Kazumasa Iida

List of Publications by Year in descending order

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207	3,587	117453	205818
papers	citations	34 h-index	48 g-index

208	208	208	1669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A practical route for the fabrication of large single-crystal (RE)â€“Baâ€“Cuâ€“O superconductors. Nature Materials, 2005, 4, 476-480.	13.3	125
2	Strong Tc dependence for strained epitaxial Ba(Fe1â^'xCox)2As2 thin films. Applied Physics Letters, 2009, 95, .	1.5	106
3	Seeded infiltration and growth of large, single domain Yâ€“Baâ€“Cuâ€“O bulk superconductors with very high critical current densities. Superconductor Science and Technology, 2005, 18, 1421-1427.	1.8	100
4	Hgh-Performance Ferrite Magnets: M-Type Sr-Ferrite Containing Lanthanum and Cobalt.. Journal of the Magnetics Society of Japan, 1999, 23, 1093-1096.	0.4	94
5	Epitaxial Growth of Superconducting Ba(Fe_{1-x}Co_x)₂As₂Thin Films on Technical Ion Beam Assisted Deposition MgO Substrates. Applied Physics Express, 2011, 4, 013103.	1.1	79
6	Scaling behavior of the critical current in clean epitaxial<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>Ba</mml:mtext><mml:msub><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow> Physical Review B, 2010, 81, .	1.1	72
7	Batch-processed GdBCOâ€“Ag bulk superconductors fabricated using generic seeds with high trapped fields. Physica C: Superconductivity and Its Applications, 2010, 470, 685-688.	0.6	64
8	Direct observation of the superconducting energy gap in the optical conductivity of the iron pnictide superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
19	Highly anisotropic energy gap in superconductingBa(Fe0.9Co0.1)2As2from optical conductivity measurements. Physical Review B, 2010, 82, .	1.1	47
20	Fabrication of high performance light rare earth based single-grain superconductors in air. Applied Physics Letters, 2005, 87, 202506.	1.5	46
21	Versatile fluoride substrates for Fe-based superconducting thin films. Applied Physics Letters, 2013, 102, .	1.5	45
22	Generic Fe buffer layers for Fe-based superconductors: Epitaxial FeSe1â^'xTex thin films. Applied Physics Letters, 2011, 99, .	1.5	44
23	Recent progress in thin-film growth of Fe-based superconductors: superior superconductivity achieved by thin films. Superconductor Science and Technology, 2018, 31, 093001.	1.8	44
24	Epitaxial LaFeAsO_{1â^'x}F_xthin films grown by pulsed laser deposition. Superconductor Science and Technology, 2010, 23, 022002.	1.8	43
25	Seeded infiltration and growth of single-domain Gdâ€“Baâ€“Cuâ€“O bulk superconductors using a generic seed crystal. Superconductor Science and Technology, 2006, 19, S478-S485.	1.8	42
26	Oxypnictide SmFeAs(O,F) superconductor: a candidate for highâ€“field magnet applications. Scientific Reports, 2013, 3, 2139.	1.6	42
27	Fe-based superconducting thin filmsâ€”preparation and tuning of superconducting properties. Superconductor Science and Technology, 2019, 32, 093001.	1.8	42
28	YBa2Cu3O7â^'Î'/Y2Ba4CuMOysingle grain nanocomposite superconductors with high critical current densities. Superconductor Science and Technology, 2006, 19, S461-S465.	1.8	40
29	Superconducting joint of Yâ€“Baâ€“Cuâ€“O superconductors using Erâ€“Baâ€“Cuâ€“O solder. Physica C: Superconductivity and Its Applications, 2002, 370, 53-58.	0.6	39
30	Joining Y123 bulk superconductors using Yb$ndash$Ba$ndash$Cu$ndash$O and Er$ndash$Ba$ndash$Cu$ndash$O solders. Superconductor Science and Technology, 2002, 15, 712-716.	1.8	38
31	High-field transport properties of a P-doped BaFe2As2 film on technical substrate. Scientific Reports, 2017, 7, 39951.	1.6	38
32	YBCO bulk of the superconducting bearing for a 10 kWh flywheel. Superconductor Science and Technology, 2002, 15, 842-845.	1.8	37
