

Marina Putti

List of Publications by Year in Descending Order

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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	Chemical CeO ₂ -Based Buffer Layers for Fe(Se,Te) Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2022 , 32, 1-5	1.8	1
248	Proton Irradiation Effects on the Superconducting Properties of Fe(Se,Te) Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2022 , 32, 1-5	1.8	0
247	. <i>IEEE Transactions on Applied Superconductivity</i> , 2021 , 31, 1-7	1.8	1
246	Weak acid leaching of MgB ₂ to purify magnesiothermic boron powder. <i>Materials Today Communications</i> , 2021 , 26, 101731	2.5	0
245	Mn-induced Fermi-surface reconstruction in the SmFeAsO parent compound. <i>Scientific Reports</i> , 2021 , 11, 14373	4.9	0
244	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
243	Future Circular Collider beam screen: progress on Tl-1223 HTS coating. <i>Superconductor Science and Technology</i> , 2020 , 33, 054004	3.1	2
242	Hydrodynamical description for magneto-transport in the strange metal phase of Bi-2201. <i>Physical Review Research</i> , 2020 , 2,	3.9	12
241	Flux flow instability as a probe for quasiparticle energy relaxation time in Fe-chalcogenides. <i>Superconductor Science and Technology</i> , 2020 , 33, 104005	3.1	1
240	Mn substitution effect on the local structure of La(FeMn)AsO studied by temperature dependent x-ray absorption measurements. <i>Journal of Physics Condensed Matter</i> , 2020 ,	1.8	2
239	The role of texturing and thickness of oxide buffer layers in the superconducting properties of Fe(Se,Te) Coated Conductors. <i>Superconductor Science and Technology</i> , 2020 , 33, 114002	3.1	5
238	Critical current anisotropy in Fe(Se,Te) films irradiated by 3.5 MeV protons. <i>Journal of Physics: Conference Series</i> , 2020 , 1559, 012042	0.3	4
237	. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	8
236	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
235	The local structure and magnetic correlations in La(Fe _{1-x} Mn _x)AsO system. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 134, 319-323	3.9	3
234	FCC Physics Opportunities. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	174
233	Evidence for Longitudinal Homogeneity and No Je Degradation in Bi-2212 Wires Realized by the GDG Process. <i>IEEE Transactions on Applied Superconductivity</i> , 2019 , 29, 1-5	1.8	4

232	Band filling and disorder effects on the normal state thermoelectric behavior in MgB. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 164001	1.8	1
231	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
230	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
229	In-plane and out-of-plane properties of a BaFeAs single crystal. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 214003	1.8	4
228	Evidence of the isoelectronic character of F doping in SmFeAsO F : a first-principles investigation. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 244001	1.8	2
227	FCC-hh: The Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 755-1107	2.3	196
226	HE-LHC: The High-Energy Large Hadron Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1109-1382	2.3	72
225	FCC-ee: The Lepton Collider. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 261-623	2.3	193
224	Clean to dirty limit and T _c suppression in NdFeAsO _{0.7} F _{0.3} studied by H _{c2} analysis. <i>Superconductor Science and Technology</i> , 2018 , 31, 034007	3.1	1
223	Effects of high-energy proton irradiation on the superconducting properties of Fe(Se,Te) thin films. <i>Superconductor Science and Technology</i> , 2018 , 31, 054001	3.1	18
222	Effect of the external pressure at the crossover between magnetism and superconductivity in LnFeAsO _{1-x} F _x (Ln = La _{0.7} Y _{0.3} , Ce) superconductors. <i>International Journal of Modern Physics B</i> , 2018 , 32, 1840018	1.1	
221	Unusual thermoelectric properties of BaFe ₂ As ₂ in high magnetic fields. <i>Physical Review B</i> , 2018 , 98,	3.3	5
220	Universal scaling behavior of the upper critical field in strained FeSe _{0.7} Te _{0.3} thin films. <i>New Journal of Physics</i> , 2018 , 20, 093012	2.9	3
219	Experimental Evidence for Static Charge Density Waves in Iron Oxypnictides. <i>Physical Review Letters</i> , 2017 , 118, 055701	7.4	11
218	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
217	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
216	Quantum oscillations in the SmFeAsO parent compound and superconducting SmFeAs(O,F). <i>Physical Review B</i> , 2017 , 96,	3.3	5
215	Development and Characterization of P-doped Ba-122 Superconducting Tapes. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-4	1.8	1

