

Marina Putti

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

249
papers

5,329
citations

37
h-index

62
g-index

260
ext. papers

5,944
ext. citations

2.5
avg, IF

4.81
L-index

#	Paper	IF	Citations
249	New Fe-based superconductors: properties relevant for applications. <i>Superconductor Science and Technology</i> , 2010 , 23, 034003	3.1	228
248	High-field superconductivity in alloyed MgB ₂ thin films. <i>Physical Review B</i> , 2005 , 71,	3.3	213
247	FCC-hh: The Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 755-1107	2.3	196
246	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 261-623	2.3	193
245	T _c =21 K in epitaxial FeSe _{0.5} Te _{0.5} thin films with biaxial compressive strain. <i>Applied Physics Letters</i> , 2010 , 96, 102512	3.4	178
244	FCC Physics Opportunities. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	174
243	From antiferromagnetism to superconductivity in Fe _{1+y} Te _{1-x} Se _x (0 ≤ x ≤ 0.20): Neutron powder diffraction analysis. <i>Physical Review B</i> , 2010 , 81,	3.3	112
242	Effects of Al doping on the normal and superconducting properties of MgB ₂ : A specific heat study. <i>Physical Review B</i> , 2003 , 68,	3.3	99
241	Effects of neutron irradiation on polycrystalline Mg _{1-x} B ₂ . <i>Physical Review B</i> , 2006 , 73,	3.3	91
240	Observation of the crossover from two-gap to single-gap superconductivity through specific heat measurements in neutron-irradiated MgB ₂ . <i>Physical Review Letters</i> , 2006 , 96, 077003	7.4	85
239	A.C. susceptibility and magnetization of high-T _c superconductors: Critical state model for the intergranular region. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 157, 425-430	1.3	76
238	HE-LHC: The High-Energy Large Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1109-1382	2.3	72
237	Critical field of Al-doped MgB ₂ samples: Correlation with the suppression of the band gap. <i>Physical Review B</i> , 2005 , 71,	3.3	72
236	Neutron irradiation of MgB ₂ 11: From the enhancement to the suppression of superconducting properties. <i>Applied Physics Letters</i> , 2005 , 86, 112503	3.4	71
235	Application potential of Fe-based superconductors. <i>Superconductor Science and Technology</i> , 2015 , 28, 114005	3.1	69
234	Suppression of the critical temperature of superconducting NdFeAs(O/F) single crystals by Kondo-like defect sites induced by alpha-particle irradiation. <i>Physical Review Letters</i> , 2010 , 104, 087002	7.4	67
233	Magnetic-superconducting phase boundary of SmFeAsO _{1-x} F _x studied via muon spin rotation: Unified behavior in a pnictide family. <i>Physical Review B</i> , 2009 , 80,	3.3	66

