Kohji Kishio

List of Publications by Year
in descending order

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224	6,654	57758	76900
papers	citations	44 h-index	74 g-index

228	228	228	3239
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of Oxygen Nonstoichiometry in a High-TcSuperconductor Ba2YCu3O7-Î´. Japanese Journal of Applied Physics, 1987, 26, L1228-L1230.	1.5	402
2	Logarithmic Divergence of both In-Plane and Out-of-Plane Normal-State Resistivities of SuperconductingLa2â^'xSrxCuO4in the Zero-Temperature Limit. Physical Review Letters, 1995, 75, 4662-4665.	7.8	400
3	Diffusion of oxide ion vacancies in perovskite-type oxides. Journal of Solid State Chemistry, 1988, 73, 179-187.	2.9	367
4	Superconductivity at 17 K in (Fe₂P₂)(Sr₄Sc₂O₆): a new superconducting layered pnictide oxide with a thick perovskite oxide layer. Superconductor Science and Technology, 2009, 22, 075008.	3.5	210
5	Effects of B4C doping on critical current properties of MgB2superconductor. Superconductor Science and Technology, 2005, 18, 1323-1328.	3.5	171
6	Compositional dependence of transport anisotropy in large (La, Sr)2CuO4 single crystals and second peak in magnetization curves. Physica C: Superconductivity and Its Applications, 1992, 192, 247-252.	1.2	167
7	Limiting factors of normal-state conductivity in superconducting MgB2: an application of mean-field theory for a site percolation problem. Superconductor Science and Technology, 2007, 20, 658-666.	3.5	144
8	Improved critical current properties observed in MgB2 bulks synthesized by low-temperature solid-state reaction. Superconductor Science and Technology, 2005, 18, 116-121.	3.5	134
9	Single Crystal Growth of Bi₂Sr₂Ca_{<i>n</i>-1}Cu<sub><i>n</i>&l Superconductors by the Floating Zone Method. Journal of the Ceramic Society of Japan, 1989, 97, 1009-1014.	1.3	122
10	New High Temperature Superconducting Oxides. (La1â^'xSrx)2CuO4â^'Î´and (La1â^'xCax)2CuO4â^'Î´. Chemistry Letters, 1987, 16, 429-432.	1.3	108
11	Magnetic Field-Induced Martensitic Transformation and Giant Magnetostriction in Fe–Ni–Co–Ti and Ordered Fe₃Pt Shape Memory Alloys. Materials Transactions, JIM, 2000, 41, 882-887.	0.9	106
12	A New Layered Iron Arsenide Superconductor: (Ca,Pr)FeAs₂. Journal of the American Chemical Society, 2014, 136, 846-849.	13.7	105
13	Observation of Nuclear Resonance of Cu in Antiferromagnetic La2CuO4-Î´and CuO. Journal of the Physical Society of Japan, 1988, 57, 2908-2911.	1.6	104
14	Magnetic field-induced strain in iron-based ferromagnetic shape memory alloys. Journal of Applied Physics, 2003, 93, 8647-8649.	2.5	100
15	Thermoelectric properties of highly grain-aligned and densified Co-based oxide ceramics. Journal of Applied Physics, 2003, 93, 2653-2658.	2.5	89
16	Permanent magnet with MgB2 bulk superconductor. Applied Physics Letters, 2014, 105, .	3.3	85
17	Levitation of metallic melt by using the simultaneous imposition of the alternating and the static magnetic fields. Journal of Crystal Growth, 2004, 260, 475-485.	1.5	81
18	HighTcSuperconductivity in Screen Printed Yb-Ba-Cu-O Films. Japanese Journal of Applied Physics, 1987, 26, L761-L762.	1.5	80

#	Article	IF	Citations
19	Homologous series of iron pnictide oxide superconductors (Fe2As2)[Can+1(Sc,Ti)nOy]â€ˆ(n=3,4,5) with extremely thick blocking layers. Applied Physics Letters, 2010, 97, .	3.3	78
20	Essential factors for the critical current density in superconducting MgB₂: connectivity and flux pinning by grain boundaries. Superconductor Science and Technology, 2008, 21, 015008.	3.5	77