214	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
213	Thermoelectric properties of iron-based superconductors and parent compounds. <i>Superconductor Science and Technology</i> , 2016 , 29, 073002	3.1	20
212	Gd ₃ Ni ₂ and Gd ₃ Co _x Ni _{2-x} : magnetism and unexpected Co/Ni crystallographic ordering. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 6078-6089	7.1	11
211	Role of magnetic dopants in the phase diagram of Sm 1111 pnictides: The case of Mn. <i>Physical Review B</i> , 2016 , 94,	3.3	4
210	Research Update: Structural and transport properties of (Ca,La)FeAs ₂ single crystal. <i>APL Materials</i> , 2016 , 4, 020702	5.7	4
209	Effect of chemical pressure on the local structure of La _{1-x} Sm _x FeAsO system. <i>Superconductor Science and Technology</i> , 2015 , 28, 025007	3.1	3
208	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
207	Potentiality for Low Temperature High Field Application of Iron Chalcogenide Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-5	1.8	5
206	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
205	Application potential of Fe-based superconductors. <i>Superconductor Science and Technology</i> , 2015 , 28, 114005	3.1	69
204	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. <i>Superconductor Science and Technology</i> , 2015 , 28, 095015	3.1	20
203	Slow magnetic fluctuations and superconductivity in fluorine-doped NdFeAsO. <i>Physical Review B</i> , 2015 , 91,	3.3	8
202	Superconducting Materials 2015 , 105-191		
201	Iron-Based Superconductors: Materials Aspects for Applications 2015 , 1-26		
200	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
199	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
198	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
197	Two-band conductivity of a FeSe _{0.5} Te _{0.5} film by reflectance measurements in the terahertz and infrared range. <i>Superconductor Science and Technology</i> , 2014 , 27, 125011	3.1	4

196	High field vortex phase diagram of Fe(Se, Te) thin films. <i>Superconductor Science and Technology</i> , 2014 , 27, 044007	3.1	29
195	Femtosecond spectroscopy in a nearly optimally doped Fe-based superconductors FeSe _{0.5} Te _{0.5} and Ba(Fe _{1-x} Cox) ₂ As ₂ /Fe thin film. <i>Journal of Physics: Conference Series</i> , 2014 , 507, 012004 ^{0.3}		
194	Effect of high-pressure annealing on the normal-state transport of LaO _{0.5} F _{0.5} BiS ₂ . <i>Physical Review B</i> , 2014 , 89,	3.3	22
193	Magneto-Seebeck effect in RFeAsO (R=rare earth) compounds: Probing the magnon drag scenario. <i>Physical Review B</i> , 2014 , 90,	3.3	9
192	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
191	⁷⁵ As NQR signature of the isoelectronic nature of ruthenium for iron substitution in LaFeRuAsO. <i>Physica Status Solidi (B): Basic Research</i> , 2014 , 251, 974-979	1.3	4
190	Synthesis and physical properties of Ca _{1-x} RE _x FeAs ₂ with RE = La, Gd. <i>Applied Physics Express</i> , 2014 , 7, 073102	2.4	33
189	Selected papers from the 11th European Conference on Applied Superconductivity (EUCAS 2013). <i>Superconductor Science and Technology</i> , 2014 , 27, 040301	3.1	
188	Study of the electronic and magnetic properties as a function of isoelectronic substitution in SmFe _(1-x) Ru _x AsO _{0.85} F _{0.15} . <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 065701	1.8	3
187	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
186	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
185	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
184	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
183	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
182	Temperature dependent local atomic displacements in Ru substituted SmFe _{1-x} Ru _x AsO _{0.85} F _{0.15} superconductors. <i>Superconductor Science and Technology</i> , 2013 , 26, 065005	3.1	18
181	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
180	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
179	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

