

Kazumasa Iida

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201
papers

3,131
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208
ext. papers

3,355
ext. citations

2.7
avg, IF

4.88
L-index

#	Paper	IF	Citations
201	A practical route for the fabrication of large single-crystal (RE)-Ba-Cu-O superconductors. <i>Nature Materials</i> , 2005 , 4, 476-80	27	111
200	Strong T _c dependence for strained epitaxial Ba(Fe _{1-x} Co _x) ₂ As ₂ thin films. <i>Applied Physics Letters</i> , 2009 , 95, 192501	3.4	102
199	Seeded infiltration and growth of large, single domain YBaCuO bulk superconductors with very high critical current densities. <i>Superconductor Science and Technology</i> , 2005 , 18, 1421-1427	3.1	95
198	Hgh-Performance Ferrite Magnets: M-Type Sr-Ferrite Containing Lanthanum and Cobalt.. <i>Journal of the Magnetics Society of Japan</i> , 1999 , 23, 1093-1096		74
197	Epitaxial Growth of Superconducting Ba(Fe _{1-x} Co _x) ₂ As ₂ Thin Films on Technical Ion Beam Assisted Deposition MgO Substrates. <i>Applied Physics Express</i> , 2011 , 4, 013103	2.4	73
196	Scaling behavior of the critical current in clean epitaxial Ba(Fe _{1-x} Co _x) ₂ As ₂ thin films. <i>Physical Review B</i> , 2010 , 81,	3.3	70
195	Direct observation of the superconducting energy gap in the optical conductivity of the iron pnictide superconductor Ba(Fe _{0.9} Co _{0.1}) ₂ As ₂ . <i>Physical Review B</i> , 2010 , 81,	3.3	60
194	Critical current scaling and anisotropy in oxypnictide superconductors. <i>Physical Review Letters</i> , 2011 , 106, 137001	7.4	56
193	Batch-processed GdBCOAg bulk superconductors fabricated using generic seeds with high trapped fields. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, 685-688	1.3	55
192	Coherent interfacial bonding on the FeAs tetrahedron in Fe/Ba(Fe _{1-x} Co _x) ₂ As ₂ bilayers. <i>Applied Physics Letters</i> , 2010 , 97, 022506	3.4	53
191	Strain induced superconductivity in the parent compound BaFe ₂ As ₂ . <i>Nature Communications</i> , 2013 , 4, 2877	17.4	51
190	Influence of Fe buffer thickness on the crystalline quality and the transport properties of Fe/Ba(Fe _{1-x} Co _x) ₂ As ₂ bilayers. <i>Applied Physics Letters</i> , 2010 , 97, 172507	3.4	51
189	BaFe _{1.8} Co _{0.2} As ₂ thin film hybrid Josephson junctions. <i>Applied Physics Letters</i> , 2010 , 97, 172504	3.4	50
188	Highly anisotropic energy gap in superconducting Ba(Fe _{0.9} Co _{0.1}) ₂ As ₂ from optical conductivity measurements. <i>Physical Review B</i> , 2010 , 82,	3.3	46
187	The effect of Y-211 precursor particle size on the microstructure and properties of YBaCuO bulk superconductors fabricated by seeded infiltration and growth. <i>Superconductor Science and Technology</i> , 2006 , 19, 711-718	3.1	46
186	Versatile fluoride substrates for Fe-based superconducting thin films. <i>Applied Physics Letters</i> , 2013 , 102, 142601	3.4	44
185	Architecture, microstructure and J _c anisotropy of highly oriented biaxially textured Co-doped BaFe ₂ As ₂ on Fe/IBAD-MgO-buffered metal tapes. <i>Superconductor Science and Technology</i> , 2012 , 25, 084019	3.1	44

