Yoshihiko Takano

List of Publications by Year
in descending order

429	12,491	44444	38517
papers	citations	50 h-index	99 g-index

432	432	432	6372
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Al substitution effect on magnetic properties of magnetocaloric material HoB2. Solid State Communications, 2022, 342, 114616.	0.9	3
2	Magnetocaloric particles of the Laves phase compound HoAl2 prepared by electrode induction melting gas atomization. Journal of Magnetism and Magnetic Materials, 2022, 547, 168906.	1.0	5
3	High-Pressure Mgâ€“Scâ€“H Phase Diagram and Its Superconductivity from First-Principles Calculations. Journal of Physical Chemistry C, 2022, 126, 2747-2755.	1.5	17
4	The Systematic Study on the Stability and Superconductivity of Yâ€Mgâ€H Compounds under High Pressure. Advanced Theory and Simulations, 2022, 5, .	1.3	13
5	Synthetic Route of Layered Titanium Nitride Chloride TiNCl Using Sodium Amide. ACS Omega, 2022, 7, 6375-6380.	1.6	4
6	XERUS: An Openâ€Source Tool for Quick XRD Phase Identification and Refinement Automation. Advanced Theory and Simulations, 2022, 5, .	1.3	6
7	High-Pressure Synthesis of Superconducting Sn₃S₄ Using a Diamond Anvil Cell with a Boron-Doped Diamond Heater. Inorganic Chemistry, 2022, 61, 4476-4483.	1.9	3
8	Electrical Transport Measurements on Layered La(O,F)BiS2 under Extremely High Pressure. Condensed Matter, 2022, 7, 25.	0.8	1
9	Effect of Non-Stoichiometry on Magnetocaloric Properties of HoB₂Gas-Atomized Particles. IEEE Transactions on Magnetics, 2022, 58, 1-6.	1.2	2
10	Protonation-induced discrete superconducting phases in bulk FeSe single crystals. Physical Review B, 2022, 105, .	1.1	8
11	Estimation of the GrÃ¼neisen Parameter of High-Entropy Alloy-Type Functional Materials: The Cases of REO0.7F0.3BiS2 and MTe. Condensed Matter, 2022, 7, 34.	0.8	0
12	Investigation of Superconductivity in Ce-Doped (La,Pr)OBiS2 Single Crystals. Materials, 2022, 15, 2977.	1.3	0
13	Growth and characterization of Bi₂Sr₂Ca_{1â€“x}Y _x Cu₂O_{8+Î´} single-crystal whiskers. Japanese Journal of Applied Physics, 2022, 61, 063001.	0.8	1
14	Robustness of superconductivity to external pressure in high-entropy-alloy-type metal telluride AgInSnPbBiTe5. Scientific Reports, 2022, 12, 7789.	1.6	9
15	Lattice Anharmonicity in BiS₂-Based Layered Superconductor RE(O,F)BiS₂ (RE =) Tj ETQq1 1 0.784314 rgBT	0.7	2
16	The effect of the Ag addition on FeSe superconducting wire by the ex-situ PIT method. Journal of Materials Science: Materials in Electronics, 2021, 32, 2887-2894.	1.1	0
17	SuperMat: construction of a linked annotated dataset from superconductors-related publications. Science and Technology of Advanced Materials Methods, 2021, 1, 34-44.	0.4	5
18	THz emission from a Bi₂Sr₂CaCu₂O_{8+Î´} cross-whisker junction. Applied Physics Express, 2021, 14, 033003.	1.1	5

#	Article	IF	Citations
19	High-pressure effects on La(O,F)BiS2 single crystal using diamond anvil cell with dual-probe diamond electrodes. Applied Physics Express, 2021, 14, 043001.	1.1	2
20	Gas-atomized particles of giant magnetocaloric compound HoB$$_{2}$$ for magnetic hydrogen liquefiers. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	4
21	Crystal Growth and High-Pressure Effects of Bi-Based Superconducting Whiskers. ACS Omega, 2021, 6, 12179-12186.	1.6	3
22	Experimental Observation of Pressure-Induced Superconductivity in Layered Transition-Metal Chalcogenides (Zr,Hf)GeTe₄ Explored by a Data-Driven Approach. Chemistry of Materials, 2021, 33, 3602-3610.	3.2	8
23	High-pressure effects on superconducting properties and crystal structure of Bi-based layered superconductor La2O2Bi3Ag0.6Sn0.4S6. Journal of Physics Condensed Matter, 2021, 33, 225702.	0.7	3
24	Enhancement of giant refrigerant capacity in Ho1-Gd B2 alloys (0.1Ââ‰ÂxÂâ‰Â0.4). Journal of Alloys and Compounds, 2021, 865, 158881.	2.8	6
25	Concurrent synthesis and boron-doping of amorphous carbon films by focused ion beam-assisted chemical vapor deposition. Thin Solid Films, 2021, 730, 138704.	0.8	3
26	Crystal analysis of grain boundaries in boron-doped diamond superconducting quantum interference devices operating above liquid helium temperature. Carbon, 2021, 181, 379-388.	5.4	2
27	Diamond anvil cell with boron-doped diamond heater for high-pressure synthesis and in situ transport measurements. Applied Physics Letters, 2021, 119, .	1.5	5
28	Synthesis and electrical transport measurement of superconducting hydrides using diamond anvil cell with boron-doped diamond electrodes. Japanese Journal of Applied Physics, 2021, 60, 090902.	0.8	1
29	Cd additive effect on self-flux growth of Cs-intercalated NbS2 superconducting single crystals. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, .	0.3	0
30	Data-driven exploration for pressure-induced superconductors using diamond anvil cell with boron-doped diamond electrodes and undoped diamond insulating layer. High Pressure Research, 2020, 40, 22-34.	0.4	8
31	Crystal Growth, Structural Analysis, and Pressure-Induced Superconductivity in a AgIn₅Se₈ Single Crystal Explored by a Data-Driven Approach. Inorganic Chemistry, 2020, 59, 325-331.	1.9	10
32	Oxygen Deficiency Dependence of Pressure Effects on Superconducting Critical Temperatures of Perovskite-related Mixed-anion Layered Compound Sr2VFeAsO3â^Î´. Journal of the Physical Society of Japan, 2020, 89, 114712.	0.7	0
33	Growth and anisotropy evaluation of NbBiCh3 (Ch = S, Se) misfit-layered superconducting single crystals. Solid State Communications, 2020, 321, 114051.	0.9	12
34	Effect of Dy substitution in the giant magnetocaloric properties of HoB₂. Science and Technology of Advanced Materials, 2020, 21, 849-855.	2.8	6
35	Machine-learning-guided discovery of the gigantic magnetocaloric effect in HoB2 near the hydrogen liquefaction temperature. NPG Asia Materials, 2020, 12, .	3.8	84
36	The effect of the sintering process on Agâ€“added FeSe0.94 superconducting wire. Superconductor Science and Technology, 2020, 33, 095006.	1.8	1