178	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
177	Martinelli et al. reply. <i>Physical Review Letters</i> , 2013 , 110, 209702	7.4	3
176	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
175	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
174	Strong vortex pinning in FeSe _{0.5} Te _{0.5} epitaxial thin film. <i>Applied Physics Letters</i> , 2012 , 100, 082601	3.4	33
173	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
172	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
171	Microstructural evolution throughout the structural transition in 1111 oxypnictides. <i>Physical Review B</i> , 2012 , 85,	3.3	17
170	Magnetic properties of spin-diluted iron pnictides from μ SR and NMR in LaFe _{1-x} Ru _x AsO. <i>Physical Review B</i> , 2012 , 85,	3.3	24
169	Theoretical and experimental investigation of magnetotransport in iron chalcogenides. <i>Science and Technology of Advanced Materials</i> , 2012 , 13, 054402	7.1	14
168	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
167	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
166	Critical Temperature Enhancement by Biaxial Compressive Strain in FeSe _{0.5} Te _{0.5} Thin Films. <i>Journal of Superconductivity and Novel Magnetism</i> , 2011 , 24, 35-41	1.5	20
165	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
164	MgB ₂ , a two-gap superconductor for practical applications. <i>MRS Bulletin</i> , 2011 , 36, 608-613	3.2	28
163	Long- to short-range magnetic order in fluorine-doped CeFeAsO. <i>Physical Review B</i> , 2011 , 84,	3.3	25
162	Thermal and voltage activated excess 1/f noise in FeTe _{0.5} Se _{0.5} epitaxial thin films. <i>Physical Review B</i> , 2011 , 83,	3.3	20
161	Magnetotransport in La(Fe,Ru)AsO as a probe of band structure and mobility. <i>Physical Review B</i> , 2011 , 84,	3.3	37

160	Correlated trends of coexisting magnetism and superconductivity in optimally electron-doped oxypnictides. <i>Physical Review Letters</i> , 2011 , 107, 227003	7.4	35
159	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
158	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
157	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
156	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
155	Investigation of Fluctuating Diamagnetism and Spin Dynamics in SmFeAsO _{1-x} F _x Superconductors. <i>Advances in Science and Technology</i> , 2010 , 75, 141-146	0.1	2
154	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
153	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
152	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
151	Nanoscale 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
150	Multiband conductivity and a multigap superconducting phase in V ₃ Si films from optical measurements at terahertz frequencies. <i>Physical Review B</i> , 2010 , 81,	3.3	19
149	Anisotropic transport properties in tilted c-axis MgB ₂ thin films. <i>Superconductor Science and Technology</i> , 2010 , 23, 025012	3.1	3
148	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
147	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
146	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
145	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
144	Interband and intraband effects in the upper critical field of disordered MgB ₂ . <i>Physical Review B</i> , 2010 , 82,	3.3	5
143	Multi-gap superconductivity in a BaFe _{1.84} Co _{0.16} As ₂ film from optical measurements at terahertz frequencies. <i>European Physical Journal B</i> , 2010 , 77, 25-30	1.2	23