184	Fabrication of high performance light rare earth based single-grain superconductors in air. <i>Applied Physics Letters</i> , 2005 , 87, 202506	3-4	44
183	Intrinsic pinning and the critical current scaling of clean epitaxial Fe(Se,Te) thin films. <i>Physical Review B</i> , 2013 , 87,	3-3	42
182	Generic Fe buffer layers for Fe-based superconductors: Epitaxial FeSe _{1-x} Te _x thin films. <i>Applied Physics Letters</i> , 2011 , 99, 202503	3-4	42
181	Fe-based superconducting thin films on metallic substrates: Growth, characteristics, and relevant properties. <i>Applied Physics Reviews</i> , 2018 , 5, 031304	17-3	41
180	YBa ₂ Cu ₃ O _{7-x} /Y ₂ Ba ₄ CuMO ₄ single grain nanocomposite superconductors with high critical current densities. <i>Superconductor Science and Technology</i> , 2006 , 19, S461-S465	3-1	40
179	High field superconducting properties of Ba(Fe _{1-x} Cox) ₂ As ₂ thin films. <i>Scientific Reports</i> , 2015 , 5, 17363	4-9	39
178	Oxypnictide SmFeAs(O,F) superconductor: a candidate for high-field magnet applications. <i>Scientific Reports</i> , 2013 , 3, 2139	4-9	39
177	Epitaxial LaFeAsO _{1-x} F _x thin films grown by pulsed laser deposition. <i>Superconductor Science and Technology</i> , 2010 , 23, 022002	3-1	39
176	Seeded infiltration and growth of single-domain GdBaCuO ₃ bulk superconductors using a generic seed crystal. <i>Superconductor Science and Technology</i> , 2006 , 19, S478-S485	3-1	39
175	The effect of nano-size ZrO ₂ powder addition on the microstructure and superconducting properties of single-domain YBaCuO ₃ bulk superconductors. <i>Superconductor Science and Technology</i> , 2005 , 18, 249-254	3-1	35
174	Properties of GdBCO bulk superconductors melt-processed in air using a Mg-doped NdBaCuO ₃ generic seed crystal. <i>Superconductor Science and Technology</i> , 2007 , 20, 38-43	3-1	34
173	Joining Y123 bulk superconductors using Yb-Ba-Cu-O and Er-Ba-Cu-O solders. <i>Superconductor Science and Technology</i> , 2002 , 15, 712-716	3-1	33
172	Fe-based superconducting thin films preparation and tuning of superconducting properties. <i>Superconductor Science and Technology</i> , 2019 , 32, 093001	3-1	32
171	Recent progress in thin-film growth of Fe-based superconductors: superior superconductivity achieved by thin films. <i>Superconductor Science and Technology</i> , 2018 , 31, 093001	3-1	32
170	Superconducting joint of YBaCuO ₃ superconductors using ErBaCuO ₃ solder. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 370, 53-58	1-3	32
169	Intrinsic and extrinsic pinning in NdFeAs(O,F): vortex trapping and lock-in by the layered structure. <i>Scientific Reports</i> , 2016 , 6, 36047	4-9	30
168	High-field transport properties of a P-doped BaFeAs film on technical substrate. <i>Scientific Reports</i> , 2017 , 7, 39951	4-9	29
167	Unusually high critical current of clean P-doped BaFe ₂ As ₂ single crystalline thin film. <i>Applied Physics Letters</i> , 2015 , 106, 072602	3-4	28

166	Tracing the s^{\pm} symmetry in iron pnictides by controlled disorder. <i>Physical Review B</i> , 2016 , 93,	3.3	28
165	YBCO bulk of the superconducting bearing for a 10 kWh flywheel. <i>Superconductor Science and Technology</i> , 2002 , 15, 842-845	3.1	28
164	Edge-type Josephson junctions with Co-doped Ba-122 thin films. <i>Superconductor Science and Technology</i> , 2012 , 25, 084020	3.1	27
163	GdBaCuO bulk superconductors fabricated by a seeded infiltration growth technique under reduced oxygen partial pressure. <i>Superconductor Science and Technology</i> , 2006 , 19, 641-647	3.1	27
162	Reversible shift in the superconducting transition for La _{1.85} Sr _{0.15} CuO ₄ and BaFe _{1.8} Co _{0.2} As ₂ using piezoelectric substrates. <i>New Journal of Physics</i> , 2010 , 12, 103030	2.9	26
161	Hall-plot of the phase diagram for Ba(Fe _{1-x} Co _x) ₂ As ₂ . <i>Scientific Reports</i> , 2016 , 6, 28390	4.9	25
160	Electronic phase diagram of disordered Co doped BaFe ₂ As ₂ . <i>Superconductor Science and Technology</i> , 2013 , 26, 025014	3.1	25
159	Top seeded melt growth of GdBaCuO single grain superconductors. <i>Superconductor Science and Technology</i> , 2010 , 23, 034008	3.1	25
158	Critical current densities in ultrathin Ba(Fe,Co) ₂ As ₂ microbridges. <i>Physical Review B</i> , 2011 , 83,	3.3	25
157	The influence of the buffer layer architecture on transport properties for BaFe _{1.8} Co _{0.2} As ₂ films on technical substrates. <i>Applied Physics Letters</i> , 2012 , 100, 122602	3.4	25
156	Two-band Bardeen-Cooper-Schrieffer superconducting state of the iron pnictide compound Ba(Fe _{0.9} Co _{0.1}) ₂ As ₂ . <i>Physical Review B</i> , 2011 , 83,	3.3	24
155	The effect of size, morphology and crystallinity of seed crystals on the nucleation and growth of YBaCuO single-grain superconductors. <i>Superconductor Science and Technology</i> , 2005 , 18, 64-72	3.1	23
154	Growth Rate and Superconducting Properties of Gd-Ba-Cu-O Bulk Superconductors Melt Processed in Air. <i>IEEE Transactions on Applied Superconductivity</i> , 2007 , 17, 2984-2987	1.8	22
153	Enhanced magnetic flux pinning in nano-composite YBaCuO superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 353-356	1.3	22
152	Highly textured oxypnictide superconducting thin films on metal substrates. <i>Applied Physics Letters</i> , 2014 , 105, 172602	3.4	21
151	Flux pinning in melt-processed nanocomposite single-grain superconductors. <i>Superconductor Science and Technology</i> , 2007 , 20, S141-S146	3.1	21
150	Processing of high performance (LRE)-BaCuO large, single-grain bulk superconductors in air. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 286-290	1.3	21
149	Surface transport properties of Fe-based superconductors: The influence of degradation and inhomogeneity. <i>Applied Physics Letters</i> , 2013 , 103, 052601	3.4	20