#	Article	IF	Citations
37	Demonstration of electric double layer gating under high pressure by the development of field-effect diamond anvil cell. Applied Physics Letters, 2020, 116, .	1.5	2
38	Growth and Characterization of ROBiS₂ High-Entropy Superconducting Single Crystals. ACS Omega, 2020, 5, 16819-16825.	1.6	16
39	Maskless Patterning of Gallium-Irradiated Superconducting Silicon Using Focused Ion Beam. ACS Applied Electronic Materials, 2020, 2, 677-682.	2.0	6
40	Flux Growth and Superconducting Properties of (Ce,Pr)OBiS2 Single Crystals. Frontiers in Chemistry, 2020, 8, 44.	1.8	14
41	Pressure-induced superconductivity in SnSb₂Te₄. Journal of Physics Condensed Matter, 2020, 32, 235901.	0.7	5
42	Change in the electronic structure of the bismuth chalcogenide superconductor CsBi4â^'x Pb x Te6 by dissociation of the bismuth dimers. Journal of Physics Condensed Matter, 2020, 32, 145501.	0.7	0
43	Crystal size improvement of Bi-based superconducting whiskers under stress-controlled condition. Journal of Crystal Growth, 2020, 541, 125669.	0.7	1
44	Electrical transport measurements for superconducting sulfur hydrides using boron-doped diamond electrodes on beveled diamond anvil. Superconductor Science and Technology, 2020, 33, 124005.	1.8	7
45	Relationship between magnetic ordering and gigantic magnetocaloric effect in HoB2 studied by neutron diffraction experiment. Physical Review B, 2020, 102, .	1.1	7
46	Rapid crystal growth of triple-layered cuprate superconductor HgBa₂Ca₂Cu₃O_{8+Î´} by cesium chloride additional method. Materials Research Express, 2020, 7, 086002.	0.8	0
47	Fabrication of a superconducting YBa₂Cu₄O₈ film via coprecipitation. Japanese Journal of Applied Physics, 2019, 58, 070902.	0.8	0
48	Growth and characterization of (La,Ce)OBiS₂ single crystals. Japanese Journal of Applied Physics, 2019, 58, 063001.	0.8	5
49	Single-crystalline boron-doped diamond superconducting quantum interference devices with regrowth-induced step edge structure. Scientific Reports, 2019, 9, 15214.	1.6	7
50	Growth of Superconducting Sm(O,F)BiS₂ Single Crystals. Crystal Growth and Design, 2019, 19, 6136-6140.	1.4	7
51	Pressure-induced superconductivity in the layered pnictogen diselenide NdO0.8F0.2Sb1â^'xBixSe2(x=0.3and0.7). Physical Review B, 2019, 100, .	1.1	3
52	Growth and transport properties under high pressure of PrOBiS2 single crystals. Solid State Communications, 2019, 296, 17-20.	0.9	5
53	Pressure-induced superconductivity in tin sulfide. Physical Review B, 2019, 99, .	1.1	24
54	Pressure effect in Bi-2212 and Bi-2223 cuprate superconductor. Applied Physics Express, 2019, 12, 043002.	1.1	10

#	Article	IF	Citations
55	Pressure-induced insulator to metal transition of mixed valence compound Ce(O,F)SbS2. Journal of Applied Physics, 2019, 125, .	1.1	8
56	Superconducting critical current density enhanced to 285 A cm^{â^'2} for Sr₂VFeAsO_{3â^'Î´} tapes fabricated by ex situ powder-in-tube process. Applied Physics Express, 2019, 12, 123004.	1.1	0
57	Growth and physical properties of Ce(O,F)Sb(S,Se)2 single crystals with site-selected chalcogen atoms. Solid State Communications, 2019, 289, 38-42.	0.9	5
58	Uniaxial Compression Effects on Cuprate Superconductors. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2019, 29, 262-271.	0.1	0
59	Crystal Structure and Superconductivity of Tetragonal and Monoclinic Ce_{1â€“x}Pr_xOBiS₂. Inorganic Chemistry, 2018, 57, 5364-5370.	1.9	14
60	Direct observation of double valence-band extrema and anisotropic effective masses of the thermoelectric material SnSe. Japanese Journal of Applied Physics, 2018, 57, 010301.	0.8	15
61	Low-temperature breakdown of antiferromagnetic quantum critical behavior in FeSe. Physical Review B, 2018, 97, .	1.1	17
62	Observation of zero resistance in as-electrodeposited FeSe. Solid State Communications, 2018, 270, 72-75.	0.9	12
63	Single Crystal Growth of Cuprate Superconductor (Lu_{0.8}Nd_{0.2})Ba₂Cu₄O₈ by KOH Flux Method. Journal of the Physical Society of Japan, 2018, 87, 123705.	0.7	3
64	Ionic-liquid-gating setup for stable measurements and reduced electronic inhomogeneity at low temperatures. Review of Scientific Instruments, 2018, 89, 103903.	0.6	2
65	Data-driven exploration of new pressure-induced superconductivity in PbBi₂Te₄. Science and Technology of Advanced Materials, 2018, 19, 909-916.	2.8	23
66	Pressure-Induced Superconductivity in Sulfur-Doped SnSe Single Crystal Using Boron-Doped Diamond Electrode-Prefabricated Diamond Anvil Cell. Journal of the Physical Society of Japan, 2018, 87, 124706.	0.7	17
67	Synthesis of Bi₂(O,F)S₂ superconductors by NaF treatment. Journal of the Ceramic Society of Japan, 2018, 126, 591-593.	0.5	2
68	Superconductivity in nano- and micro-patterned high quality single crystalline boron-doped diamond films. Diamond and Related Materials, 2018, 90, 181-187.	1.8	9
69	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
70	Local Structure of FeSe_{0.4}Te_{0.6} by Lowâ€Temperature Xâ€Ray Fluorescence Holography. Physica Status Solidi (B): Basic Research, 2018, 255, 1800093.	0.7	6
71	Enhancement of the critical current density of in-situ powder-in-tube processed MgB2 wires with both xylene and SiC addition. Physica C: Superconductivity and Its Applications, 2018, 551, 5-9.	0.6	1
72	Influence of Oxidation in Starting Material Sn on Electric Transport Properties of SnSe Single Crystals. Journal of the Physical Society of Japan, 2018, 87, 065001.	0.7	8

#	Article	IF	Citations
73	Diamond anvil cells using boron-doped diamond electrodes covered with undoped diamond insulating layer. Applied Physics Express, 2018, 11, 053101.	1.1	23
74	Two pressure-induced superconducting transitions in SnBi₂Se₄ explored by data-driven materials search: new approach to developing novel functional materials including thermoelectric and superconducting materials. Applied Physics Express, 2018, 11, 093101.	1.1	24
75	Single Crystal Growth and Superconducting Properties of Antimony-Substituted NdO0.7F0.3BiS2. Condensed Matter, 2018, 3, 1.	0.8	5
76	Lithography-free control of the position of single-walled carbon nanotubes on a substrate by focused ion beam induced deposition of catalyst and chemical vapor deposition. Applied Physics Express, 2018, 11, 085101.	1.1	1
77	Quantum conductance-temperature phase diagram of granular superconductor K x Fe2â˜ySe2. Scientific Reports, 2018, 8, 7041.	1.6	2
78	Growth and superconducting properties of Cd-doped La(O,F)BiS2 single crystals. Solid State Communications, 2017, 261, 32-36.	0.9	3
79	Transport Properties of Hydrogen-Terminated Silicon Surface Controlled by Ionic-Liquid Gating. Journal of the Physical Society of Japan, 2017, 86, 014703.	0.7	4
80	Low-Temperature Carrier Transport in Ionic-Liquid-Gated Hydrogen-Terminated Silicon. Journal of the Physical Society of Japan, 2017, 86, 114703.	0.7	2
81	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
82	Quantum oscillations in the SmFeAsO parent compound and superconducting SmFeAs(O,F). Physical Review B, 2017, 96, .	1.1	6
83	Direct observation of microstructures on superconducting single crystals of KxFe2â˜ySe2. Applied Physics Express, 2017, 10, 023101.	1.1	8
84	Phase Diagram of FeSe Deposited by Electrochemical Technique with Different Temperature and Voltage. Journal of the Physical Society of Japan, 2017, 86, 075001.	0.7	7
85	Phase-Separation Control of KxFe2â˜ySe2 Superconductor through Rapid-Quenching Process. Journal of the Physical Society of Japan, 2017, 86, 043703.	0.7	2
86	Synthesis of LaO_{0.5}F_{0.5}BiS₂ nanosheets by ultrasonification. Journal of Asian Ceramic Societies, 2017, 5, 183-185.	1.0	2
87	Superconductivity and its enhancement under high pressure in â€œF-freeâ€•single crystals of CeOBiS2. Journal of Alloys and Compounds, 2017, 722, 467-473.	2.8	23
88	Unconventional Superconductivity in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>BiS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>-Based Layered Superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>NdO</mml:mi></mml:mrow><mml:mrow><mml:mn>0.71</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>, mathvariant="nor. Physical Review Letters, 2017, 118, 167002.	2.9	55
89	Anisotropic superconductivity in La(O,F)BiSeS crystals revealed by field-angle dependent Andreev reflection spectroscopy. Solid State Communications, 2017, 264, 26-30.	0.9	6
90	Quenching dependence on superconductivity in the synthesizing process of single crystals of Rb Fe2-Se2. Solid State Communications, 2017, 265, 32-36.	0.9	2