33	The effect of nano-size ZrO2powder addition on the microstructure and superconducting properties of single-domain Yâ€“Baâ€“Cuâ€“O bulk superconductors. Superconductor Science and Technology, 2005, 18, 249-254.	1.8	37
34	Properties of GdBCO bulk superconductors melt-processed in air using a Mg-doped Ndâ€“Baâ€“Cuâ€“O generic seed crystal. Superconductor Science and Technology, 2007, 20, 38-43.	1.8	36
35	Intrinsic and extrinsic pinning in NdFeAs(O,F): vortex trapping and lock-in by the layered structure. Scientific Reports, 2016, 6, 36047.	1.6	35
36	Tracing the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>s</mml:mi><mml:mo>Â±</mml:mo></mml:msub></mml: in iron pnictides by controlled disorder. Physical Review B, 2016, 93, .	1.1	35

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37	Top seeded melt growth of Gdâ€“Baâ€“Cuâ€“O single grain superconductors. Superconductor Science and Technology, 2010, 23, 034008.	1.8	31
38	Unusually high critical current of clean P-doped BaFe2As2 single crystalline thin film. Applied Physics Letters, 2015, 106, 072602.	1.5	31
39	Edge-type Josephson junctions with Co-doped Ba-122 thin films. Superconductor Science and Technology, 2012, 25, 084020.	1.8	30
40	Hall-plot of the phase diagram for Ba(Fe1â^'xCox)2As2. Scientific Reports, 2016, 6, 28390.	1.6	30
41	The effect of size, morphology and crystallinity of seed crystals on the nucleation and growth of Yâ€“Baâ€“Cuâ€“O single-grain superconductors. Superconductor Science and Technology, 2005, 18, 64-72.	1.8	29
42	Reversible shift in the superconducting transition for La_{1.85}Sr_{0.15}CuO₄and BaFe_{1.8}Co_{0.2}As₂using piezoelectric substrates. New Journal of Physics, 2010, 12, 103030.	1.2	29
43	Gdâ€“Baâ€“Cuâ€“O bulk superconductors fabricated by a seeded infiltration growth technique under reduced oxygen partial pressure. Superconductor Science and Technology, 2006, 19, 641-647.	1.8	27
44	The influence of the buffer layer architecture on transport properties for BaFe1.8Co0.2As2 films on technical substrates. Applied Physics Letters, 2012, 100, .	1.5	27
45	Grain boundary characteristics of Fe-based superconductors. Superconductor Science and Technology, 2020, 33, 043001.	1.8	27
46	Critical current densities in ultrathin Ba(Fe,Co)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>As<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mro	1.1	26
47			

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55	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
56	$J_{m c}$ Scaling and Anisotropies in Co-Doped Ba-122 Thin Films. IEEE Transactions on Applied Superconductivity, 2011, 21, 2887-2890.	1.1	22
57	Induced lattice strain in epitaxial Fe-based superconducting films on CaF2 substrates: A comparative study of the microstructures of SmFeAs(O,F), Ba(Fe,Co)2As2, and FeTe0.5Se0.5. Applied Physics Letters, 2014, 104, .	1.5	22
58	Processing of high performance (LRE)-Baâ€“Cuâ€“O large, single-grain bulk superconductors in air. Physica C: Superconductivity and Its Applications, 2006, 445-448, 286-290.	0.6	21
59	Thickness dependence of structural and transport properties of Co-doped BaFe2As2on Fe buffered MgO substrates. Superconductor Science and Technology, 2011, 24, 125009.	1.8	21
60	Surface transport properties of Fe-based superconductors: The influence of degradation and inhomogeneity. Applied Physics Letters, 2013, 103, .	1.5	21
61	Magnetocrystalline Anisotropy of M-Type Sr-Ferrite Containing Lanthanum and Cobalt.. Journal of the Magnetics Society of Japan, 1999, 23, 1097-1100.	0.4	21
62	Silver-doped Yâ€“Baâ€“Cuâ€“O bulk superconductors fabricated by seeded infiltration and growth. Superconductor Science and Technology, 2007, 20, 1065-1070.	1.8	20
63	Anisotropy of iron-platinum-arsenide Ca10(PtnAs8)(Fe2â^'xPtxAs2)5 single crystals. Applied Physics Letters, 2015, 107, .	1.5	20