232	Upper critical field and fluctuation conductivity in the critical regime of doped SmFeAsO. <i>Physical Review B</i> , 2009 , 79,	3.3	63
231	Crossover between Aslamazov-Larkin and short-wavelength fluctuation regimes in high-temperature-superconductor conductivity experiments. <i>Physical Review B</i> , 1997 , 55, R14745-R14748,	3.3	63
230	SrTiO ₃ -based metal-insulator- π -semiconductor heterostructures. <i>Applied Physics Letters</i> , 2001 , 78, 2244-2246,	3.4	62
229	Isoelectronic Ru substitution at the iron site in SmFe _{1-x} Ru _x AsO _{0.85} F _{0.15} and its effects on structural, superconducting, and normal-state properties. <i>Physical Review B</i> , 2010 , 81,	3.3	61
228	Radiation effects on MgB ₂ : a review and a comparison with A15 superconductors. <i>Superconductor Science and Technology</i> , 2008 , 21, 043001	3.1	59
227	Effect of two bands on critical fields in MgB ₂ thin films with various resistivity values. <i>Physical Review B</i> , 2003 , 68,	3.3	59
226	Synthesis, crystal structure, microstructure, transport and magnetic properties of SmFeAsO and SmFeAs(O _{0.93} F _{0.07}). <i>Superconductor Science and Technology</i> , 2008 , 21, 095017	3.1	58
225	Enhanced flux pinning in neutron irradiated MgB ₂ . <i>Physical Review B</i> , 2005 , 71,	3.3	58
224	Highly effective and isotropic pinning in epitaxial Fe(Se,Te) thin films grown on CaF ₂ substrates. <i>Applied Physics Letters</i> , 2013 , 103, 172601	3.4	54
223	s-wave pairing in the optimally doped LaO _{0.5} F _{0.5} BiS ₂ superconductor. <i>Physical Review B</i> , 2013 , 88,	3.3	52
222	Effect of grain refinement on enhancing critical current density and upper critical field in undoped MgB ₂ ex situ tapes. <i>Journal of Applied Physics</i> , 2008 , 104, 103908	2.5	51
221	Tuning of the superconducting properties of FeSe _{0.5} Te _{0.5} thin films through the substrate effect. <i>Superconductor Science and Technology</i> , 2012 , 25, 084022	3.1	48
220	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 . <i>Superconductor Science and Technology</i> , 2010 , 23, 054001	3.1	47
219	A new approach for improving global critical current density in Fe(Se _{0.5} Te _{0.5}) polycrystalline materials. <i>Superconductor Science and Technology</i> , 2012 , 25, 115018	3.1	45
218	Thermal properties of SmFeAsO _{1-x} F _x as a probe of the interplay between electrons and phonons. <i>Physical Review B</i> , 2008 , 78,	3.3	44
217	Seebeck effect in Fe _{1+x} Te _{1-y} Se _y single crystals. <i>Physical Review B</i> , 2009 , 80,	3.3	43
216	Two-band effects in the transport properties of MgB ₂ . <i>Superconductor Science and Technology</i> , 2003 , 16, 188-192	3.1	42
215	As-grown magnesium diboride superconducting thin films deposited by pulsed laser deposition. <i>Superconductor Science and Technology</i> , 2001 , 14, 762-764	3.1	42

214	Critical field of MgB ₂ : Crossover from clean to dirty regimes. <i>Physical Review B</i> , 2004 , 70,	3-3	40
213	Vortex dynamics and irreversibility line in optimally doped SmFeAsO _{0.8} F _{0.2} from ac susceptibility and magnetization measurements. <i>Physical Review B</i> , 2011 , 83,	3-3	37
212	Magnetotransport in La(Fe,Ru)AsO as a probe of band structure and mobility. <i>Physical Review B</i> , 2011 , 84,	3-3	37
211	Retention of the tetragonal to orthorhombic structural transition in F-substituted SmFeAsO: a new phase diagram for SmFeAs(O _(1-x) F _x). <i>Physical Review Letters</i> , 2011 , 106, 227001	7-4	37
210	Evidence for electromagnetic granularity in polycrystalline Sm1111 iron-pnictides with enhanced phase purity. <i>Superconductor Science and Technology</i> , 2011 , 24, 045010	3-1	37
209	Correlated trends of coexisting magnetism and superconductivity in optimally electron-doped oxypnictides. <i>Physical Review Letters</i> , 2011 , 107, 227003	7-4	35
208	Synthesis and physical properties of Ca _{1-x} RE _x FeAs ₂ with RE = La, Ce. <i>Applied Physics Express</i> , 2014 , 7, 073102	2-4	33
207	Strong vortex pinning in FeSe _{0.5} Te _{0.5} epitaxial thin film. <i>Applied Physics Letters</i> , 2012 , 100, 082601	3-4	33
206	Coexistence of long-ranged magnetic order and superconductivity in the pnictide superconductor SmFeAsO _{1-x} F _x (x=0, 0.15). <i>Physical Review B</i> , 2009 , 80,	3-3	33
205	Transport and infrared properties of SmFeAs(O _{1-x} F _x): from SDW to superconducting ordering. <i>Superconductor Science and Technology</i> , 2009 , 22, 034004	3-1	33
204	Thermal conductivity of MgB ₂ in the superconducting state. <i>Physical Review B</i> , 2003 , 67,	3-3	33
203	Role of the Grain Oxidation in Improving the In-Field Behavior of MgB ₂ Ex-Situ Tapes. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 2718-2721	1-8	32
202	Anisotropic critical currents in FeSe _{0.5} Te _{0.5} films and the influence of neutron irradiation. <i>Superconductor Science and Technology</i> , 2011 , 24, 065016	3-1	31
201	Neutron irradiation on MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 463-465, 211-215	1-3	31
200	Systematic study of disorder induced by neutron irradiation in MgB ₂ thin films. <i>Journal of Applied Physics</i> , 2007 , 101, 043903	2-5	31
199	Magnetoresistivity as a probe of disorder in the Γ and Γ bands of MgB ₂ . <i>Physical Review B</i> , 2005 , 72,	3-3	31
198	High field vortex phase diagram of Fe(Se, Te) thin films. <i>Superconductor Science and Technology</i> , 2014 , 27, 044007	3-1	29
197	The CERN FCC Conductor Development Program: A Worldwide Effort for the Future Generation of High-Field Magnets. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-9	1-8	28