#	Article	IF	Citations
91	Ce 4f electronic states of CeO1âˆ’xFxBiS2 studied by soft x-ray photoemission spectroscopy. Physical Review B, 2017, 95, .	1.1	5
92	Superconducting joints using Bi-added PbSn solders. Applied Physics Express, 2017, 10, 093102.	1.1	12
93	Uniaxial strain effects on the superconducting transition in Re-doped Hg-1223 cuprate superconductors. Physical Review B, 2017, 95, .	1.1	15
94	Diamond anvil cell using metallic diamond electrodes. Japanese Journal of Applied Physics, 2017, 56, 05FC01.	0.8	11
95	Superconductivity in Iron Chalcogenide Compounds Induced by Battery-Like Reaction. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 468-472.	0.2	0
96	The Electrochemical Synthesis of Superconducting FeSe. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2016, 80, 462-467.	0.2	1
97	Research Update: Structural and transport properties of (Ca,La)FeAs2 single crystal. APL Materials, 2016, 4, .	2.2	4
98	Note: Novel diamond anvil cell for electrical measurements using boron-doped metallic diamond electrodes. Review of Scientific Instruments, 2016, 87, 076103.	0.6	34
99	Origin of Pressure-induced Superconducting Phase in KxFe2âˆ’ySe2 studied by Synchrotron X-ray Diffraction and Spectroscopy. Scientific Reports, 2016, 6, 30946.	1.6	16
100	Enhanced physical properties of single crystal Fe0.99Te0.63Se0.37 prepared by self-flux synthesis method. Journal of Alloys and Compounds, 2016, 683, 164-170.	2.8	13
101	Change of the Surface Structure by F Doping in BiS2-Based Superconductor CeO1-xFxBiS2. Physics Procedia, 2016, 81, 49-52.	1.2	6
102	Fabrication and Characterization of Sintered Iron-Chalcogenide Superconductors. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.1	13
103	Growth and Structure of Ce(O,F)SbS₂ Single Crystals. Crystal Growth and Design, 2016, 16, 3037-3042.	1.4	23
104	Origin of the Higher-Tc Phase in the KxFe2âˆ’ySe2 System. Journal of the Physical Society of Japan, 2016, 85, 044710.	0.7	12
105	Bulk sensitive angle-resolved photoelectron spectroscopy on Nd(O,F)BiS2. Journal of Physics: Conference Series, 2016, 683, 012003.	0.3	4
106	Determination of the local structure of CsBi_{4âˆ’x}Pb_xTe₆ (x = 0,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.3	4
107	Discovery of the Pt-Based Superconductor LaPt₅As. Journal of the American Chemical Society, 2016, 138, 9927-9934.	6.6	11
108	Superconductivity in alkali-doped fullerene nanowhiskers. Journal of Physics Condensed Matter, 2016, 28, 354003.	0.7	8

#	Article	IF	Citations
109	Comparative ARPES studies of LaO_xF_{1â^'x}BiS₂(x = 0.23 and 0.46). Journal of Physics: Conference Series, 2016, 683, 012002.	0.3	3
110	Spin-induced anomalous magnetoresistance at the (100) surface of hydrogen-terminated diamond. Physical Review B, 2016, 94, .	1.1	12
111	Correction to Structure, Superconductivity, and Magnetism of Ce(O,F)BiS₂ Single Crystals. Crystal Growth and Design, 2016, 16, 2459-2459.	1.4	0
112	Observation of a Hidden Hole-Like Band Approaching the Fermi Level in K-Doped Iron Selenide Superconductor. Journal of the Physical Society of Japan, 2016, 85, 073704.	0.7	12
113	The synthesis and magnetic structure of the iron selenide Ba_{0.8}Fe₂Se₂. Journal of Physics: Conference Series, 2016, 667, 012003.	0.3	0
114	X-ray Fluorescence Holographic Study on High-Temperature Superconductor FeSe_{0.4}Te_{0.6}. Zeitschrift Fur Physikalische Chemie, 2016, 230, 489-498.	1.4	6
115	Electrochemical Deposition of FeSe on RABiTS Tapes. Journal of the Physical Society of Japan, 2016, 85, 015001.	0.7	17
116	Uniaxial Strain Effects on Superconducting Transition in Y_{0.98}Ca_{0.02}Ba₂Cu₄O₈. Journal of the Physical Society of Japan, 2016, 85, 024711.	0.7	9
117	In-plane charge fluctuations in bismuth-sulfide superconductors. Physical Review B, 2015, 91, .	1.1	61
118	Pressure dependence of superconductive transition temperature on KxFe2-ySe2. Journal of Physics: Conference Series, 2015, 592, 012070.	0.3	4
119	Anderson's impurity-model analysis on CeO_{1-x}F_xBiS₂. Journal of Physics: Conference Series, 2015, 592, 012073.	0.3	3
120	Superconductivity in FeTe_{1â^'}_xS_x Induced by Electrochemical Reaction Using Ionic Liquid Solution. Journal of the Physical Society of Japan, 2015, 84, 034706.	0.7	5
121	Correlation between Tc and Crystal Structure in S-Doped FeSe Superconductors under Pressure: Studied by X-ray Diffraction of FeSe0.8S0.2 at Low Temperatures. Journal of the Physical Society of Japan, 2015, 84, 024713.	0.7	10
122	Pressure-Induced Superconductivity in BiS₂-Based EuFBiS₂. Journal of the Physical Society of Japan, 2015, 84, 115003.	0.7	18
123	Observation of a Pressure-Induced Phase Transition for Single Crystalline LaO0.5F0.5BiSeS Using a Diamond Anvil Cell. Journal of the Physical Society of Japan, 2015, 84, 095001.	0.7	3
124	Direct observation of nanoscale interface phase in the superconducting chalcogenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>2</mml:mn></m intrinsic phase separation. Physical Review B, 2015, 91, .	1.1	59
125	Signature of high Tc above 25â€‰K in high quality superconducting diamond. Applied Physics Letters, 2015, 106, 052601.	1.5	54
126	Coexistence of Bulk Superconductivity and Magnetism in CeO_{1â^'}_xF_xBiS₂. Journal of the Physical Society of Japan, 2015, 84, 024709.	0.7	61

#	Article	IF	Citations
127	Structure and physical properties of iron-selenide KxFe2â^'ySe2. Materials Chemistry and Physics, 2015, 164, 157-162.	2.0	3
128	Site selectivity on chalcogen atoms in superconducting La(O,F)BiSSe. Applied Physics Letters, 2015, 106, .	1.5	35
129	C-axis electrical resistivity of PrO_{1â^'}_aF_aBiS₂single crystals. Japanese Journal of Applied Physics, 2015, 54, 083101.	0.8	22
130	Enhancement of Tc in BiS2-based superconductors NdO0.7F0.3BiS2 by substitution of Pb for Bi. Solid State Communications, 2015, 223, 40-44.	0.9	10
131	Structure, Superconductivity, and Magnetism of Ce(O,F)BiS2 Single Crystals. Crystal Growth and Design, 2015, 15, 39-44.	1.4	32
132	Development of Cuprate Superconductor Films and Wires for Game-changing Technology. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2015, 50, 510-515.	0.1	0
133	Superconducting Anisotropies of F-Substituted LaOBiSe₂ Single Crystals. Journal of the Physical Society of Japan, 2014, 83, 114709.	0.7	26
134	Pressure-Induced Enhancement of Superconductivity and Structural Transition in BiS₂-Layered LaO_{1â^'}_xF_xBiS₂. Journal of the Physical Society of Japan, 2014, 83, 063704.	0.7	111
135	Temperature dependence of iron local magnetic moment in phase-separated superconducting chalcogenide. Physical Review B, 2014, 90, .	1.1	14
136	Coexistence of ferromagnetism and superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeO</mml:mi><mml:mrow><mml:mn>0.3<mathvariant="normal">F</mml:mi><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>BiS</mml:mi></mml:mrow></mml:math>. Physical Review B, 2014, 90, .	1.1	27
137	Pressure-induced topological change in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>La</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>0.54</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mrow><mml:mn>0.46</mml:mn></mml:mrow></mml:msub><mml:mi>Bi</mml:mi><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2014, 90, .	1.1	34
138	On the superconductivity of the LixRhBycompositions. Materials Research Express, 2014, 1, 046001.	0.8	1
139	Preparation and characterization of PEG/Bi2212 nanocomposites. Journal of Physics: Conference Series, 2014, 507, 012012.	0.3	0
140	The effect of exceptionally high fluorine doping on the anisotropy of single crystalline SmFeAsO1â^'xFx. Applied Physics Letters, 2014, 105, 102602.	1.5	25
141	Local structure response of phase separation and iron-vacancy order inKxFe2â^'ySe2superconductor. Physical Review B, 2014, 90, .	1.1	8
142	Quantum oscillations of the two-dimensional hole gas at atomically flat diamond surfaces. Physical Review B, 2014, 89, .	1.1	28
143	â€œCheckerboard Stripeâ€•Electronic State on Cleaved Surface of NdO_{0.7}F_{0.3}BiS₂ Probed by Scanning Tunneling Microscopy. Journal of the Physical Society of Japan, 2014, 83, 113701.	0.7	45
144	Electronic structure ofLaO1â^'xFxBiSe2(x=0.18)revealed by photoelectron spectromicroscopy. Physical Review B, 2014, 90, .	1.1	15