64	Strongly Coupled Artificial Bulk HTS Grain Boundaries With High Critical Current Densities. IEEE Transactions on Applied Superconductivity, 2007, 17, 2949-2952.	1.1	19
65	High-performance single grain Yâ€“Baâ€“Cuâ€“O bulk superconductor fabricated by seeded infiltration and growth. Physica C: Superconductivity and Its Applications, 2006, 445-448, 277-281.	0.6	18
66	Fabrication of superconducting oxypnictide thin films. Europhysics Letters, 2010, 90, 57005.	0.7	18
67	Bicrystalline Grain Boundary and Hybrid SNS Junctions Based on Ba-122 Thin Films. IEEE Transactions on Applied Superconductivity, 2013, 23, 7300104-7300104.	1.1	18
68	The effect of seed orientation and separation on the field trapping properties of multi-seeded, melt processed Yâ€“Baâ€“Cuâ€“O. Physica C: Superconductivity and Its Applications, 2006, 445-448, 382-386.	0.6	17
69	The influence of Gd-2411(Nb) on the superconducting properties of GdBCO/Ag single grains. Superconductor Science and Technology, 2009, 22, 075025.	1.8	17
70	Electrochemical Deposition of FeSe on RABiTS Tapes. Journal of the Physical Society of Japan, 2016, 85, 015001.	0.7	17
71	Superconducting properties of Ba(Fe1â€“xNix)2As2 thin films in high magnetic fields. Applied Physics Letters, 2017, 110, .	1.5	17
72	Structural and pinning properties of Y2Ba4CuMOy(M = Nb,Zr)/YBa2Cu3O7â^'Î´quasi-multilayers fabricated by off-axis pulsed laser deposition. Superconductor Science and Technology, 2009, 22, 105004.	1.8	16

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73	Mg-doped Nd-Ba-Cu-O generic seed crystals for the top-seeded melt growth of large-grain (rare) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	15
74	Planar hybrid superconductor-normal metal-superconductor thin film junctions based on BaFe1.8Co0.2As2. Physica C: Superconductivity and Its Applications, 2012, 478, 15-18.	0.6	15
75	Josephson effects at iron pnictide superconductors: Approaching phaseâ€sensitive experiments. Physica Status Solidi (B): Basic Research, 2017, 254, 1600165.	0.7	15
76	p-wave superconductivity in iron-based superconductors. Scientific Reports, 2019, 9, 14245.	1.6	15
77	Iron-Based Superconducting Nanowires: Electric Transport and Voltage-Noise Properties. Nanomaterials, 2020, 10, 862.	1.9	15
78	Processing of large, single grain YBa2Cu3O7âˆ'Î´/Y2BaCuO5/Y2Ba4CuNbOy bulk composites. Physica C: Superconductivity and Its Applications, 2005, 426-431, 520-526.	0.6	14
79	Liquid Phase Epitaxial Growth of (Bi, Lu)3(Fe, Ga)5O12Films with In-Plane Anisotropy for Magneto-Optical Imaging. Japanese Journal of Applied Physics, 2005, 44, 1734-1739.	0.8	14
80	Doping and critical-temperature dependence of the energy gaps in Ba(Fe<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 487 Td (xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	14
81	Investigation of TiOx barriers for their use in hybrid Josephson and tunneling junctions based on pnictide thin films. Journal of Applied Physics, 2014, 115, 083901.	1.1	14
82	Fabrication and evaluation of superconducting bearing module for 10 kWh flywheel. Physica C: Superconductivity and Its Applications, 2002, 378-381, 883-887.	0.6	13
83	Joining of different Yâ€“Baâ€“Cuâ€“O blocks. Physica C: Superconductivity and Its Applications, 2004, 402, 119-126.	0.6	13
84	Control of Y₂BaCuO₅particle formation in bulk, single grain Yâ€“Baâ€“Cuâ€“O. Superconductor Science and Technology, 2009, 22, 065011.	1.8	13
85	The influence of the in-plane lattice constant on the superconducting transition temperature of FeSe0.7Te0.3 thin films. AIP Advances, 2017, 7, 065015.	0.6	13
86	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
87	Fabrication of high performance Y-123/Y-24Nb1/Ag single grain composites. Physica C: Superconductivity and Its Applications, 2009, 469, 1173-1177.	0.6	12
88	Observation of zero resistance in as-electrodeposited FeSe. Solid State Communications, 2018, 270, 72-75.	0.9	12