196	Nanoscopic coexistence of magnetic and superconducting states within the FeAs layers of CeFeAsO _{1-x} F _x . <i>Physical Review B</i> , 2010 , 82,	3.3	28
195	MgB ₂ , a two-gap superconductor for practical applications. <i>MRS Bulletin</i> , 2011 , 36, 608-613	3.2	28
194	Thermal conductivity of a BSCCO(2223) c-oriented tape: a discussion on the origin of the peak. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 273, 314-322	1.3	28
193	Synthesis and characterisation of superconducting RuSr ₂ GdCu ₂ O ₈ . <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 377, 431-436	1.3	28
192	Thickness effect on the structure and superconductivity of Nd _{1.2} Ba _{1.8} Cu ₃ O _z epitaxial films. <i>Physical Review B</i> , 2005 , 72,	3.3	28
191	On the magnetic behavior of BSCCO(2223) Ag tapes. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 251, 61-70	1.3	28
190	Effect of chemical pressure on spin density wave and superconductivity in undoped and 15% F-doped La _{1-y} Y _y FeAsO compounds. <i>Physical Review B</i> , 2009 , 79,	3.3	27
189	Raman spectra of neutron-irradiated and Al-doped MgB ₂ . <i>Physical Review B</i> , 2006 , 74,	3.3	27
188	F19 NMR study of the coupling between 4f and itinerant electrons in the pnictide superconductors SmFeAsO _{1-x} F _x (0.15 ≤ x ≤ 0.2). <i>Physical Review B</i> , 2010 , 81,	3.3	26
187	High-Energy Ball Milling and Synthesis Temperature Study to Improve Superconducting Properties of MgB_2 Ex-situ Tapes and Wires. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 2706-2709 ^{1,8}	1.8	26
186	Intraband vs. interband scattering rate effects in neutron irradiated MgB ₂ . <i>Europhysics Letters</i> , 2007 , 77, 57005	1.6	26
185	Exploring the feasibility of Fe(Se,Te) conductors by ex-situ powder-in-tube method. <i>Journal of Applied Physics</i> , 2015 , 117, 213903	2.5	25
184	Study of the MgB ₂ grain size role in ex situ multifilamentary wires with thin filaments. <i>Superconductor Science and Technology</i> , 2010 , 23, 025032	3.1	25
183	Long- to short-range magnetic order in fluorine-doped CeFeAsO. <i>Physical Review B</i> , 2011 , 84,	3.3	25
182	The optical phonon spectrum of SmFeAsO. <i>Europhysics Letters</i> , 2008 , 84, 67013	1.6	25
181	Role of charge doping and lattice distortions in codoped Mg _{1-x} (AlLi) _x B ₂ compounds. <i>Physical Review B</i> , 2006 , 73,	3.3	25
180	Upper critical fields and critical current densities of Fe-based superconductors as compared to those of other technical superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2012 , 482, 68-73	1.3	24
179	Superconducting phase fluctuations in SmFeAsO _{0.8} F _{0.2} from diamagnetism at a low magnetic field above T _c . <i>Physical Review B</i> , 2011 , 84,	3.3	24

