New Journal of Physics, 2018, 20, 093012.	1.2	13
120	The role of texturing and thickness of oxide buffer layers in the superconducting properties of Fe(Se,Te) Coated Conductors. Superconductor Science and Technology, 2020, 33, 114002.	1.8	13
121	Critical state in high T _c superconductors: magnetization and creep of the intergranular region. Cryogenics, 1990, 30, 569-575.	0.9	12
122	In situ film deposition of superconducting borocarbides by pulsed laser ablation technique. Physica C: Superconductivity and Its Applications, 1997, 282-287, 573-574.	0.6	12
123	Probing the electron-phonon coupling in MgB ₂ through magnetoresistance measurements in neutron irradiated thin films. Europhysics Letters, 2008, 81, 67006.	0.7	12
124	Effects of isoelectronic Ru substitution at the Fe site on the energy gaps of optimally F-doped SmFeAsO. Superconductor Science and Technology, 2012, 25, 084012.	1.8	12
125	Magneto-Seebeck effect in FeAsO scenario. Physical Review B, 2014, 90, .	1.1	12
126	Thallium-based high-temperature superconductors for beam impedance mitigation in the Future Circular Collider. Superconductor Science and Technology, 2017, 30, 075002.	1.8	12

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127	On the melt processed YBa ₂ Cu ₃ O _{7-δ} physico-chemical characterization. Solid State Communications, 1988, 68, 923-928.	0.9	11
128	Thermopower measurements of high-temperature superconductors: Experimental artifacts due to applied thermal gradient and a technique for avoiding them. Physical Review B, 1998, 58, 12344-12349.	1.1	11
129	Study of the Superconducting and Thermal Properties of <i>in situ</i> GlidCop-Sheathed Practical MgB ₂ Conductors. IEEE Transactions on Applied Superconductivity, 2009, 19, 3670-3674.	1.1	11
130	Analysis of Fe(Se,Te) Films Deposited On Unbuffered Invar 36. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	11
131	Observation of Phonon-Fluxon Scattering in YBa ₂ C ₃ O ₇ Through Thermal Diffusivity Measurements. Europhysics Letters, 1990, 13, 181-186.	0.7	10
132	Anisotropy in c-oriented MgB ₂ thin films grown by pulsed laser deposition. Physica C: Superconductivity and Its Applications, 2002, 378-381, 56-60.	0.6	10
133	Effect of the four-sheet Fermi surface on magnetoresistivity of MgB ₂ . European Physical Journal B, 2006, 52, 171-179.	0.6	10
134	Anisotropic Effect of Proton Irradiation on Pinning Properties of Fe(Se,Te) Thin Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.1	10
135	Transport properties of (BiPb) ₂ Sr ₂ Ca ₂ Cu ₃ O ₁₀ textured tapes in the mixed state. Physical Review B, 1995, 52, 9727-9735.	1.1	9
136	A magnetic glassy phase in Fe _{1+y} SexTe _{1-x} single crystals. Journal of Physics Condensed Matter, 2013, 25, 156004.	0.7	9
137	Slow magnetic fluctuations and superconductivity in fluorine-doped NdFeAsO. Physical Review B, 2015, 91, .	1.1	9
138	Structural properties and phase diagram of the La(Fe _{1-x} Ru _x)AsO system. Journal of Physics Condensed Matter, 2013, 25, 395701.	0.7	8
139	Roles of intrinsic anisotropy and Fe-band pairbreaking effects on critical currents in tilted-c-axis MgB ₂ films probed by magneto-optical and transport measurements. Physical Review B, 2014, 89, .		8
140	Deposition and properties of Fe(Se,Te) thin films on vicinal CaF ₂ substrates. Superconductor Science and Technology, 2017, 30, 115008.	1.8	8
141	Dissipation behaviour of YBa ₂ Cu ₃ O ₇ single crystals studied through magnetization and magnetization decay measurements. Superconductor Science and Technology, 1993, 6, 771-777.	1.8	7
142	Synthesis and properties of superconducting HgBa ₂ CuO _{4+x} from a single-step low-temperature solid state reaction. Superconductor Science and Technology, 1994, 7, 36-40.	1.8	7
143	The thermal conductivity of silver and silver alloy sheaths for Bi-2223 tapes. Physica C: Superconductivity and Its Applications, 2002, 372-376, 1835-1838.	0.6	7
144	Nonsaturating linear resistivity up to 900 K in MgB ₂ . Physical Review B, 2009, 79, .	1.1	7

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145	Evidence of a miscibility gap in the $\text{FeTe}_{1-x}\text{Se}_x$ polycrystalline samples prepared with a melting process. <i>Journal of Physics: Conference Series</i> , 2014, 507, 012044.	0.3	7
146	A new technique to obtain a fast thermocouple sensor for thermal diffusivity measurements in an extended temperature range. <i>Review of Scientific Instruments</i> , 1993, 64, 3612-3616.	0.6	6
147	Angular dependence of magnetoresistivity and Hall effect in a $\text{YBa}_2\text{Cu}_3\text{O}_x$ thin film. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 288, 37-46.	0.6	6
148	Magnetic study of texture in multifilamentary $(\text{Bi}_{1-x}\text{Pb})_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+x}$ tapes: Evidence for anisotropic orientation. <i>Applied Physics Letters</i> , 2000, 76, 85-87.	1.5	6
149	Transport properties of c-oriented MgB_2 thin films grown by pulsed laser deposition. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 372-376, 1270-1273.	0.6	6
150	Angular dependence of magnetoresistivity in c-oriented MgB thin film. <i>European Physical Journal B</i> , 2002, 30, 147-151.	0.6	6
151	Epitaxial MgB_2 thin films on ZrB_2 buffer layers: structural characterization by synchrotron radiation. <i>Superconductor Science and Technology</i> , 2004, 17, 1434-1439.	1.8	6
152	Analysis of the charge transfer mechanism on $(\text{Ba}_{1-x}\text{Nd}_x\text{CuO}_2)_{1-y}(\text{CaCuO}_2)_y$ superconducting superlattices by thermoelectric power measurements. <i>Physical Review B</i> , 2004, 69, .	1.1	6
153	Experimental confirmation of the low B isotope coefficient of MgB_2 . <i>Physical Review B</i> , 2008, 78, .	1.1	6
154	Intrinsic Ferromagnetic Impurity Phases in $\text{SmFeAsO}_{1-x}\text{F}_x$ Detected by ^{151}Sm SR. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 585-588.	0.8	6
155	Crossover between magnetism and superconductivity in LaFeAsO with low H-doping level. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 295701.	0.7	6
156	Potentiality for Low Temperature High Field Application of Iron Chalcogenide Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2015, 25, 1-5.	1.1	6
157	Quantum oscillations in the SmFeAsO parent compound and superconducting $\text{SmFeAs}(\text{O},\text{F})$. <i>Physical Review B</i> , 2017, 96, .	1.1	6
158	Unusual thermoelectric properties of $\text{BaFe}_{1-x}\text{Co}_x\text{As}_2$ in high magnetic fields. <i>Physical Review B</i> , 2018, 98, .	1.1	6
159	In-plane and out-of-plane properties of a BaFe_2As_2 single crystal. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 214003.	0.7	6
160	Proton Irradiation Effects on the Superconducting Properties of $\text{Fe}(\text{Se},\text{Te})$ Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2022, 32, 1-5.	1.1	6
161	Chemical CeO_2 -Based Buffer Layers for $\text{Fe}(\text{Se},\text{Te})$ Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2022, 32, 1-5.	1.1	6
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