#	Article	IF	Citations
145	Determination of local atomic displacements in CeO1â^'xFxBiS2system. Journal of Physics Condensed Matter, 2014, 26, 435701.	0.7	42
146	Effect of high-pressure annealing on the normal-state transport of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">LaO</mml:mi></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">F</mml:mi></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">BiS</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	1.1	23
147	High-Tc Phase of PrO0.5F0.5BiS2 single crystal induced by uniaxial pressure. Applied Physics Letters, 2014, 105, 052601.	1.5	25
148	Pressure-induced phase transition for single-crystalline LaO 0.5 F 0.5 BiSe 2. Europhysics Letters, 2014, 108, 47007.	0.7	18
149	Excess iron deintercalation induced superconductivity in Fe(Te, Se) and Fe(Te, S) via sulfur annealing. Journal of Applied Physics, 2014, 115, 053909.	1.1	9
150	Synthesis and physical properties of Ca_{1â^'}_xRE_xFeAs₂withRE= Laâ€“Gd. Applied Physics Express, 2014, 7, 073102.	1.1	39
151	Pressure-dependent magnetization and magnetoresistivity studies on tetragonal FeS (mackinawite): revealing its intrinsic metallic character. Science and Technology of Advanced Materials, 2014, 15, 055007.	2.8	17
152	Fabrication of FeTe0.4Se0.6 superconducting tapes by a chemical-transformation PIT process. Physica C: Superconductivity and Its Applications, 2014, 504, 77-80.	0.6	9
153	Correlation between crystal structure and superconductivity in LaO0.5F0.5BiS2. Solid State Communications, 2014, 181, 1-4.	0.9	46
154	Superconductivity in Fe1+d Te0.9Se0.1 Induced by Deintercalation of Excess Fe Using Alcoholic Beverage Treatment. Journal of Superconductivity and Novel Magnetism, 2014, 27, 305-308.	0.8	6
155	The Annealing Effects in the Iron-Based Superconductor FeTe0.8Se0.2 Prepared by the Self-Flux Method. Journal of Superconductivity and Novel Magnetism, 2014, 27, 2691-2697.	0.8	13
156	X-ray absorption and photoemission spectroscopy of electronic phase separation inKxFe2â^'ySe2. Physical Review B, 2014, 90, .	1.1	7
157	The effect of simultaneous substitution on the electronic band structure and thermoelectric properties of Se-doped Co3SnInS2 with the Kagome lattice. Solid State Communications, 2014, 199, 56-60.	0.9	16
158	Confined synthesis of CdSe quantum dots in the pores of metalâ€“organic frameworks. Journal of Materials Chemistry C, 2014, 2, 7173-7175.	2.7	36
159	Enhancement of T_c by Uniaxial Lattice Contraction in BiS₂-Based Superconductor PrO_{0.5}F_{0.5}BiS₂. Journal of the Physical Society of Japan, 2014, 83, 065002.	0.7	32
160	Soft X-ray Photoemission Study of New BiS₂-Layered Superconductor LaO_{1â^'}_xF_xBiS₂. Journal of the Physical Society of Japan, 2014, 83, 033703.	0.7	27
161	Superconductivity in FeTe0.8S0.2 induced by battery-like reaction. Solid State Communications, 2014, 200, 29-31.	0.9	6
162	Fabrication of <formula formulatype="inline"><tex Notation="TeX">$hbox{FeTe}_{0.5}hbox{Se}_{0.5}$</tex> </formula> Superconducting Wires and Tapes by a Chemical-Transformation PIT Process. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.1	7

#	Article	IF	Citations
163	First single crystal growth and structural analysis of superconducting layered bismuth oxyselenide; La(O,F)BiSe2. Journal of Solid State Chemistry, 2014, 219, 168-172.	1.4	33
164	Effective Disappearance of the Meissner Signal in the Cuprate Superconductor YBa₂Cu₄O₈ under Uniaxial Strain. Journal of the Physical Society of Japan, 2014, 83, 023705.	0.7	17
165	Electrical transport properties of small diameter single-walled carbon nanotubes aligned on ST-cut quartz substrates. Nanoscale Research Letters, 2014, 9, 374.	3.1	4
166	Evidence for non-metallic behaviour in tetragonal FeS (mackinawite). Materials Chemistry and Physics, 2014, 147, 50-56.	2.0	29
167	Growth and superconducting properties of F-substituted ROBiS2 (R=La, Ce, Nd) single crystals. Solid State Communications, 2014, 178, 33-36.	0.9	83
168	Role of the Ce valence in the coexistence of superconductivity and ferromagnetism ofCeO1â^'xFxBiS2revealed by CeL3-edge x-ray absorption spectroscopy. Physical Review B, 2014, 89, .	1.1	67
169	Amorphous FeAs-free SmFeAsO1â^'xFxusing low temperature sintering with slow cooling. Journal of Physics: Conference Series, 2014, 507, 012015.	0.3	1
170	On the bad metallicity and phase diagrams of Fe_{1+Î´}X(X=Te, Se, S, solid) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	0
171	Spectromicroscopy of electronic phase separation in KxFe2â^'ySe2 superconductor. Scientific Reports, 2014, 4, 5592.	1.6	35
172	Angular dependence of the resistive upper critical field of the iron-based superconductor Fe1+Î´ (Te,Se) in high magnetic fields. Journal of the Korean Physical Society, 2013, 62, 1997-2000.	0.3	1
173	Substitution effects of Ag into FeSe0.5Te0.5 superconductor. Physica C: Superconductivity and Its Applications, 2013, 484, 66-68.	0.6	22
174	Effect of excess Fe on magnetic properties and crystallographic phases in Fe1+ÎTe. Physica C: Superconductivity and Its Applications, 2013, 484, 19-21.	0.6	7
175	Fermiological interpretation of FeTe _{1â^'x} Se _x thin crystal by quantum conductance oscillation. Europhysics Letters, 2013, 104, 37010.	0.7	4
176	Tartaric acid in red wine as one of the key factors to induce superconductivity in FeTe0.8S0.2. Physica C: Superconductivity and Its Applications, 2013, 487, 16-18.	0.6	8
177	Field-Induced Magnetostructural Transitions in Antiferromagnetic Fe1+y Te1â^'x S x. Journal of Low Temperature Physics, 2013, 170, 340-345.	0.6	0
178	Electrodeposition as a new route to synthesize superconducting FeSe. Solid State Communications, 2013, 154, 40-42.	0.9	35
179	Probing the electronic properties of ternary AnM3nâ^'1B2n (n = 1: A = Ca, Sr; M = Rh, Ir and n = 3: A = Ca,) Tj ETQq1 1 0.784314 rgBT /O 2013, 14, 035003.	2.8	2
180	New Member of BiS₂-Based Superconductor NdO_{1-x}F_xBiS₂. Journal of the Physical Society of Japan, 2013, 82, 033708.	0.7	244