21	Electric and Magnetic Properties of La2CuO4. Japanese Journal of Applied Physics, 1987, 26, L445-L446.	1.5	75
22	New iron-based arsenide oxides (Fe₂As₂)(Sr₄M₂O₆)(M = Sc, Cr). Superconductor Science and Technology, 2009, 22, 085001.	3.5	73
23	Synthesis of highJcMgB2bulks with high reproducibility by a modified powder-in-tube method. Superconductor Science and Technology, 2004, 17, 921-925.	3.5	72
24	Effect of Magnetic Field on Solidification in Cu-Pb Monotectic Alloys. ISIJ International, 2003, 43, 942-949.	1.4	71
25	NQR and NMR of139La in Antiferromagnetic La2CuO4-Î´. Journal of the Physical Society of Japan, 1987, 56, 4559-4570.	1.6	70
26	New Candidates for Superconductors; A Series of Layered Oxysulfides (Cu2S2)(Sr n+1 M n O3nâ€“1). Journal of Low Temperature Physics, 1999, 117, 729-733.	1.4	67
27	Growth and optical properties of Lu3(Ga,Al)5O12 single crystals for scintillator application. Journal of Crystal Growth, 2009, 311, 908-911.	1.5	66
28	High critical current properties of MgB2 bulks prepared by a diffusion method. Applied Physics Letters, 2005, 86, 222502.	3.3	64
29	Thermoelectric Performance of Magneticallyc-Axis Aligned Ca-based Cobaltites. Japanese Journal of Applied Physics, 2003, 42, 7018-7022.	1.5	61
30	Enhanced flux pinning properties of YBa2Cu3Oy by dilute impurity doping for CuO chain. Applied Physics Letters, 2006, 89, 202514.	3.3	60
31	A new homologous series of iron pnictide oxide superconductors (Fe2As2)(Can+ 2(Al, Ti)nOy) (n= 2, 3,) Tj ETQq1 1 0.784314 rgBT /Ov	3.5	59
32	Superconductivity Above 40 K Observed in a New Iron Arsenide Oxide (Fe₂As₂)(Ca₄(Mg,Ti)₃O_y). Applied Physics Express, 2010, 3, 063103.	2.4	59
33	Superconductivity at 95 K in the New Yb-Ba-Cu Oxide System. Japanese Journal of Applied Physics, 1987, 26, L339-L341.	1.5	56
34	Oxygen Nonstoichiometry in Layered Cobaltite Ca3Co4Oy. Japanese Journal of Applied Physics, 2003, 42, L194-L197.	1.5	56
35	HighTcYb-Ba-Cu-O Thin Films Deposited on Sintered YSZ Substrates by Sputtering. Japanese Journal of Applied Physics, 1987, 26, L738-L740.	1.5	55
36	High-TcSuperconductivity and Diamagnetism of Y-Ba-Cu Oxides. Japanese Journal of Applied Physics, 1987, 26, L320-L321.	1.5	50

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37	Rearrangement of Martensite Variants in Iron-Based Ferromagnetic Shape Memory Alloys under Magnetic Field. Materials Transactions, 2004, 45, 188-192.	1.2	50
38	Superconductivity in a new iron pnictide oxide (Fe2As2)(Sr4(Mg, Ti)2O6). Superconductor Science and Technology, 2010, 23, 045001.	3.5	47
39	New Iron Arsenide Oxides (Fe₂As₂)(Sr₄(Sc,Ti)₃O₈), (Fe₂As₂)(Ba₄Sc₃O_{7.5}), and (Fe₂As₂)(Ba₃Sc₂O₅). Applied Physics Express, 2010, 3, 063103.	2.4	46
40	Tri-axial Grain Orientation of Y₂Ba₄Cu₇O_yAchieved by the Magneto-science Method. Applied Physics Express, 0, 1, 111701.	2.4	46
41	HighTcSuperconductivity of (La1-xSrx)2CuO4-Effect of Substitution of Foreign Ions for Cu and La on Superconductivity. Japanese Journal of Applied Physics, 1987, 26, L337-L338.	1.5	45
42	Proton NMR in Degraded Powder of YBa2Cu3O7-Î´. Japanese Journal of Applied Physics, 1988, 27, 1652-1657.	1.5	45
43	Crossover from the first-order vortex phase transition to the peak effect in Bi2Sr2CaCu2Oy having different oxygen contents. Physica C: Superconductivity and Its Applications, 1996, 256, 111-118.	1.2	45
44	Alignment of BiMn Crystal Orientation in Bi-20 at%Mn alloys by Laser Melting under a Magnetic Field. Materials Transactions, 2003, 44, 2550-2554.	1.2	45