178	Magnetic properties of spin-diluted iron pnictides from μ SR and NMR in $\text{LaFe}_{1-x}\text{Ru}_x\text{AsO}$. <i>Physical Review B</i> , 2012 , 85,	3-3	24
177	Tetragonal to orthorhombic phase transition in SmFeAsO : A synchrotron powder diffraction investigation. <i>Journal of Alloys and Compounds</i> , 2009 , 477, L21-L23	5-7	24
176	Multi-gap superconductivity in a $\text{BaFe}_{1.84}\text{Co}_{0.16}\text{As}_2$ film from optical measurements at terahertz frequencies. <i>European Physical Journal B</i> , 2010 , 77, 25-30	1-2	23
175	. <i>IEEE Transactions on Applied Superconductivity</i> , 2005 , 15, 3234-3237	1-8	23
174	Magnetisation measurements on tubular samples of $\text{YBa}_2\text{Cu}_3\text{O}_{7-y}$. <i>Superconductor Science and Technology</i> , 1988 , 1, 30-35	3-1	23
173	Effect of high-pressure annealing on the normal-state transport of $\text{LaO}_{0.5}\text{F}_{0.5}\text{BiS}_2$. <i>Physical Review B</i> , 2014 , 89,	3-3	22
172	Comparison of Superconducting Properties of $\text{FeSe}_{0.5}\text{Te}_{0.5}$ Thin Films Grown on Different Substrates. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 7500704-7500704	1-8	22
171	. <i>IEEE Transactions on Applied Superconductivity</i> , 2008 , 18, 1175-1178	1-8	22
170	Clean and dirty superconductivity in pure, Al-doped, and neutron irradiated MgB_2 : A far-infrared study. <i>Physical Review B</i> , 2005 , 71,	3-3	22
169	Role of heat and mechanical treatments in the fabrication of superconducting $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ epitaxial powder-in-tube tapes. <i>Superconductor Science and Technology</i> , 2015 , 28, 095015	3-1	20
168	Thermoelectric properties of iron-based superconductors and parent compounds. <i>Superconductor Science and Technology</i> , 2016 , 29, 073002	3-1	20
167	Critical Temperature Enhancement by Biaxial Compressive Strain in $\text{FeSe}_{0.5}\text{Te}_{0.5}$ Thin Films. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 35-41	1-5	20
166	Thermal and voltage activated excess $1/f$ noise in $\text{FeTe}_{0.5}\text{Se}_{0.5}$ epitaxial thin films. <i>Physical Review B</i> , 2011 , 83,	3-3	20
165	Deposition of c-oriented borocarbide thin films by laser ablation technique. <i>IEEE Transactions on Applied Superconductivity</i> , 1999 , 9, 1727-1730	1-8	20
164	Multiband conductivity and a multigap superconducting phase in V_3Si films from optical measurements at terahertz frequencies. <i>Physical Review B</i> , 2010 , 81,	3-3	19
163	Al-alloyed MgB_2 : correlation of superconducting properties, microstructure, and chemical composition. <i>Superconductor Science and Technology</i> , 2005 , 18, 572-581	3-1	19
162	Effects of high-energy proton irradiation on the superconducting properties of $\text{Fe}(\text{Se},\text{Te})$ thin films. <i>Superconductor Science and Technology</i> , 2018 , 31, 054001	3-1	18
161	Temperature dependent local atomic displacements in Ru substituted $\text{SmFe}_{1-x}\text{Ru}_x\text{AsO}_{0.85}\text{F}_{0.15}$ superconductors. <i>Superconductor Science and Technology</i> , 2013 , 26, 065005	3-1	18