#	Article	IF	Citations
181	Observation of an isosceles triangular electronic structure around the excess iron atoms in Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>+</mml:mo><mml:mi>Î´</mml:mi></mml:mrow></mml:msub></mml:math>Te. Physical Review B, 2013, 87, .	1.1	9
182	SPATIAL VARIATION OF TUNNELING SPECTRA IN (111)-ORIENTED FILMS OF BORON-DOPED DIAMOND PROBED BY STM/STS. International Journal of Modern Physics B, 2013, 27, 1362014.	1.0	4
183	Preparation and superconductivity of potassium-doped fullerene nanowhiskers. Materials Research Bulletin, 2013, 48, 343-345.	2.7	27
184	Structural Analysis and Superconducting Properties of F-Substituted NdOBiS₂ Single Crystals. Journal of the Physical Society of Japan, 2013, 82, 113701.	0.7	94
185	Low-Temperature Transport Properties of Holes Introduced by Ionic Liquid Gating in Hydrogen-Terminated Diamond Surfaces. Journal of the Physical Society of Japan, 2013, 82, 074718.	0.7	30
186	Phase diagram and superconductivity at 58.1 K in Î±-FeAs-free SmFeAsO_{1âˆ’x}F_x. Superconductor Science and Technology, 2013, 26, 085023.	1.8	66
187	Evolution of superconductivity in isovalent Te-substituted K_xFe_{2âˆ’y}Se₂crystals. Superconductor Science and Technology, 2013, 26, 055002.	1.8	11
188	Synthesis of Polyaniline with Low Polydispersity by Using a Supramolecular Ionic Assembly as the Reaction Medium. Chemistry - A European Journal, 2013, 19, 5824-5829.	1.7	2
189	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>s</mml:mi></mml:math>-wave pairing in the optimally doped LaO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	57
190	Evolution of superconductivity in LaO _{1âˆ’x} F _x BiS ₂ prepared by high-pressure technique. Europhysics Letters, 2013, 101, 17004.	0.7	119
191	Crystal structure, lattice vibrations, and superconductivity of LaO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>BiS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	68
192	Î±-FeAs-Free SmFeAsO_{1-x}F_xby Low Temperature Sintering with Slow Cooling. Journal of the Physical Society of Japan, 2013, 82, 094707.	0.7	8
193	Effect of the Indium Addition on the Superconducting Property and the Impurity Phase in Polycrystalline SmFeAsO_{1-x}F_x. Journal of the Physical Society of Japan, 2013, 82, 024705.	0.7	9
194	Metal Addition Effects on SmFeAsO1-xFx. TEION KOGAKU (Journal of Cryogenics and Superconductivity) Tj ETQq0 0 0 rgBT /Overlock 10	0.1	1
195	Structural characterization of the C₆₀ nanowhiskers heat-treated at high temperatures for potential superconductor application. Transactions of the Materials Research Society of Japan, 2013, 38, 517-520.	0.2	0
196	Uniaxial Strain Effects on Cuprate Superconductor YBa2Cu4O8. Journal of the Physical Society of Japan, 2012, 81, 113709.	0.7	11
197	Evidence of Inhomogeneous Superconductivity in FeTe1-xSexby Scotch-Tape Method. Journal of the Physical Society of Japan, 2012, 81, 113707.	0.7	9
198	Focus on superconducting properties of iron chalcogenides. Science and Technology of Advanced Materials, 2012, 13, 050301.	2.8	4

#	Article	IF	Citations
199	Superconductivity in Novel BiS₂-Based Layered Superconductor LaO_{1-x}F_xBiS₂. Journal of the Physical Society of Japan, 2012, 81, 114725.	0.7	397
200	Electrochemical Synthesis of Iron-Based Superconductor FeSe Films. Journal of the Physical Society of Japan, 2012, 81, 043702.	0.7	23
201	Coexistence of different electronic phases in the K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.8</mml:mn></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.6</mml:mn></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	26
202	Large local disorder in superconducting K0.8Fe1.6Se2studied by extended x-ray absorption fine structure. Journal of Physics Condensed Matter, 2012, 24, 115701.	0.7	21
203	Enhancement of superconducting properties in FeSe wires using a quenching technique. Journal of Applied Physics, 2012, 111, 013912.	1.1	18
204	Evolution of Tetragonal Phase in the FeSe Wire Fabricated by a Novel Chemical-Transformation Powder-in-Tube Process. Japanese Journal of Applied Physics, 2012, 51, 010101.	0.8	2
205	High-pressure studies onT_cand crystal structure of iron chalcogenide superconductors. Science and Technology of Advanced Materials, 2012, 13, 054401.	2.8	3
206	Fabrication of (Bi,Pr)(Fe,Mn)O$_{3}$ Thin Films on Polycrystalline Diamond Substrates by Chemical Solution Deposition and Their Properties. Japanese Journal of Applied Physics, 2012, 51, 09LA08.	0.8	5
207	Unidirectional Electronic Structure in the Parent State of Iron-Chalcogenide Superconductor Fe_{1+Î´}Te. Journal of the Physical Society of Japan, 2012, 81, 074714.	0.7	14
208	Field-Induced Magnetostructural Transitions in Antiferromagnetic Fe_{1+y}Te_{1-x}S_x. Journal of the Physical Society of Japan, 2012, 81, 063703.	0.7	7
209	Inducement of Superconductivity in Fe(Te,S) by Sulfuric Acid Treatment. Journal of the Physical Society of Japan, 2012, 81, 085005.	0.7	5
210	Effect of Pressure on the Electrical Resistance of Individual Boron-Doped Carbon Nanotubes. Japanese Journal of Applied Physics, 2012, 51, 105103.	0.8	1
211	Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>-based layered superconductor Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	373
212	Fabrication of binary FeSe superconducting wires by diffusion process. Journal of Applied Physics, 2012, 111, .	1.1	40
213	Physics and chemistry of layered chalcogenide superconductors. Science and Technology of Advanced Materials, 2012, 13, 054303.	2.8	81
214	Pressure Study of BiS₂-Based Superconductors Bi₄O₄S₃and La(O,F)BiS₂. Journal of the Physical Society of Japan, 2012, 81, 103702.	0.7	134
215	Clarification as to why alcoholic beverages have the ability to induce superconductivity in Fe_{1+d}Te_{1âˆ’x}S_x. Superconductor Science and Technology, 2012, 25, 084015.	1.8	21
216	Macroscopic quantum tunneling and phase diffusion in a La<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Sr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>CuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	9

#	Article	IF	Citations
217	Superconducting Fullerene Nanowhiskers. Molecules, 2012, 17, 4851-4859.	1.7	38
218	Superconducting Transitions and Crystal Structure for FeSe_{1â^'x}S_x(x=0.2) under Pressure. Journal of Physics: Conference Series, 2012, 400, 022125.	0.3	4
219	Te concentration dependent photoemission and inverse-photoemission study of FeSe1â^'xTex. Science and Technology of Advanced Materials, 2012, 13, 054403.	2.8	7
220	Vertical SNS weak-link Josephson junction fabricated from only boron-doped diamond. Physical Review B, 2012, 85, .	1.1	14
221	Electronic properties of FeSe1â^'xTexprobed by x-ray emission and absorption spectroscopy. Journal of Physics Condensed Matter, 2012, 24, 415501.	0.7	11
222	One-step synthesis of K x Fe 2â^'y Se 2 single crystal for high critical current density. Europhysics Letters, 2012, 98, 27002.	0.7	30
223	Weak Spin Fluctuation with Finite Wave Vector and Superconducting Gap Symmetry in K_xFe_{2-y}Se₂:⁷⁷Se Nuclear Magnetic Resonance. Journal of the Physical Society of Japan, 2012, 81, 104712.	0.7	3
224	One-dimensional Electronic Order in Fe1.07Te Probed by Scanning Tunneling Spectroscopy. Journal of Superconductivity and Novel Magnetism, 2012, 25, 1273-1276.	0.8	1
225	Superconductive CaC6 prepared from flexible graphite sheets. Solid State Communications, 2012, 152, 767-770.	0.9	4
226	Phase diagram and oxygen annealing effect of FeTe1â^'Se iron-based superconductor. Solid State Communications, 2012, 152, 1135-1138.	0.9	67
227	Superconducting fluctuations of the specific heat in the short wavelength fluctuation regime. Physics Procedia, 2012, 27, 68-71.	1.2	1
228	Magnetization of K0.8Fe2Se2 superconductor. Physics Procedia, 2012, 27, 108-111.	1.2	0
229	Evolution of Tetragonal Phase in the FeSe Wire Fabricated by a Novel Chemical-Transformation Powder-in-Tube Process. Japanese Journal of Applied Physics, 2012, 51, 010101.	0.8	15
230	Fabrication of (Bi,Pr)(Fe,Mn)O3Thin Films on Polycrystalline Diamond Substrates by Chemical Solution Deposition and Their Properties. Japanese Journal of Applied Physics, 2012, 51, 09LA08.	0.8	1
231	Effect of Pressure on the Electrical Resistance of Individual Boron-Doped Carbon Nanotubes. Japanese Journal of Applied Physics, 2012, 51, 105103.	0.8	0
232	Transport Properties of Iron-Based $hbox{FeTe}_{0.5}hbox{Se}_{0.5}$ Superconducting Wire. IEEE Transactions on Applied Superconductivity, 2011, 21, 2858-2861.	1.1	26
233	Single Crystal Growth and Structural Characterization of ${m FeTe}_{1-x}{m S}_{x}$. IEEE Transactions on Applied Superconductivity, 2011, 21, 2866-2869.	1.1	10
234	Nanoscale phase separation in the iron chalcogenide superconductor K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi /><mml:mrow><mml:mn>1</mml:mn><mml:mo>.</mml:mo><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:. Physical Review B, 2011, 84, .	1.1	228