45	Strongly connectedex situMgB₂polycrystalline bulks fabricated by solid-state self-sintering. Superconductor Science and Technology, 2012, 25, 115022.	3.5	45
46	High Pressure Study and the Critical Current of HighTcSuperconductor (La0.9Sr0.1)2CuO4-y. Japanese Journal of Applied Physics, 1987, 26, L603-L605.	1.5	44
47	17 O NMR study of Y2O3-doped CeO2. Journal of Physics and Chemistry of Solids, 1984, 45, 1253-1257.	4.0	43
48	Contrasting Pressure Effects in Sr₂VFeAsO₃and Sr₂ScFePO₃. Journal of the Physical Society of Japan, 2009, 78, 123707.	1.6	42
49	Title is missing!. Journal of Low Temperature Physics, 2003, 131, 1043-1052.	1.4	41
50	Study on vacancy motion in Y2O3-doped CeO2 by 17O NMR technique. Journal of Physics and Chemistry of Solids, 1985, 46, 1141-1146.	4.0	40
51	Synthesis and Thermoelectric Properties of Magneticallyc-Axis-Oriented [Ca2CoO3-Î]0.62CoO2Bulk with Various Oxygen Contents. Japanese Journal of Applied Physics, 2003, 42, L198-L200.	1.5	40
52	High-performance dense MgB₂superconducting wire fabricated from mechanically milled powder. Superconductor Science and Technology, 2017, 30, 044006.	3.5	40
53	Superconducting Properties of (La1-xSrx)2CuO4. Japanese Journal of Applied Physics, 1987, 26, L443-L444.	1.5	39
54	Synthesis and physical properties of Ca_{1â^'}_xRE_xFeAs₂withRE= Laâ€“Gd. Applied Physics Express, 2014, 7, 073102.	2.4	39

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55	Specific Heat and Superconductivity of (La0.925Sr0.075)2CuO4. Japanese Journal of Applied Physics, 1987, 26, L751-L753.	1.5	38
56	Rearrangement of variants in Ni2MnGa under magnetic field. Science and Technology of Advanced Materials, 2004, 5, 29-34.	6.1	38
57	Thermodynamic Estimation of Oxidation Ability of Various Gases Used for the Preparation of Superconducting Films at High Vacuum. Japanese Journal of Applied Physics, 1991, 30, 1685-1686.	1.5	37
58	Specific Heat and Superconductivity in (La1-xCax)2CuO4. Japanese Journal of Applied Physics, 1987, 26, L342-L344.	1.5	36
59	Magnetic studies on the field-driven transition from decoupled to coupled pancake vortex phase inBi2Sr2CaCu2O8+Î´with columnar defects. Physical Review B, 1998, 57, 14507-14510.	3.2	36
60	Enhanced critical current properties observed in Na2CO3-doped MgB2. Superconductor Science and Technology, 2004, 17, 926-930.	3.5	35
61	Magnetic orientation and magnetic anisotropy in paramagnetic layered oxides containing rare-earth ions. Science and Technology of Advanced Materials, 2009, 10, 014604.	6.1	35
62	Pressure Effect on the Lattice Constant and Compressibility of a Superconductor (La0.9Sr0.1)2CuO4-y. Japanese Journal of Applied Physics, 1987, 26, L504-L505.	1.5	33
63	Formation of Crystallographically Aligned BiMn Grains by Semi-solid Processing of Rapidly Solidified Bi-Mn Alloys under a Magnetic Field. Materials Transactions, 2003, 44, 2207-2212.	1.2	33
64	Magnetic Susceptibility of High-TcSuperconducting Oxides (La, A)2CuO4(A=Ba, Sr). Japanese Journal of Applied Physics, 1987, 26, L434-L436.	1.5	32
65	Ba-Y-Cu-O Thin Films Fabricated by Dip Coating Using Concentrated Mixed Alkoxide Solution. Japanese Journal of Applied Physics, 1988, 27, L867-L869.	1.5	32
66	Fabrication of porous aluminum with deep pores by using Alâ€“In monotectic solidification and electrochemical etching. Materials Letters, 2004, 58, 911-915.	2.6	31
67	Rf Power Dependence of AC Josephson Current in Point-Contacts of BaY(Tm)CuO Ceramics. Japanese Journal of Applied Physics, 1987, 26, L671-L672.	1.5	30