160	Two-band parallel conductivity at terahertz frequencies in the superconducting state of MgB ₂ . <i>Physical Review B</i> , 2008 , 77,	3.3	18
159	Role of interband scattering in neutron irradiated MgB ₂ thin films by scanning tunneling spectroscopy measurements. <i>Physical Review B</i> , 2007 , 75,	3.3	18
158	Fe(Se,Te) coated conductors deposited on simple rolling-assisted biaxially textured substrate templates. <i>Superconductor Science and Technology</i> , 2019 , 32, 084006	3.1	17
157	The role of Fe deficiency in Fe _y Se _{0.5} Te _{0.5} samples prepared by a melting process. <i>Physica C: Superconductivity and Its Applications</i> , 2013 , 494, 69-73	1.3	17
156	Microstructural evolution throughout the structural transition in 1111 oxypnictides. <i>Physical Review B</i> , 2012 , 85,	3.3	17
155	Effect of Ru substitution on atomic displacements in the layered SmFe _{1-x} Ru _x AsO _{0.85} F _{0.15} superconductor. <i>Physical Review B</i> , 2012 , 85,	3.3	16
154	Multiband magnetotransport in the normal state of MgB ₂ . <i>Physical Review B</i> , 2005 , 71,	3.3	16
153	Fluctuation conductivity and magnetoconductivity in 2:2:1:2-phase Bi ₂ Sr ₂ Ca ₂ Cu ₂ O epitaxial films. <i>Solid State Communications</i> , 1993 , 87, 397-400	1.6	16
152	Role of Dirac cones in magnetotransport properties of REFeAsO (RE = rare earth) oxypnictides. <i>European Physical Journal B</i> , 2013 , 86, 1	1.2	15
151	Pseudogap Analysis of Normal State Transport Behavior of 11 and 1111 Fe-Based Superconductors. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 1751-1760	1.5	15
150	Direct TEM observation of nanometric-sized defects in neutron-irradiated MgB ₂ bulk and their effect on pinning mechanisms. <i>Superconductor Science and Technology</i> , 2008 , 21, 012001	3.1	15
149	Fully automated apparatus for thermal diffusivity measurements on HTSC in high magnetic field. <i>Review of Scientific Instruments</i> , 1993 , 64, 766-773	1.7	15
148	Theoretical and experimental investigation of magnetotransport in iron chalcogenides. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 054402	7.1	14
147	Electron transport properties of MgB ₂ in the normal state. <i>European Physical Journal B</i> , 2002 , 25, 439-443	3.2	14
146	Paraconductivity of YBCO thin films with different anisotropy factors. <i>Physica C: Superconductivity and Its Applications</i> , 1999 , 314, 247-253	1.3	14
145	Thermoelectric and thermomagnetic effects in the mixed state analysis of the thermal angle. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 246, 169-176	1.3	14
144	In situ deposition of ErNi ₂ B ₂ C films by pulsed laser ablation technique. <i>Physica C: Superconductivity and Its Applications</i> , 1998 , 299, 15-22	1.3	13
143	Ultrafast quasiparticle relaxation dynamics in high quality epitaxial FeSe _{0.5} Te _{0.5} thin films. <i>Superconductor Science and Technology</i> , 2013 , 26, 075018	3.1	12

142	Specific heat investigation in high magnetic field of the magnetic ordering of the rare-earth lattice in RFeAsO: The case of Sm. <i>Physical Review B</i> , 2009 , 80,	3.3	12
141	In situ film deposition of superconducting borocarbides by pulsed laser ablation technique. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 282-287, 573-574	1.3	12
140	Neutron irradiation effects on two gaps in MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 456, 144-152	1.3	12
139	Study of Bi(2223) tapes with low thermal conductivity. <i>IEEE Transactions on Applied Superconductivity</i> , 2001 , 11, 3285-3288	1.8	12
138	Critical state in high T _c superconductors: magnetization and creep of the intergranular region. <i>Cryogenics</i> , 1990 , 30, 569-575	1.8	12
137	Hydrodynamical description for magneto-transport in the strange metal phase of Bi-2201. <i>Physical Review Research</i> , 2020 , 2,	3.9	12
136	Experimental Evidence for Static Charge Density Waves in Iron Oxypnictides. <i>Physical Review Letters</i> , 2017 , 118, 055701	7.4	11
135	Influence of substrate type on transport properties of superconducting FeSe _{0.5} Te _{0.5} thin films. <i>Superconductor Science and Technology</i> , 2015 , 28, 065005	3.1	11
134	Gd ₃ Ni ₂ and Gd ₃ CoxNi ₂ : magnetism and unexpected Co/Ni crystallographic ordering. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6078-6089	7.1	11
133	Study of the Superconducting and Thermal Properties of ex situ GlidCop-Sheathed Practical MgB_2 Conductors. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 3670-3674	1.8	11
132	Effects of isoelectronic Ru substitution at the Fe site on the energy gaps of optimally F-doped SmFeAsO. <i>Superconductor Science and Technology</i> , 2012 , 25, 084012	3.1	11
131	Probing the electron-phonon coupling in MgB ₂ through magnetoresistance measurements in neutron irradiated thin films. <i>Europhysics Letters</i> , 2008 , 81, 67006	1.6	11
130	On the melt processed YBa ₂ Cu ₃ O _{7-x} physico-chemical characterization. <i>Solid State Communications</i> , 1988 , 68, 923-928	1.6	11
129	Effect of the four-sheet Fermi surface on magnetoresistivity of MgB ₂ . <i>European Physical Journal B</i> , 2006 , 52, 171-179	1.2	10
128	Anisotropy in c-oriented MgB ₂ thin films grown by pulsed laser deposition. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 378-381, 56-60	1.3	10
127	Observation of Phonon-Fluxon Scattering in YBa ₂ Cu ₃ O ₇ Through Thermal Diffusivity Measurements. <i>Europhysics Letters</i> , 1990 , 13, 181-186	1.6	10
126	Groove-rolling as an alternative process to fabricate Bi-2212 wires for practical applications. <i>Superconductor Science and Technology</i> , 2014 , 27, 055022	3.1	9
125	Magneto-Seebeck effect in RFeAsO (R=rare earth) compounds: Probing the magnon drag scenario. <i>Physical Review B</i> , 2014 , 90,	3.3	9