142	New Fe-based superconductors: properties relevant for applications. <i>Superconductor Science and Technology</i> , 2010 , 23, 034003	3.1	228
141	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 ²⁶	1.8	26
140	Nonsaturating linear resistivity up to 900 K in MgB_2 . <i>Physical Review B</i> , 2009 , 79,	3.3	5
139	Magnetic-superconducting phase boundary of SmFeAsO_{1-x} studied via muon spin rotation: Unified behavior in a pnictide family. <i>Physical Review B</i> , 2009 , 80,	3.3	66
138	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
137	Coexistence of long-ranged magnetic order and superconductivity in the pnictide superconductor SmFeAsO_{1-x} ($x=0, 0.15$). <i>Physical Review B</i> , 2009 , 80,	3.3	33
136	Seebeck effect in $\text{Fe}_{1-x}\text{Te}_x\text{Se}_y$ single crystals. <i>Physical Review B</i> , 2009 , 80,	3.3	43
135	Superconducting Properties of V_3Si Thin Films Grown by Pulsed Laser Ablation. <i>IEEE Transactions on Applied Superconductivity</i> , 2009 , 19, 2682-2685	1.8	5
134	Increased in-field critical current density in neutron-irradiated MgB_2 films. <i>Superconductor Science and Technology</i> , 2009 , 22, 015023	3.1	3
133	Intrinsic Ferromagnetic Impurity Phases in SmFeAsO_{1-x} Detected by μSR . <i>Journal of Superconductivity and Novel Magnetism</i> , 2009 , 22, 585-588	1.5	6
132	Effect of chemical pressure on spin density wave and superconductivity in undoped and 15% F-doped $\text{La}_{1-y}\text{Y}_y\text{FeAsO}$ compounds. <i>Physical Review B</i> , 2009 , 79,	3.3	27
131	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
130	Investigation of Li-doped MgB_2 . <i>Superconductor Science and Technology</i> , 2009 , 22, 095014	3.1	2
129	Transport and infrared properties of $\text{SmFeAs}(\text{O}_{1-x}\text{F}_x)$: from SDW to superconducting ordering. <i>Superconductor Science and Technology</i> , 2009 , 22, 034004	3.1	33
128	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
127	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
126	Upper critical field and fluctuation conductivity in the critical regime of doped SmFeAsO . <i>Physical Review B</i> , 2009 , 79,	3.3	63
125	The optical phonon spectrum of SmFeAsO . <i>Europhysics Letters</i> , 2008 , 84, 67013	1.6	25

124	Experimental confirmation of the low B isotope coefficient of MgB ₂ . <i>Physical Review B</i> , 2008 , 78,	3.3	6
123	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
122	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
121	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
120	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
119	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
118	Magnetization decay in neutron irradiated MgB ₂ bulk samples. <i>Journal of Applied Physics</i> , 2008 , 104, 013903	2.5	
117	. <i>IEEE Transactions on Applied Superconductivity</i> , 2008 , 18, 1175-1178	1.8	22
116	Two-band parallel conductivity at terahertz frequencies in the superconducting state of MgB ₂ . <i>Physical Review B</i> , 2008 , 77,	3.3	18
115	Radiation damaged MgB ₂ : a comparison with A15 superconductors. <i>Journal of Physics: Conference Series</i> , 2008 , 97, 012327	0.3	1
114	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
113	Neutron irradiation effects on two gaps in MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 456, 144-152	1.3	12
112	Point-contact study of the role of non-magnetic impurities and disorder in the superconductivity of MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 975-976	1.3	
111	Observation of the gap merging in neutron irradiated MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 560-561	1.3	1
110	Thickness effect on the structure and superconductivity of Nd _{1.2} Ba _{1.8} Cu ₃ O _{7+x} epitaxial films. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 724-725	1.3	1
109	Scanning tunneling spectroscopy on neutron irradiated MgB ₂ thin films. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 574-575	1.3	
108	Role of charge doping and lattice distortions in codoped Mg _{1-x} (AlLi) _x B ₂ compounds. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 598-599	1.3	3
107	Paraconductivity of MgB ₂ thin films. <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 460-462, 608-609	1.3	2

106	Neutron irradiation on MgB ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2007 , 463-465, 211-215	1.3	31
105	Intraband vs. interband scattering rate effects in neutron irradiated MgB ₂ . <i>Europhysics Letters</i> , 2007 , 77, 57005	1.6	26
104	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
103	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
102	Effects of Neutron Irradiation on Magnesium Diboride Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2007 , 17, 2858-2861	1.8	1
101	Point-Contact Spectroscopy in Doped and Irradiated MgB ₂ . <i>Advances in Science and Technology</i> , 2006 , 47, 75-81	0.1	
100	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
99	Effects of neutron irradiation on polycrystalline Mg ₁ B ₂ . <i>Physical Review B</i> , 2006 , 73,	3.3	91
98	Raman spectra of neutron-irradiated and Al-doped MgB ₂ . <i>Physical Review B</i> , 2006 , 74,	3.3	27
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