68	Fabrication of multilayered oxide thermoelectric modules by electrophoretic deposition under high magnetic fields. Applied Physics Letters, 2006, 89, 081912.	3.3	30
69	Enhanced trapped field in MgB₂bulk magnets by tuning grain boundary pinning through milling. Superconductor Science and Technology, 2015, 28, 055016.	3.5	30
70	Bulk Superconductivity of Y-Ba-Cu-O and Er-Ba-Cu-O. Japanese Journal of Applied Physics, 1987, 26, L601-L602.	1.5	29
71	Electronic State and Glow Discharge Decomposition of Tetramethyldisilane. Japanese Journal of Applied Physics, 1986, 25, 1811-1814.	1.5	27
72	Reactivity of carbides in synthesis of MgB2 bulks. Physica C: Superconductivity and Its Applications, 2006, 445-448, 801-805.	1.2	26

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73	Thermally induced dimensional crossover in single-crystalBi2Sr2CaCu2Ox. Physical Review B, 1995, 52, 3765-3768.	3.2	25
74	High-TcSuperconductivity of La-Ba(Sr)-Cu Oxides. IV -Critical Magnetic Fields. Japanese Journal of Applied Physics, 1987, 26, L196-L197.	1.5	24
75	Co and Mn doping effect in polycrystalline (Ca,La) and (Ca,Pr)FeAs₂superconductors. Superconductor Science and Technology, 2015, 28, 065001.	3.5	24
76	Giant magnetic field-induced strain due to rearrangement of variants in an ordered Fe3Pt. Science and Technology of Advanced Materials, 2004, 5, 35-40.	6.1	23
77	Synthesis and Superconducting Properties of Layered Ruthenocuprates. Journal of Low Temperature Physics, 1999, 117, 855-859.	1.4	22
78	Enhancement of Critical Current Density in ErBa2Cu3OyThin Films by Post-Annealing. Japanese Journal of Applied Physics, 2004, 43, L1223-L1225.	1.5	22
79	Rare-Earth-Dependent Magnetic Anisotropy in REBa₂Cu₃O_y. Applied Physics Express, 0, 1, 031701.	2.4	22
80	Josephson coupling in the vortex-liquid state ofBi2Sr2CaCu2O8+Î´with columnar defects. Physical Review B, 1999, 59, 8970-8977.	3.2	21
81	Effects of sintering conditions on critical current properties and microstructures of MgB2 bulks. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1220-1224.	1.2	21
82	Towards the Realization of Higher Connectivity in MgB₂Conductors:In-situor SinteredEx-situ?. Japanese Journal of Applied Physics, 2012, 51, 010105.	1.5	21
83	Effect of Lanthanide Ion Substitutions for Lanthanum Sites on Superconductivity of (La1-xSrx)2CuO4-Î´. Japanese Journal of Applied Physics, 1987, 26, L391-L393.	1.5	20
84	Nonlinear Meissner Effect in Double Layered High-TcCuprates Investigated by Measurement of the Penetration Depth. Journal of the Physical Society of Japan, 1996, 65, 3638-3645.	1.6	20
85	Flux pinning properties of impurity doped MgB2 bulks synthesized by diffusion method. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1225-1230.	1.2	20
86	HighTcSuperconductivity in Tm-Ba-Cu-O System. Japanese Journal of Applied Physics, 1987, 26, L613-L614.	1.5	18
87	Microstructural connectivity in sintered ex-situ MgB2 bulk superconductors. Journal of Alloys and Compounds, 2016, 656, 172-180.	5.5	18
88	Enhancement on Jc of Bi2Sr2CaCu2Oy by electron irradiation. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2383-2384.	1.2	17
89	Enhanced flux pinning properties of Bi(Pb)2212 single crystals. Physica C: Superconductivity and Its Applications, 2004, 408-410, 40-41.	1.2	17
90	Condensation energy density in Bi-2212 superconductors. Superconductor Science and Technology, 2006, 19, 200-205.	3.5	17

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91	Towards the Realization of Higher Connectivity in MgB₂Conductors: In-situ or Sintered Ex-situ?. Japanese Journal of Applied Physics, 2012, 51, 010105.	1.5	17