89	The effect of the addition of zirconium-containing compounds on the microstructure and superconducting properties of mono-domain Yâ€“Baâ€“Cuâ€“O bulk superconductors. Superconductor Science and Technology, 2005, 18, 704-709.	1.8	11
90	A practical processing method for the fabrication of high performance, single grain (LRE)-Baâ€“Cuâ€“O superconductors. Superconductor Science and Technology, 2006, 19, S510-S516.	1.8	11

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91	Nano-composite single grain YBa2Cu3O7-Î´/Y2Ba4CuBiOybulk superconductors. Journal of Physics: Conference Series, 2006, 43, 377-380.	0.3	11
92	Processing of bulk Smâ€“Baâ€“Cuâ€“O nano-composite superconductors. Physica C: Superconductivity and Its Applications, 2008, 468, 1340-1344.	0.6	11
93	Recycling process for 123-type bulk superconductors. Physica C: Superconductivity and Its Applications, 2009, 469, 1153-1156.	0.6	11
94	Recycling of multi-grain, melt processed bulk (RE)BCO superconductors. Superconductor Science and Technology, 2010, 23, 065012.	1.8	11
95	Fe/Ba(Fe1â^'xCox)2As2 multilayers and quasi-multilayers with Tc=29K. Physica C: Superconductivity and Its Applications, 2013, 494, 185-188.	0.6	11
96	Direct growth of superconducting NdFeAs(O,F) thin films by MBE. Physica C: Superconductivity and Its Applications, 2015, 518, 69-72.	0.6	11
97	Grain boundary characteristics of oxypnictide NdFeAs(O,F) superconductors. Superconductor Science and Technology, 2019, 32, 074003.	1.8	11
98	Ambipolar suppression of superconductivity by ionic gating in optimally doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mm ultrathin films. Physical Review Materials, 2019, 3, .	0.9	11
99	Bulk Superconducting Nano-Composites With High Critical Currents. IEEE Transactions on Applied Superconductivity, 2007, 17, 2953-2956.	1.1	10
100	Optimum processing conditions for the fabrication of large, single grain Ag-doped YBCO bulk superconductors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 2-6.	1.7	10
101	The effect of very high barium content in the precursor on the properties of GdBCO single grain bulk superconductors. Journal of Materials Research, 2009, 24, 10-18.	1.2	10
102	Irreversibility field up to 42 T of GdBa₂Cu₃O_{7-Î´}thin films grown by PLD and its dependence on deposition parameters. Superconductor Science and Technology, 2010, 23, 105017.	1.8	10
103	BaFe2As2/Fe Bilayers with [001]-tilt Grain Boundary on MgO and SrTiO3 Bicrystal Substrates. Physics Procedia, 2013, 45, 189-192.	1.2	10
104	Investigation of the Electrical Field Sensitivity of Sub-Î¼m Yâ€“Baâ€“Cuâ€“O Detectors. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.1	10
105	Strong coupled joint for Yâ€“Baâ€“Cuâ€“O superconductors using a sintered Erâ€“Baâ€“Cuâ€“O solder. Physica C: Superconductivity and Its Applications, 2002, 378-381, 622-626.	0.6	9
106	Joining of Yâ€“Baâ€“Cuâ€“O/Ag bulk superconductors using Erâ€“Baâ€“Cuâ€“O/Ag solder. Superconductor Science and Technology, 2004, 17, S46-S50.	1.8	9
107	The microstructure and properties of single grain bulk Ag-doped Yâ€“Baâ€“Cuâ€“O fabricated by seeded infiltration and growth. Physica C: Superconductivity and Its Applications, 2008, 468, 1387-1390.	0.6	9
108	Observation of multiple superconducting gaps in the infrared reflectivity spectra of Ba(Fe0.9Co0.1)2As2. JETP Letters, 2012, 94, 719-722.	0.4	9

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109	The effect of 45Â° grain boundaries and associated Fe particles on Jc and resistivity in Ba(Fe0.9Co0.1)2As2 thin films. , 2014, , .		9
110	Superconducting properties of large grain (Sm, Gd)-Ba-Cu-O blocks. Superconductor Science and Technology, 2000, 13, 679-682.	1.8	8
111	Effect of CeO2 addition on microstructure and magnetic properties in (Nd,Eu,Gd)â€“Baâ€“Cuâ€“O. Physica C: Superconductivity and Its Applications, 2001, 357-360, 665-668.	0.6	8