148	Induced lattice strain in epitaxial Fe-based superconducting films on CaF ₂ substrates: A comparative study of the microstructures of SmFeAs(O,F), Ba(Fe,Co) ₂ As ₂ , and FeTe _{0.5} Se _{0.5} . <i>Applied Physics Letters</i> , 2014 , 104, 122603	3.4	20
147	J_c Scaling and Anisotropies in Co-Doped Ba-122 Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2011 , 21, 2887-2890	1.8	20
146	Thickness dependence of structural and transport properties of Co-doped BaFe ₂ As ₂ on Fe buffered MgO substrates. <i>Superconductor Science and Technology</i> , 2011 , 24, 125009	3.1	20
145	BaHfO_3 -Doped Thick $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ Films on Highly Alloyed Textured Ni-W Tapes. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-4	1.8	19
144	Probing transport mechanisms of BaFeAs ₂ superconducting films and grain boundary junctions by noise spectroscopy. <i>Scientific Reports</i> , 2014 , 4, 6163	4.9	19
143	Strongly Coupled Artificial Bulk HTS Grain Boundaries With High Critical Current Densities. <i>IEEE Transactions on Applied Superconductivity</i> , 2007 , 17, 2949-2952	1.8	19
142	Fabrication of superconducting oxypnictide thin films. <i>Europhysics Letters</i> , 2010 , 90, 57005	1.6	18
141	Magnetocrystalline Anisotropy of M-Type Sr-Ferrite Containing Lanthanum and Cobalt.. <i>Journal of the Magnetism Society of Japan</i> , 1999 , 23, 1097-1100		18
140	Bicrystalline Grain Boundary and Hybrid SNS Junctions Based on Ba-122 Thin Films. <i>IEEE Transactions on Applied Superconductivity</i> , 2013 , 23, 7300104-7300104	1.8	17
139	Anisotropy of iron-platinum-arsenide Ca ₁₀ (Pt _n As ₈)(Fe ₂ Pt _x As ₂) ₅ single crystals. <i>Applied Physics Letters</i> , 2015 , 107, 012602	3.4	17
138	High-performance single grain YBaCuO bulk superconductor fabricated by seeded infiltration and growth. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 277-281	1.3	17
137	Structural and pinning properties of Y ₂ Ba ₄ CuMO _y (M = Nb, Zr)/YBa ₂ Cu ₃ O ₇ quasi-multilayers fabricated by off-axis pulsed laser deposition. <i>Superconductor Science and Technology</i> , 2009 , 22, 105004	3.1	16
136	Silver-doped YBaCuO bulk superconductors fabricated by seeded infiltration and growth. <i>Superconductor Science and Technology</i> , 2007 , 20, 1065-1070	3.1	16
135	The effect of seed orientation and separation on the field trapping properties of multi-seeded, melt processed YBaCuO. <i>Physica C: Superconductivity and Its Applications</i> , 2006 , 445-448, 382-386	1.3	16
134	Superconducting properties of Ba(Fe _{1-x} Ni _x) ₂ As ₂ thin films in high magnetic fields. <i>Applied Physics Letters</i> , 2017 , 110, 022601	3.4	15
133	Mg-doped Nd-Ba-Cu-O generic seed crystals for the top-seeded melt growth of large-grain (rare earth)-Ba-Cu-O bulk superconductors. <i>Journal of Materials Research</i> , 2006 , 21, 1355-1362	2.5	15
132	Planar hybrid superconductor-normal metal-superconductor thin film junctions based on BaFe _{1.8} Co _{0.2} As ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2012 , 478, 15-18	1.3	14
131	The influence of Gd-2411(Nb) on the superconducting properties of GdBCO/Ag single grains. <i>Superconductor Science and Technology</i> , 2009 , 22, 075025	3.1	14