92	Effect of Residual Water on Superconductivity in (La1-xSrx)2CuO4-Î´. Japanese Journal of Applied Physics, 1987, 26, L466-L467.	1.5	16
93	Improved critical current properties of MgB2bulks by controlling microstructures. Journal of Physics: Conference Series, 2006, 43, 119-122.	0.4	16
94	Suppression of defect related host luminescence in LuAG single crystals. Physics Procedia, 2009, 2, 191-205.	1.2	16
95	Self-sintering-assisted high intergranular connectivity in ball-milledex situMgB₂bulks. Superconductor Science and Technology, 2014, 27, 114001.	3.5	16
96	Topotactic synthesis of a new BiS2-based superconductor Bi2(O,F)S2. Applied Physics Express, 2015, 8, 023102.	2.4	16
97	17O NMR relaxation study of Î´-Bi2O3. Solid State Communications, 1985, 53, 83-85.	1.9	15
98	Phase Transition Study ofC70Crystal at around 340 K by Single-Crystal X-Ray Diffraction. Japanese Journal of Applied Physics, 1994, 33, 6281-6285.	1.5	15
99	Martensitic Transformation in Shape Memory Alloys under Magnetic Field and Hydrostatic Pressure. Materials Transactions, 2002, 43, 887-892.	1.2	15
100	New Series of Nickel-Based Pnictide Oxide Superconductors (Ni2Pn2)(Sr4Sc2O6) (Pn= P, As). Applied Physics Express, 2009, 2, 063007.	2.4	15
101	Significant enhancement of the intergrain coupling in lightly F-doped SmFeAsO superconductors. Superconductor Science and Technology, 2013, 26, 065006.	3.5	15
102	Resistivity Anomaly Near Room Temperature of Y-Ba-Cu-O and Related Oxides as Created by the Surface Effect of Water. Japanese Journal of Applied Physics, 1987, 26, L1979-L1981.	1.5	14
103	3-Dimensional Grain Orientation of RE-Ba-Cu-O Superconductors Using a Modulated Oval Magnetic Field. IEEE Transactions on Applied Superconductivity, 2009, 19, 2961-2964.	1.7	14
104	The formation of defects and their influence on inter- and intra-granular current in sintered polycrystalline 122 phase Fe-based superconductors. Superconductor Science and Technology, 2019, 32, 084003.	3.5	14
105	Superconductivity Achieved at Over Liquid Nitrogen Temperature by (Mixed Rare Earths)-Ba-Cu Oxides. Japanese Journal of Applied Physics, 1987, 26, L694-L696.	1.5	13
106	Anomalous Temperature Dependence of139La Nuclear Spin-Lattice Relaxation in La2CuO4-Î´and (La0.9Ca0.1)2CuO4-Î´. Journal of the Physical Society of Japan, 1988, 57, 1151-1154.	1.6	13
107	Development of Thermoelectric Bi-Based Cobaltites with an Easy Axis of Magnetization Parallel to theC-Axis for Magnetic Alignment. Japanese Journal of Applied Physics, 2005, 44, L1263-L1266.	1.5	13
108	A new iron pnictide oxide (Fe₂As₂)(Ca₅(Mg,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Ti)<su Superconductor Science and Technology, 2011, 24, 085020.	3.5	13

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109	Microstructures and improvedJ_câ€“Hcharacteristics of Cl-containing YBCO thin films prepared by the fluorine-free MOD method. Superconductor Science and Technology, 2016, 29, 015006.	3.5	13
110	Electron Tunneling Measurements of High-TcSuperconductor Bi-Sr-Ca-Cu-O by STM. Japanese Journal of Applied Physics, 1989, 28, L179-L182.	1.5	12
111	Direct Evidence of the Anisotropic Structure of Vortices Interacting with Columnar Defects in High-Temperature Superconductors through the Analysis of Lorentz Images. Journal of the Physical Society of Japan, 2002, 71, 1840-1843.	1.6	12
112	Influence of Magnetic Field Direction on Rearrangement of Martensite Variants in an Fe-Pd Alloy. Materials Transactions, 2003, 44, 2495-2498.	1.2	12