124	Transport properties of (BiPb) ₂ Sr ₂ Ca ₂ Cu ₃ O ₁₀ textured tapes in the mixed state. <i>Physical Review B</i> , 1995 , 52, 9727-9735	3.3	9
123	Thallium-based high-temperature superconductors for beam impedance mitigation in the Future Circular Collider. <i>Superconductor Science and Technology</i> , 2017 , 30, 075002	3.1	8
122	. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	8
121	The influence of the in-plane lattice constant on the superconducting transition temperature of FeSe _{0.7} Te _{0.3} thin films. <i>AIP Advances</i> , 2017 , 7, 065015	1.5	8
120	Slow magnetic fluctuations and superconductivity in fluorine-doped NdFeAsO. <i>Physical Review B</i> , 2015 , 91,	3.3	8
119	Thermopower measurements of high-temperature superconductors: Experimental artifacts due to applied thermal gradient and a technique for avoiding them. <i>Physical Review B</i> , 1998 , 58, 12344-12349	3.3	8
118	A magnetic glassy phase in Fe(1+y)Se(x)Te(1-x) single crystals. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 156004	1.8	7
117	Structural properties and phase diagram of the La(Fe _{1-x} Ru _x)AsO system. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 395701	1.8	7
116	Deposition and properties of Fe(Se,Te) thin films on vicinal CaF ₂ substrates. <i>Superconductor Science and Technology</i> , 2017 , 30, 115008	3.1	7
115	Roles of intrinsic anisotropy and band pairbreaking effects on critical currents in tilted-c-axis MgB ₂ films probed by magneto-optical and transport measurements. <i>Physical Review B</i> , 2014 , 90,	3.3	7
114	Synthesis and properties of superconducting HgBa ₂ CuO _{4+x} from a single-step low-temperature solid state reaction. <i>Superconductor Science and Technology</i> , 1994 , 7, 36-40	3.1	7
113	Anisotropic Effect of Proton Irradiation on Pinning Properties of Fe(Se,Te) Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	6
112	Epitaxial Zr-doped CeO ₂ films by chemical solution deposition as buffer layers for Fe(Se,Te) film growth. <i>Superconductor Science and Technology</i> , 2020 , 33, 084004	3.1	6
111	Crossover between magnetism and superconductivity in LaFeAsO with low H-doping level. <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 295701	1.8	6
110	Evidence of a miscibility gap in the FeTe _{1-x} Se _x polycrystalline samples prepared with a melting process. <i>Journal of Physics: Conference Series</i> , 2014 , 507, 012044	0.3	6
109	Large critical current density improvement in Bi-2212 wires through the groove-rolling process. <i>Superconductor Science and Technology</i> , 2013 , 26, 045004	3.1	6
108	Intrinsic Ferromagnetic Impurity Phases in SmFeAsO _{1-x} F _x Detected by BR. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009 , 22, 585-588	1.5	6
107	Angular dependence of magnetoresistivity and Hall effect in a YBa ₂ Cu ₃ O _x thin film. <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 288, 37-46	1.3	6

106	Experimental confirmation of the low B isotope coefficient of MgB ₂ . <i>Physical Review B</i> , 2008 , 78,	3.3	6
105	Analysis of the charge transfer mechanism on (Ba _{1-x} Nd _x CuO ₂) _{1-y} /(CaCuO ₂) _n superconducting superlattices by thermoelectric power measurements. <i>Physical Review B</i> , 2004 , 69,	3.3	6
104	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	1.3	6
103	Angular dependence of magnetoresistivity in c-oriented MgB thin film. <i>European Physical Journal B</i> , 2002 , 30, 147-151	1.2	6
102	Magnetic study of texture in multifilamentary (Bi, Pb) ₂ Sr ₂ Ca ₂ Cu ₃ O _{10+x} tapes: Evidence for anisotropic orientation. <i>Applied Physics Letters</i> , 2000 , 76, 85-87	3.4	6
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