#	Article	IF	Citations
235	Superconductivity in oxygen-annealed FeTe1â^'xSx single crystal. Journal of Applied Physics, 2011, 109, 013914.	1.1	37
236	Random alloy-like local structure of Fe(Se, S)1â^'xTexsuperconductors revealed by extended x-ray absorption fine structure. Journal of Physics Condensed Matter, 2011, 23, 425701.	0.7	15
237	Multiple phosphorus chemical sites in heavily phosphorus-doped diamond. Applied Physics Letters, 2011, 98, .	1.5	16
238	Alcoholic beverages induce superconductivity in FeTe1 â^'xSx. Superconductor Science and Technology, 2011, 24, 055008.	1.8	44
239	Transport properties and microstructure of mono- and seven-core wires of FeSe_{1 â^'x}Te_xsuperconductor produced by the Fe-diffusion powder-in-tube method. Superconductor Science and Technology, 2011, 24, 105002.	1.8	50
240	Raman Spectroscopic Study of K_{0.8}Fe₂Se₂. Journal of the Physical Society of Japan, 2011, 80, 075003.	0.7	1
241	Pressure study on oxygen-annealed FeTe0.8S0.2. Physica C: Superconductivity and Its Applications, 2011, 471, 611-613.	0.6	1
242	Intrinsic pinning properties of FeSe0.5Te0.5. Physica C: Superconductivity and Its Applications, 2011, 471, 916-918.	0.6	9
243	Microstructure and transport properties of FeTe0.5Se0.5 superconducting wires fabricated by ex-situ Powder-in-tube process. Physica C: Superconductivity and Its Applications, 2011, 471, 1150-1153.	0.6	11
244	Superconductivity in PbO-type Fe chalcogenides. Zeitschrift FÃ¼r Kristallographie, 2011, 226, .	1.1	17
245	Photoemission study of electronic structure evolution across the metalâ€“insulator transition of heavily B-doped diamond. Journal of Physics and Chemistry of Solids, 2011, 72, 582-584.	1.9	7
246	High-Pressure Studies for Iron-Based Superconductors. Japanese Journal of Applied Physics, 2011, 50, 05FD01.	0.8	3
247	Preparation of Thin Crystals of FeTe_{1-x}S_x Using the Scotch-Tape Method. Japanese Journal of Applied Physics, 2011, 50, 088003.	0.8	5
248	Electronic structure ofFeSe1â^'xTexstudied by FeL2,3-edge x-ray absorption spectroscopy. Physical Review B, 2011, 83, .	1.1	10
249	Transport properties of the new Fe-based superconductor KxFe2Se2 (Tc=33â€,K). Applied Physics Letters, 2011, 98, 042511.	1.5	136
250	Fabrication of submicron La2â^'xSrxCuO4 intrinsic Josephson junction stacks. Journal of Applied Physics, 2011, 109, 033912.	1.1	5
251	Pressure Study of the New Iron-Based Superconductor K0.8Fe2Se2. Journal of the Physical Society of Japan, 2011, 80, 075002.	0.7	6
252	Intrinsic phase separation in superconducting K0.8Fe1.6Se2(Tc= 31.8 K) single crystals. Superconductor Science and Technology, 2011, 24, 082002.	1.8	118

#	Article	IF	Citations
253	A New Noncentrosymmetric Superconducting Phase in the Liâ€“Rhâ€“B System. Journal of the Physical Society of Japan, 2011, 80, 013702.	0.7	4
254	EffectiveEx-situFabrication of F-Doped SmFeAsO Wire for High Transport Critical Current Density. Applied Physics Express, 2011, 4, 063102.	1.1	51
255	Possible Superconducting Symmetry and Magnetic Correlations in K0.8Fe2Se2: A77Se-NMR Study. Journal of the Physical Society of Japan, 2011, 80, 043708.	0.7	33
256	Analysis of interdiffusion between SmFeAsO0.92F0.08and metals forex situfabrication of superconducting wire. Superconductor Science and Technology, 2011, 24, 075024.	1.8	10
257	Structure and Electrical Properties of (Pr, Mn)-Codoped BiFeO3â•B-Doped Diamond Layered Structure. Electrochemical and Solid-State Letters, 2011, 14, G31.	2.2	6
258	Transport properties of single- and three-core FeSe wires fabricated by a novel chemical-transformation PIT process. Superconductor Science and Technology, 2011, 24, 125003.	1.8	38
259	High-Pressure Studies for Iron-Based Superconductors. Japanese Journal of Applied Physics, 2011, 50, 05FD01.	0.8	0
260	Preparation of Thin Crystals of FeTe1-xSxUsing the Scotch-Tape Method. Japanese Journal of Applied Physics, 2011, 50, 088003.	0.8	0
261	Electrical resistivity measurements under high pressure for FeTe_{0.92}. Journal of Physics: Conference Series, 2010, 200, 012196.	0.3	8
262	Macroscopic Quantum Tunneling in a Bi2Sr2CaCu2O8+Î´Single Crystalline Whisker. Applied Physics Express, 2010, 3, 063104.	1.1	10
263	Formation Mechanism of BaZrO3 Nanorods in SmBa2Cu3Oy Thin Films. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2010, 74, 422-427.	0.2	1
264	Weak Superconducting Fluctuations and Small Anisotropy of the Upper Critical Fields in an Fe_{1.05}Te_{0.85}Se_{0.15} Single Crystal. Journal of the Physical Society of Japan, 2010, 79, 074706.	0.7	22
265	Superconductor-to-insulator transition in boron-doped diamond films grown using chemical vapor deposition. Physical Review B, 2010, 82, .	1.1	66
266	Pressure effects on FeSe family superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S353-S355.	0.6	14
267	Air-exposure effects of superconductivity in Fe(Te, S). Physica C: Superconductivity and Its Applications, 2010, 470, S340-S341.	0.6	13
268	MÃ¶ssbauer studies on FeSe and FeTe. Physica C: Superconductivity and Its Applications, 2010, 470, S338-S339.	0.6	32
269	Analysis on photoemission spectrum of superconducting FeSe. Physica C: Superconductivity and Its Applications, 2010, 470, S389-S390.	0.6	6
270	Critical concentrations of superconductor to insulator transition in (1 1 1) and (0 0 1) CVD boron-doped diamond. Physica C: Superconductivity and Its Applications, 2010, 470, S604-S607.	0.6	2