113	Formation of Crystallographically Aligned Grains during Coarsening in a Magnetic Field. Materials Transactions, 2003, 44, 2555-2562.	1.2	12
114	Dramatic effects of chlorine doping onJ_cand microstructure of fluorine-free MOD Y123 thin films. Superconductor Science and Technology, 2014, 27, 095017.	3.5	12
115	Chemical Aspects of High-Temperature Superconducting Oxides. ACS Symposium Series, 1987, , 38-48.	0.5	11
116	Flux pinning properties of undoped and C-doped MgB2 bulks with controlled grain sizes. Physica C: Superconductivity and Its Applications, 2007, 460-462, 572-573.	1.2	11
117	Chemical (Sr,Co)-doping effect on critical current density for Dy123 melt-solidified bulks. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 69-73.	3.5	11
118	Tri-axial magnetic anisotropies in RE2Ba4Cu7O15â^'y superconductors. Journal of Applied Physics, 2014, 115, .	2.5	11
119	The second peak effect observed in Sr-overdoped (La1â^'xSrx)2CuO4â^'Î´ single crystals with various oxygen deficiencies Î´. Physica C: Superconductivity and Its Applications, 1996, 271, 265-271.	1.2	10
120	Dramatically Enhanced Flux Pinning Properties of Cation Composition Controlled Bi(Pb)2212 Single Crystals. Journal of Physics: Conference Series, 2006, 43, 231-234.	0.4	10
121	Magnetic properties of Bi2212 single crystals with Bi:Sr:Ca:Cu=2:2:1:2. Physica C: Superconductivity and Its Applications, 2007, 460-462, 772-773.	1.2	10
122	Excitonic luminescence in two-dimensionally confined layered sulfide oxides. Applied Physics Letters, 2012, 101, 191901.	3.3	10
123	Understanding routes for high connectivity inex situMgB₂by self-sintering. Superconductor Science and Technology, 2014, 27, 044012.	3.5	10
124	Enhancement of intergranular current density of Sm-based oxypnictide superconductors with Sn addition. Superconductor Science and Technology, 2014, 27, 085010.	3.5	10
125	Study of the Upper Critical FieldHc2for High-TcSuperconductors in Pulsed High Magnetic Fields. Japanese Journal of Applied Physics, 1987, 26, 1187.	1.5	10
126	High-Resolution Transmission Electron Microscopy of Commensurate Modulation in Bi2Sr2CoOy. Japanese Journal of Applied Physics, 1989, 28, L1991-L1994.	1.5	9

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127	RF field penetration into a Bi2Sr2CaCu2O8 single crystal in the mixed state. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1991-1992.	1.2	9
128	The universal scaling of flux lattice melting line of Bi2212 under H | c. Physica C: Superconductivity and Its Applications, 1997, 282-287, 2055-2056.	1.2	9
129	Suppression of Host Luminescence in the Pr:LuAG Scintillator. IEEE Transactions on Nuclear Science, 2008, 55, 1197-1200.	2.0	9
130	Pressure Dependence of Superconducting Transition Temperature on Perovskite-Type Fe-Based Superconductors and NMR Study of Sr2VFeAsO3. Journal of the Physical Society of Japan, 2011, 80, 014712.	1.6	9
131	Solubility and Diffusion Coefficient of Sulfur in Silver. Bulletin of the Chemical Society of Japan, 1978, 51, 3067-3068.	3.2	8
132	Excellent Critical Current Properties of Dilute Sr-Doped Dy123 Melt-Solidified Bulks at Low Temperatures. IEEE Transactions on Applied Superconductivity, 2009, 19, 3487-3490.	1.7	8
133	Synthesis of Bi2223 by Low $P_{{m O}2}$ Sintering. IEEE Transactions on Applied Superconductivity, 2013, 23, 6400604-6400604.	1.7	8
134	Electromagnetic properties and microstructures ofin situMgB2wires made from three types of boron powders. Superconductor Science and Technology, 2016, 29, 105016.	3.5	8