130	Electrochemical Deposition of FeSe on RABiTS Tapes. <i>Journal of the Physical Society of Japan</i> , 2016 , 85, 015001	1.5	13
129	Investigation of TiOx barriers for their use in hybrid Josephson and tunneling junctions based on pnictide thin films. <i>Journal of Applied Physics</i> , 2014 , 115, 083901	2.5	13
128	Control of Y2BaCuO5 particle formation in bulk, single grain YBaCuO. <i>Superconductor Science and Technology</i> , 2009 , 22, 065011	3.1	13
127	Processing of large, single grain YBa2Cu3O7-x/Y2BaCuO5/Y2Ba4CuNbOy bulk composites. <i>Physica C: Superconductivity and Its Applications</i> , 2005 , 426-431, 520-526	1.3	13
126	Liquid Phase Epitaxial Growth of (Bi, Lu)3(Fe, Ga)5O12 Films with In-Plane Anisotropy for Magneto-Optical Imaging. <i>Japanese Journal of Applied Physics</i> , 2005 , 44, 1734-1739	1.4	13
125	Fabrication of high performance Y-123/Y-24Nb1/Ag single grain composites. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 1173-1177	1.3	12
124	Influence of substrate type on transport properties of superconducting FeSe0.5Te0.5 thin films. <i>Superconductor Science and Technology</i> , 2015 , 28, 065005	3.1	11
123	Josephson effects at iron pnictide superconductors: Approaching phase-sensitive experiments. <i>Physica Status Solidi (B): Basic Research</i> , 2017 , 254, 1600165	1.3	11
122	Doping and critical-temperature dependence of the energy gaps in Ba(Fe1-xCox)2As2 thin films. <i>Physical Review B</i> , 2013 , 88,	3.3	11
121	A practical processing method for the fabrication of high performance, single grain (LRE)-BaCuO superconductors. <i>Superconductor Science and Technology</i> , 2006 , 19, S510-S516	3.1	11
120	Joining of different YBaCuO blocks. <i>Physica C: Superconductivity and Its Applications</i> , 2004 , 402, 119-126	1.3	11
119	The effect of the addition of zirconium-containing compounds on the microstructure and superconducting properties of mono-domain YBaCuO bulk superconductors. <i>Superconductor Science and Technology</i> , 2005 , 18, 704-709	3.1	11
118	Direct growth of superconducting NdFeAs(O,F) thin films by MBE. <i>Physica C: Superconductivity and Its Applications</i> , 2015 , 518, 69-72	1.3	10
117	Investigation of the Electrical Field Sensitivity of Sub- μ m YBaCuO Detectors. <i>IEEE Transactions on Applied Superconductivity</i> , 2015 , 25, 1-6	1.8	10
116	Grain boundary characteristics of Fe-based superconductors. <i>Superconductor Science and Technology</i> , 2020 , 33, 043001	3.1	10
115	BaFe2As2/Fe Bilayers with [001]-tilt Grain Boundary on MgO and SrTiO3 Bicrystal Substrates. <i>Physics Procedia</i> , 2013 , 45, 189-192		10
114	Fe/Ba(Fe1-xCox)2As2 multilayers and quasi-multilayers with Tc = 29 K. <i>Physica C: Superconductivity and Its Applications</i> , 2013 , 494, 185-188	1.3	10
113	Irreversibility field up to 42 T of GdBa2Cu3O7-x thin films grown by PLD and its dependence on deposition parameters. <i>Superconductor Science and Technology</i> , 2010 , 23, 105017	3.1	10