112	Fabrication of high performance Gdâ€“Baâ€“Cuâ€“O single grains in air using a practical melt processing technique. Physica C: Superconductivity and Its Applications, 2009, 469, 1146-1152.	0.6	8
113	Excess currents in planar Ba(FeCo)As/TiO/Pb Josephson junctions. Physica Status Solidi (B): Basic Research, 2015, 252, 2858-2866.	0.7	8
114	Hybrid Josephson Junctions with Iron-based and Conventional Superconductor Electrodes. Journal of Superconductivity and Novel Magnetism, 2015, 28, 1117-1121.	0.8	8
115	Selective mass enhancement close to the quantum critical point in BaFe2(As1â^'x P x)2. Scientific Reports, 2017, 7, 4589.	1.6	8
116	Deposition and properties of Fe(Se,Te) thin films on vicinal CaF₂substrates. Superconductor Science and Technology, 2017, 30, 115008.	1.8	8
117	Microscopic origin of highly enhanced current carrying capabilities of thin NdFeAs(O,F) films. Nanoscale Advances, 2019, 1, 3036-3048.	2.2	8
118	Approaching the ultimate superconducting properties of (Ba,K)Fe2As2 by naturally formed low-angle grain boundary networks. NPG Asia Materials, 2021, 13, .	3.8	8
119	Microstructure, pinning properties, and aging of CSD-grown SmBa₂Cu₃O_{7â^'Î´} films with and without BaHfO₃ nanoparticles. Superconductor Science and Technology, 2022, 35, 084009.	1.8	8
120	Superconducting properties of Ndâ€“Baâ€“Cuâ€“O fabricated in air. Physica C: Superconductivity and Its Applications, 2002, 372-376, 1152-1154.	0.6	7
121	Irreversible field determined by pulsed magnetization and compositional fluctuation of melt-processed (Sm,Eu,Gd)Ba2Cu3O7â^'Î´ superconductors. Superconductor Science and Technology, 2005, 18, 58-63.	1.8	7
122	Large Single Grain (RE)-Ba-Cu-O Superconductors With Nano-Phase Inclusions. IEEE Transactions on Applied Superconductivity, 2005, 15, 3090-3093.	1.1	7
123	ISS2011 Development of iron-based superconducting devices. Physics Procedia, 2012, 27, 296-299.	1.2	7
124	Hall effect measurements of high-quality <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi>CuN</mml:mi></mml:mrow></mml:math> thin films and the electronic structure. Physical Review B, 2017, 96, .	1.1	7
125	Effect ofÎ±-particle irradiation on a NdFeAs(O,F) thin film. Superconductor Science and Technology, 2018, 31, 034002.	1.8	7
126	FABRICATION OF GRAIN BOUNDARY JUNCTIONS USING NdFeAs(O,F) SUPERCONDUCTING THIN FILMS. Journal of Physics: Conference Series, 2018, 1054, 012024.	0.3	7

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127	Vortex glass-liquid transition and activated flux motion in an epitaxial, superconducting NdFeAs(O,F) thin film. MRS Communications, 2018, 8, 1433-1438.	0.8	7
128	Engineering of Jcâ€“B characteristics of REâ€“Baâ€“Cuâ€“O melt-textured superconductors. Physica C: Superconductivity and Its Applications, 2002, 378-381, 707-712.	0.6	6
129	Mechanical properties of Yâ€“Baâ€“Cuâ€“O blocks welded by Erâ€“Baâ€“Cuâ€“O solder. Physica C: Superconductivity and Its Applications, 2003, 392-396, 673-676.	0.6	6
130	Influence of Sm2Ba4CuBiO phase content on Jc of SmBa2Cu3O7/Sm2Ba4CuBiO nano-composites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 21-24.	1.7	6
131	The effect of Ag and Y-24W1 addition on the microstructure and superconducting properties of single grain Yâ€“Baâ€“Cuâ€“O. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 40-46.	1.7	6
132	Changes in the in- and out-of-plane magnetic susceptibility of YBCO crystals with temperature and hole content. Europhysics Letters, 2012, 98, 57011.	0.7	6
133	Intra-gap Absorption in Superconducting Ba(Fe1â^'x Co x)2As2 Thin Films Studied by a Fabryâ€“PÃ©rot Resonant Technique. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1227-1231.	0.8	6