135	Anomalies in the Pulsed Photoconductivity of Undoped C60and Their Relationship to Phase Transitions. Journal of the Physical Society of Japan, 1995, 64, 527-532.	1.6	8
136	Effect of Heat Treatment on the Low-Temperature NQR Spectrum of139La in Single Crystals and Polycrystals of the Antiferromagnetic La2CuO4. Journal of the Physical Society of Japan, 1988, 57, 1159-1162.	1.6	7
137	High-Resolution Transmission Electron Microscopy of Superconducting and Non-Superconducting Phases in a Bi–Sr–Cu–O System. Materials Transactions, JIM, 1990, 31, 595-601.	0.9	7
138	Is the tetragonal overdoped phase (La, Sr)2CuO4 superconductive?. Journal of Superconductivity and Novel Magnetism, 1994, 7, 27-31.	0.5	7
139	Bulk superconductivity observed in (Co,Cu)(Sr,Ba)2(Y,Ca)Cu2Oy. Physica C: Superconductivity and Its Applications, 2005, 426-431, 487-491.	1.2	7
140	Improvement of thermoelectric performance in magnetically c-axis-oriented bismuth-based cobaltites. Scripta Materialia, 2007, 57, 333-336.	5.2	7
141	Synthesis of High Purity Bi(Pb)2223 Tapes With High $T_{m c}$ Above 115 K. IEEE Transactions on Applied Superconductivity, 2011, 21, 2812-2815.	1.7	7
142	Effect of Packing Density on Critical Current Density at High Magnetic Fields in Polycrystalline MgB₂Superconductors. Japanese Journal of Applied Physics, 2012, 51, 123103.	1.5	7
143	Weak-link behaviour observed in iron-based superconductors with thick perovskite-type blocking layers. Superconductor Science and Technology, 2013, 26, 105020.	3.5	7
144	High Field Measurement of the Critical Field in (La1-xSrx)2CuO4up to 40 T. Japanese Journal of Applied Physics, 1987, 26, L413-L414.	1.5	6

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145	On the similarity of the spectral weight pattern of Bi2Sr2CaCuO8+Î´ and La1.48Nd0.4Sr0.12CuO4. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2097-2098.	1.2	6
146	c-Axis-Correlated Vortex Pinning Center Induced by Dilute Co-doping in Pulsed-Laser-Deposition-ErBa2Cu3OyFilms. Japanese Journal of Applied Physics, 2006, 45, L617-L620.	1.5	6
147	On the possibility of MgB2-like superconductivity in potassium hexaboride. Physica C: Superconductivity and its Applications, 2010, 470, S633-S634.	1.2	6
148	Relationship Between Crystal Structures and Physical Properties in Iron Arsenides with Perovskite-type Layers. Physics Procedia, 2012, 36, 722-726.	1.2	6
149	Irreversibility lines of layered Fe-based superconductors with thick blocking layers. Solid State Communications, 2012, 152, 640-643.	1.9	6
150	Luminescence properties of layered chalcogenide oxides Ba3RE2Ag2Se2O5. Optical Materials, 2014, 36, 1978-1981.	3.6	6
151	Microstructural Characteristics of Ball-Milled Self-Sintered <italic>Ex Situ</italic> MgB₂ Bulks. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	6
152	Fabrication of Bi2223 bulks with high critical current properties sintered in Ag tubes. Physica C: Superconductivity and Its Applications, 2017, 534, 9-12.	1.2	6
153	Relationship between Crystallinity and Critical Current Properties of MgB2 Bulks. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2005, 40, 466-472.	0.1	6
154	Improvement of Flux Pinning Properties of RE123 Materials by Chemical Doping. Journal of Physics: Conference Series, 2006, 43, 235-238.	0.4	5
155	Dramatic effects of excess oxygen on physical properties and crystal structure of La0.95Sr0.05MnOy single crystal. Solid State Communications, 2007, 142, 429-433.	1.9	5
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