112	Bulk Superconducting Nano-Composites With High Critical Currents. <i>IEEE Transactions on Applied Superconductivity</i> , 2007 , 17, 2953-2956	1.8	10
111	The effect of 45° grain boundaries and associated Fe particles on Jc and resistivity in Ba(Fe _{0.9} Co _{0.1}) ₂ As ₂ thin films 2014 ,		9
110	Observation of multiple superconducting gaps in the infrared reflectivity spectra of Ba(Fe _{0.9} Co _{0.1}) ₂ As ₂ . <i>JETP Letters</i> , 2012 , 94, 719-722	1.2	9
109	Recycling of multi-grain, melt processed bulk (RE)BCO superconductors. <i>Superconductor Science and Technology</i> , 2010 , 23, 065012	3.1	9
108	Recycling process for 123-type bulk superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 1153-1156	1.3	9
107	Processing of bulk SmBaCuO nano-composite superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2008 , 468, 1340-1344	1.3	9
106	Optimum processing conditions for the fabrication of large, single grain Ag-doped YBCO bulk superconductors. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 151, 2-6	3.1	9
105	Nano-composite single grain YBa ₂ Cu ₃ O _{7-x} /Y ₂ Ba ₄ CuBiO _y bulk superconductors. <i>Journal of Physics: Conference Series</i> , 2006 , 43, 377-380	0.3	9
104	Fabrication and evaluation of superconducting bearing module for 10 kWh flywheel. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 378-381, 883-887	1.3	9
103	Ambipolar suppression of superconductivity by ionic gating in optimally doped BaFe ₂ (As,P) ₂ ultrathin films. <i>Physical Review Materials</i> , 2019 , 3,	3.2	9
102	p-wave superconductivity in iron-based superconductors. <i>Scientific Reports</i> , 2019 , 9, 14245	4.9	8
101	Iron-Based Superconducting Nanowires: Electric Transport and Voltage-Noise Properties. <i>Nanomaterials</i> , 2020 , 10,	5.4	8
100	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
99	The effect of very high barium content in the precursor on the properties of GdBCO single grain bulk superconductors. <i>Journal of Materials Research</i> , 2009 , 24, 10-18	2.5	8
98	Fabrication of high performance GdBaCuO single grains in air using a practical melt processing technique. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 1146-1152	1.3	8
97	The microstructure and properties of single grain bulk Ag-doped YBaCuO fabricated by seeded infiltration and growth. <i>Physica C: Superconductivity and Its Applications</i> , 2008 , 468, 1387-1390	1.3	8
96	Effect of CeO ₂ addition on microstructure and magnetic properties in (Nd,Eu,Gd)BaCuO. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 357-360, 665-668	1.3	8
95	Microscopic origin of highly enhanced current carrying capabilities of thin NdFeAs(O,F) films. <i>Nanoscale Advances</i> , 2019 , 1, 3036-3048	5.1	7

94	Grain boundary characteristics of oxyaptnictide NdFeAs(O,F) superconductors. <i>Superconductor Science and Technology</i> , 2019 , 32, 074003	3.1	7
93	ISS2011 Development of iron-based superconducting devices. <i>Physics Procedia</i> , 2012 , 27, 296-299		7
92	Hall effect measurements of high-quality Mn ₃ CuN thin films and the electronic structure. <i>Physical Review B</i> , 2017 , 96,	3.3	7
91	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
90	Joining of YBaCuO/Ag bulk superconductors using ErBaCuO/Ag solder. <i>Superconductor Science and Technology</i> , 2004 , 17, S46-S50	3.1	7
89	Superconducting properties of NdBaCuO fabricated in air. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 372-376, 1152-1154	1.3	7
88	Irreversible field determined by pulsed magnetization and compositional fluctuation of melt-processed (Sm,Eu,Gd)Ba ₂ Cu ₃ O _{7-x} superconductors. <i>Superconductor Science and Technology</i> , 2005 , 18, 58-63	3.1	7
87	Large single grain (RE)-Ba-Cu-O superconductors with nano-phase inclusions. <i>IEEE Transactions on Applied Superconductivity</i> , 2005 , 15, 3090-3093	1.8	7
86	Superconducting properties of large grain (Sm, Gd)-Ba-Cu-O blocks. <i>Superconductor Science and Technology</i> , 2000 , 13, 679-682	3.1	7
85	Observation of zero resistance in as-electrodeposited FeSe. <i>Solid State Communications</i> , 2018 , 270, 72-75.6		7
84	FABRICATION OF GRAIN BOUNDARY JUNCTIONS USING NdFeAs(O,F) SUPERCONDUCTING THIN FILMS. <i>Journal of Physics: Conference Series</i> , 2018 , 1054, 012024	0.3	7
83	Vortex glass-liquid transition and activated flux motion in an epitaxial, superconducting NdFeAs(O,F) thin film. <i>MRS Communications</i> , 2018 , 8, 1433-1438	2.7	7
82	Selective mass enhancement close to the quantum critical point in BaFe(As P). <i>Scientific Reports</i> , 2017 , 7, 4589	4.9	6
81	The effect of Ag and Y-24W1 addition on the microstructure and superconducting properties of single grain YBaCuO. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 151, 40-46	3.1	6
80	Strong coupled joint for YBaCuO superconductors using a sintered ErBaCuO solder. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 378-381, 622-626	1.3	6
79	Engineering of J _c characteristics of REBaCuO melt-textured superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 378-381, 707-712	1.3	6
78	Mechanical properties of YBaCuO blocks welded by ErBaCuO solder. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 392-396, 673-676	1.3	6
77	Hybrid Josephson Junctions with Iron-based and Conventional Superconductor Electrodes. <i>Journal of Superconductivity and Novel Magnetism</i> , 2015 , 28, 1117-1121	1.5	5