134	Nonmonotonic and anisotropic magnetoresistance effect in antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">CaMn</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn> Physical Review B, 2018, 97, .	1.1	6
135	Realization of epitaxial thin films of the superconductor K-doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ba</mml:mi><mml:msub><mml:mi>Fe</mml:mi><mml:mi> Physical Review Materials, 2021, 5, .	6.6	6
136	NdFeAs(O,H) epitaxial thin films with high critical current density. Superconductor Science and Technology, 2020, 33, 09LT01.	1.8	6
137	Relationship between undercooling and growth rate of Nd123/Ag in air. Physica C: Superconductivity and Its Applications, 2001, 357-360, 677-680.	0.6	5
138	Welding of different Yâ€“Baâ€“Cuâ€“O blocks. Physica C: Superconductivity and Its Applications, 2003, 392-396, 437-440.	0.6	5
139	Superconducting properties and microstructures of ErÂBaÂCuÂO superconductor. Superconductor Science and Technology, 2003, 16, 699-706.	1.8	5
140	Single domain YBCO/Ag bulk superconductors fabricated by seeded infiltration and growth. Journal of Physics: Conference Series, 2008, 97, 012105.	0.3	5
141	Superconducting properties of Gd-Ba-Cu-O single grains processed from a new, Ba-rich precursor compound. Journal of Physics: Conference Series, 2008, 97, 012250.	0.3	5
142	Effect of addition of planetary milled Gd-211 on the microstructures and superconducting properties of air-processed single grain Gdâ€“Baâ€“Cuâ€“O/Ag bulk superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, 1153-1157.	0.6	5
143	Josephson and Tunneling Junctions with Thin Films of Iron based Superconductors. Physics Procedia, 2012, 36, 82-87.	1.2	5
144	Pulsed laser deposition of thick BaHfO3-doped YBa2Cu3O7-Î´ films on highly alloyed textured Ni-W tapes. Journal of Physics: Conference Series, 2014, 507, 022032.	0.3	5

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145	Surface properties of Co-doped BaFe2As2 thin films deposited on MgO with Fe buffer layer and CaF2 substrates. Applied Surface Science, 2014, 312, 182-187.	3.1	5
146	Advanced surface characterization of Ba(Fe0.92Co0.08)2As2 epitaxial thin films. Applied Surface Science, 2014, 312, 23-29.	3.1	5
147	Influence of the spreading resistance on the conductance spectrum of planar hybrid thin film SNS' junctions based on iron pnictides. Journal of Physics: Conference Series, 2014, 507, 012008.	0.3	5
148	Nanoscale Texture and Microstructure in a NdFeAs(O,F)/IBAD-MgO Superconducting Thin Film with Superior Critical Current Properties. ACS Applied Electronic Materials, 2021, 3, 3158-3166.	2.0	5
149	K-doped Ba122 epitaxial thin film on MgO substrate by buffer engineering. Superconductor Science and Technology, 2022, 35, 09LT01.	1.8	5
150	Melt processing of binary (Nd, Eu)-Ba-Cu-O superconductors. Superconductor Science and Technology, 2000, 13, 683-687.	1.8	4
151	Refinement of Nd4Ba2Cu2O10 particle in the superconducting matrix. Physica C: Superconductivity and Its Applications, 2001, 350, 115-126.	0.6	4
152	Study of (Nd,Sm)422 solid solution and its effect on the melt process of Nd123 bulk superconductors. Physica C: Superconductivity and Its Applications, 2001, 354, 401-405.	0.6	4
153	The fabrication of SmBa2Cu3Oy bulk superconductor using (Nd,Sm)422 in air. Physica C: Superconductivity and Its Applications, 2001, 357-360, 681-684.	0.6	4
154	Microstructure of (Nd, Eu, Gd)-123 matrix with (Nd, Eu, Gd)-211 inclusions. Journal of Materials Research, 2001, 16, 407-412.	1.2	4
155	The Order-Parameter Symmetry and Fermi Surface Topology of 122 Fe-Based Superconductors: A Point-Contact Andreev-Reflection Study. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1331-1337.	0.8	4
156	Effect of the surface orientation on the microstructure of bulk Yâ€“Baâ€“Cuâ€“O joint. Physica C: Superconductivity and Its Applications, 2002, 378-381, 641-645.	0.6	3
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