#	Article	IF	Citations
271	Photoemission study of Ca-intercalated graphite superconductor CaC6. Physica C: Superconductivity and Its Applications, 2010, 470, S637-S638.	0.6	0
272	Characterization of FeSe single crystals. Physica C: Superconductivity and Its Applications, 2010, 470, S497-S498.	0.6	8
273	Angle-resolved photoemission study of Si electronic structure: Boron concentration dependence. Physica C: Superconductivity and Its Applications, 2010, 470, S641-S643.	0.6	1
274	Stacked SNS Josephson junction of all boron doped diamond. Physica C: Superconductivity and Its Applications, 2010, 470, S613-S615.	0.6	11
275	77Se-NMR study of Co-substituted FeSe. Physica C: Superconductivity and Its Applications, 2010, 470, S426-S427.	0.6	7
276	10B and 11B high-resolution NMR studies on boron-doped diamond. Physica C: Superconductivity and Its Applications, 2010, 470, S625-S626.	0.6	4
277	Cross-sectional TEM study and film thickness dependence of Tc in heavily boron-doped superconducting diamond. Physica C: Superconductivity and Its Applications, 2010, 470, S610-S612.	0.6	16
278	Microwave plasma chemical vapor deposition synthesis of boron-doped carbon nanotube. Physica C: Superconductivity and Its Applications, 2010, 470, S608-S609.	0.6	11
279	Electronic structures of B 2p levels in homo-epitaxial growth boron-doped diamond by soft X-rays absorption spectroscopy. Physica C: Superconductivity and Its Applications, 2010, 470, S671-S672.	0.6	2
280	Pressure Studies for 1111 and 11 Type Iron-based Superconductors. Materials Research Society Symposia Proceedings, 2010, 1254, 202.	0.1	0
281	Flux pinning properties and microstructure of SmBa2Cu3Oy thin films with systematically controlled BaZrO3 nanorods. Journal of Applied Physics, 2010, 108, 093905.	1.1	45
282	Evidence of local structural inhomogeneity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeSe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:m extended x-ray absorption fine structure. Physical Review B, 2010, 82, .	1.1	85
283	A study of the electronic structure of FeSe_{1 â^'x}Te_xchalcogenides by Fe and Se K-edge x-ray absorption near edge structure measurements. Journal of Physics Condensed Matter, 2010, 22, 485702.	0.7	52
284	Growth and Anisotropic Properties of RBa2Cu3OxSingle-Crystal Whiskers. Japanese Journal of Applied Physics, 2010, 49, 033101.	0.8	5
285	Review of Fe Chalcogenides as the Simplest Fe-Based Superconductor. Journal of the Physical Society of Japan, 2010, 79, 102001.	0.7	328
286	Anion height dependence ofT_cfor the Fe-based superconductor. Superconductor Science and Technology, 2010, 23, 054013.	1.8	420
287	Moisture-induced superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeTe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1 Physical Review B, 2010, 81, .	1.1	49
288	Determination of the local structure inFeSe 0.25 Te 0.75 single crystal by polarized EXAFS. Europhysics Letters, 2010, 90, 67008.	0.7	13

#	Article	IF	Citations
289	Evolution of superconductivity by oxygen annealing in FeTe _{0.8} S _{0.2}. Europhysics Letters, 2010, 90, 57002.	0.7	58
290	Local density of states and superconducting gap in the iron chalcogenide superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mn> Physical Review B, 2009, 80, .	1.1	75
291	Superconductor-insulator phase transition in single-crystalLa2â^'xSrxCuO4films grown by the liquid-phase epitaxy method. Physical Review B, 2009, 80, .	1.1	0
292	Spectroscopic evidence of the existence of substantialCaâ€‰3dderived states at the Fermi level in the Ca-intercalated graphite superconductorCaC6. Physical Review B, 2009, 80, .	1.1	12
293	IshizakaetÂal.Reply:. Physical Review Letters, 2009, 102, .	2.9	0
294	Successive Phase Transitions under High Pressure in FeTe_{0.92}. Journal of the Physical Society of Japan, 2009, 78, 083709.	0.7	50
295	Electronic Structure of Superconducting FeSe Studied by High-Resolution Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2009, 78, 034708.	0.7	36
296	The electronic structure of Ca-intercalated superconducting graphite CaC6. Physica C: Superconductivity and Its Applications, 2009, 469, 1041-1044.	0.6	4
297	Growth of superconducting single-crystalline (Lu,Ca) Ba2Cu3O7â^'Î´ whiskers. Physica C: Superconductivity and Its Applications, 2009, 469, 965-966.	0.6	2
298	FeTe as a candidate material for new iron-based superconductor. Physica C: Superconductivity and Its Applications, 2009, 469, 1027-1029.	0.6	65
299	Intrinsic Josephson properties in an optimally doped (Hg, Re)Ba2Ca2Cu3O8+Î´ single crystal. Physica C: Superconductivity and Its Applications, 2009, 469, 1596-1599.	0.6	2
300	Structural Phase Transitions and Superconductivity in Fe_{1+Î´}Se_{0.57}Te_{0.43} at Ambient and Elevated Pressures. Journal of the American Chemical Society, 2009, 131, 16944-16952.	6.6	104
301	Superconductivity in CVD diamond films. Journal of Physics Condensed Matter, 2009, 21, 253201.	0.7	43
302	Substitution Effects on FeSe Superconductor. Journal of the Physical Society of Japan, 2009, 78, 074712.	0.7	320
303	Superconductivity in S-substituted FeTe. Applied Physics Letters, 2009, 94, .	1.5	255
304	Pressure evolution of the low-temperature crystal structure and bonding of the superconductor FeSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi> Physical Review B, 2009, 80, .	1.1	535
305	Switching current distributions and subgap structures of underdoped (Hg,Re)Ba2Ca2Cu3O8+Î´ intrinsic Josephson junctions. Journal of Applied Physics, 2009, 106, 074516.	1.1	10
306	Upper Critical Fields of the 11-System Iron-Chalcogenide Superconductor FeSe_{0.25}Te_{0.75}. Journal of the Physical Society of Japan, 2009, 78, 113701.	0.7	80

#	Article	IF	Citations
307	Precise Pressure Dependence of the Superconducting Transition Temperature of FeSe: Resistivity and ⁷⁷Se-NMR Study. Journal of the Physical Society of Japan, 2009, 78, 063704.	0.7	137
308	10B/11B 1D/2D solid-state high-resolution NMR studies on boron-doped diamond. Diamond and Related Materials, 2009, 18, 1267-1273.	1.8	13
309	Fabrication of Iron-based Superconducting Wire. Materia Japan, 2009, 48, 520-521.	0.1	0
310	Soft X-ray Core-Level Photoemission Study of Boron Sites in Heavily Boron-Doped Diamond Films. Journal of the Physical Society of Japan, 2009, 78, 034703.	0.7	3
311	Observation of macroscopic quantum tunneling in La2-xSrxCuO4intrinsic Josephson Junctions. Journal of Physics: Conference Series, 2009, 150, 052132.	0.3	0
312	Low-temperature STM/STS studies on boron-doped (111) diamond films. Journal of Physics and Chemistry of Solids, 2008, 69, 3027-3030.	1.9	7
313	Heat capacity of CeIrSi3 under pressure. Journal of Physics and Chemistry of Solids, 2008, 69, 3199-3201.	1.9	4
314	Pressure effect of superconducting transition temperature for boron-doped diamond films. Physica C: Superconductivity and Its Applications, 2008, 468, 1228-1230.	0.6	5
315	Near EF electronic structure of heavily boron-doped superconducting diamond. Journal of Physics and Chemistry of Solids, 2008, 69, 2978-2981.	1.9	9
316	Study of the optical gap in novel superconductors by coherent THz radiation. Infrared Physics and Technology, 2008, 51, 429-432.	1.3	6
317	Crystal structure of the new FeSe1â^'x superconductor. Chemical Communications, 2008, , 5607.	2.2	289
318	Superconductivity at 27K in tetragonal FeSe under high pressure. Applied Physics Letters, 2008, 93, .	1.5	658
319	Holes in the Valence Band of Superconducting Boron-Doped Diamond Film Studied by Soft X-ray Absorption and Emission Spectroscopy. Journal of the Physical Society of Japan, 2008, 77, 054711.	0.7	22
320	Inhibitory effect of lactoperoxidase on the secretion of proinflammatory cytokine interleukin-8 in human intestinal epithelial Caco-2 cells. International Dairy Journal, 2008, 18, 932-938.	1.5	5
321	Evidence for Unconventional Superconductivity in Arsenic-Free Iron-Based Superconductor FeSe: A ⁷⁷Se-NMR Study. Journal of the Physical Society of Japan, 2008, 77, 113703.	0.7	85
322	Characterization of boron-doped diamonds using 11B high-resolution NMR at high magnetic fields. Diamond and Related Materials, 2008, 17, 1835-1839.	1.8	6
323	Focus on Superconductivity in Semiconductors. Science and Technology of Advanced Materials, 2008, 9, 040301.	2.8	4
324	Temperature-Dependent Localized Excitations of Doped Carriers in Superconducting Diamond. Physical Review Letters, 2008, 100, 166402.	2.9	25