76	Effect of γ -particle irradiation on a NdFeAs(O,F) thin film. <i>Superconductor Science and Technology</i> , 2018 , 31, 034002	3.1	5
75	Advanced surface characterization of Ba(Fe _{0.92} Co _{0.08}) ₂ As ₂ epitaxial thin films. <i>Applied Surface Science</i> , 2014 , 312, 23-29	6.7	5
74	Intra-gap Absorption in Superconducting Ba(Fe _{1-x} Co _x) ₂ As ₂ Thin Films Studied by a Fabry-Pérot Resonant Technique. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013 , 26, 1227-1231	1.5	5
73	Excess currents in planar Ba(FeCo)As/TiO/Pb Josephson junctions. <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 2858-2866	1.3	5
72	Pulsed laser deposition of thick BaHfO ₃ -doped YBa ₂ Cu ₃ O _{7-x} films on highly alloyed textured Ni-W tapes. <i>Journal of Physics: Conference Series</i> , 2014 , 507, 022032	0.3	5
71	Surface properties of Co-doped BaFe ₂ As ₂ thin films deposited on MgO with Fe buffer layer and CaF ₂ substrates. <i>Applied Surface Science</i> , 2014 , 312, 182-187	6.7	5
70	Changes in the in- and out-of-plane magnetic susceptibility of YBCO crystals with temperature and hole content. <i>Europhysics Letters</i> , 2012 , 98, 57011	1.6	5
69	Influence of Sm ₂ Ba ₄ CuBiO _y phase content on J _c of SmBa ₂ Cu ₃ O ₇ /Sm ₂ Ba ₄ CuBiO _y nano-composites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 151, 21-24	3.1	5
68	Superconducting properties and microstructures of Er _{1-x} Ba _x Cu ₃ O _{7-x} superconductor. <i>Superconductor Science and Technology</i> , 2003 , 16, 699-706	3.1	5
67	Welding of different YBaCuO blocks. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 392-396, 437-440	1.3	5
66	Relationship between undercooling and growth rate of Nd ₁₂₃ /Ag in air. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 357-360, 677-680	1.3	5
65	Nonmonotonic and anisotropic magnetoresistance effect in antiferromagnet CaMn ₂ Bi ₂ . <i>Physical Review B</i> , 2018 , 97,	3.3	4
64	The Order-Parameter Symmetry and Fermi Surface Topology of 122 Fe-Based Superconductors: A Point-Contact Andreev-Reflection Study. <i>Journal of Superconductivity and Novel Magnetism</i> , 2013 , 26, 1331-1337	1.5	4
63	Josephson and Tunneling Junctions with Thin Films of Iron based Superconductors. <i>Physics Procedia</i> , 2012 , 36, 82-87		4
62	Effect of addition of planetary milled Gd ₂₁₁ on the microstructures and superconducting properties of air-processed single grain GdBaCuO/Ag bulk superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, 1153-1157	1.3	4
61	Single domain YBCO/Ag bulk superconductors fabricated by seeded infiltration and growth. <i>Journal of Physics: Conference Series</i> , 2008 , 97, 012105	0.3	4
60	Refinement of Nd ₄ Ba ₂ Cu ₂ O ₁₀ particle in the superconducting matrix. <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 350, 115-126	1.3	4
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