#	Article	IF	Citations
325	Resistivity reduction of boron-doped multiwalled carbon nanotubes synthesized from a methanol solution containing boric acid. Applied Physics Letters, 2008, 92, 202116.	1.5	27
326	11B nuclear magnetic resonance in boron-doped diamond. Science and Technology of Advanced Materials, 2008, 9, 044103.	2.8	12
327	Synthesis conditions of graphite intercalation compound with Ca in molten Li-Ca alloy and its superconducting characteristics. Tanso, 2008, 2008, 148-150.	0.1	4
328	11B Nuclear Magnetic Resonance Study on Existence of Boronâ€“Hydrogen Complex in Boron-Doped Diamond. Japanese Journal of Applied Physics, 2007, 46, L1138-L1140.	0.8	7
329	Core-level electronic structure evolution of heavily boron-doped superconducting diamond studied with hard x-ray photoemission spectroscopy. Physical Review B, 2007, 75, .	1.1	20
330	Observation of a Superconducting Gap in Boron-Doped Diamond by Laser-Excited Photoemission Spectroscopy. Physical Review Letters, 2007, 98, 047003.	2.9	40
331	Phonon softening in superconducting diamond. Physical Review B, 2007, 75, .	1.1	40
332	Microscopic evidence for evolution of superconductivity by effective carrier doping in boron-doped diamond:B11â^'NMRstudy. Physical Review B, 2007, 75, .	1.1	36
333	Energy gap and surface structure of superconducting diamond films probed by scanning tunneling microscopy. Physica C: Superconductivity and Its Applications, 2007, 460-462, 210-211.	0.6	4
334	An infrared study of the superconducting diamond. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 2945-2949.	0.8	1
335	Low-Energy Electrodynamics of Superconducting Diamond. Physical Review Letters, 2006, 97, 097002.	2.9	55
336	Electronic Structures of Heavily Boron-doped Superconducting Diamond Films. Materials Research Society Symposia Proceedings, 2006, 956, 1.	0.1	0
337	A novel bi-layered samarium complex with an unprecedented coordination mode of orotic acid [Sm2(HL)2(ox)(H2O)2]nÂ·2.5nH2O (H3L=orotic acid, ox2â^'=oxalate2â^'): Synthesis, crystal structure and physical properties. Inorganic Chemistry Communication, 2006, 9, 347-350.	1.8	32
338	Applied pressure-dependent anisotropic grain connectivity in shock consolidated MgB2 samples. Physica C: Superconductivity and Its Applications, 2006, 444, 5-11.	0.6	6
339	Current-dependent fluxâ€“flow resistance and resonant current steps in BSCCO intrinsic Josephson junctions. Journal of Physics and Chemistry of Solids, 2006, 67, 438-441.	1.9	0
340	Scanning tunneling microscopy and spectroscopy studies of superconducting boron-doped diamond films. Science and Technology of Advanced Materials, 2006, 7, S22-S26.	2.8	15
341	Growth and characterization of Ca doped Eu-123 whiskers for intrinsic Josephson junction applications. Superconductor Science and Technology, 2006, 19, 290-293.	1.8	3
342	Low-Energy Charge-Density Excitations inMgB2: Striking Interplay between Single-Particle and Collective Behavior for Large Momenta. Physical Review Letters, 2006, 97, 176402.	2.9	33

#	Article	IF	Citations
343	Periodic oscillations of Josephson-vortex flow resistance in oxygen-deficientYBa2Cu3Ox. Physical Review B, 2006, 74, .	1.1	18
344	Double Antiferromagnetism in Heusler-Type Alloys Fe2+xV1-xSi. Journal of the Physical Society of Japan, 2006, 75, 094714.	0.7	3
345	Superconductivity in Boron-Doped Diamond. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2006, 16, 202-206.	0.1	1
346	Detailed characterization for YBCO intrinsic Josephson junctions by using small-sized junctions. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1479-1483.	0.6	8
347	Extended Structures and Magnetic Properties of Lanthanide-Copper Complexes with Picolinic Acids as Bridging Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 1947-1954.	1.0	30
348	Growth of Y1Ba2Cu3OxSingle-Crystal Whisker Using Sb-doped Precursor. Japanese Journal of Applied Physics, 2005, 44, L67-L70.	0.8	6
349	Fiske steps studied by flux-flow resistance oscillation in a narrow stack ofBi2Sr2CaCu2O8+Î´junctions. Physical Review B, 2005, 72, .	1.1	30
350	Lock-inPhenomena of Josephson Vortices under Vicinal Layer Parallel Magnetic Field. Japanese Journal of Applied Physics, 2005, 44, L27-L30.	0.8	8
351	A New Growth Technique of Ca-Free<tex>$rm Y_1rm Ba_2rm Cu_3rm O_rm x$</tex>Single-Crystal Whiskers Using Antimony-Doped Precursors. IEEE Transactions on Applied Superconductivity, 2005, 15, 3169-3171.	1.1	2
352	Intrinsic Josephson junctions in Y1Ba2Cu3Ox single-crystal whiskers grown using Te-doped precursors. Journal of Applied Physics, 2005, 98, 073903.	1.1	13
353	Macroscopic Quantum Tunneling in ad-Wave High-TCBi2Sr2CaCu2O8+Î´Superconductor. Physical Review Letters, 2005, 95, 107005.	2.9	172
354	FABRICATION OF JOSEPHSON JUNCTIONS ON MgB2 THIN FILMS USING FOCUSED-ION-BEAM (FIB). International Journal of Modern Physics B, 2005, 19, 391-394.	1.0	1
355	Superconductivity in polycrystalline diamond thin films. Diamond and Related Materials, 2005, 14, 1936-1938.	1.8	72
356	Transport Characteristics in<tex>c</tex>-Axis<tex>$rm La_2-xrm Sr_xrm CuO_4$</tex>(LSCO) Single Crystals. IEEE Transactions on Applied Superconductivity, 2005, 15, 3782-3785.	1.1	5
357	Sub-micron sized intrinsic Josephson junctions in YBa2Cu3O7â^'Xwhiskers. Superconductor Science and Technology, 2005, 18, 1159-1162.	1.8	14
358	Anisotropic grain connectivity in shock consolidated MgB2bulk samples. Superconductor Science and Technology, 2004, 17, 799-803.	1.8	5
359	Growth of R-123 Phase Single Crystal Whiskers. Japanese Journal of Applied Physics, 2004, 43, L324-L327.	0.8	15
360	Hall Effect in Heusler Alloys Fe2+xV1-xAl and Fe2+xV1-xGa. Journal of the Physical Society of Japan, 2004, 73, 13-16.	0.7	8

#	Article	IF	Citations
361	Shock wave consolidated MgB2 bulk samples. Physica C: Superconductivity and Its Applications, 2004, 412-414, 619-622.	0.6	8
362	Evaluation of junction parameters with control of carrier concentration in Bi2Sr2CaCu2O8+Î´ stacked junctions. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1396-1400.	0.6	5
363	The Fermi surface and sheet-dependent superconducting gap of MgB2. Physica C: Superconductivity and Its Applications, 2004, 412-414, 36-40.	0.6	7
364	Superconducting properties of combustion synthesized MgB2. Physica C: Superconductivity and Its Applications, 2004, 412-414, 125-129.	0.6	8
365	Low temperature STM/STS studies on MgB2. Physica C: Superconductivity and Its Applications, 2004, 412-414, 283-287.	0.6	1
366	Characteristics of two-stacked intrinsic Josephson junctions with a submicron loop on a Bi2Sr2CaCu2O8+Î´ (Bi-2212) single crystal whisker. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1401-1405.	0.6	19
367	Probing the order parameter using cross-whisker junction with adjustable Josephson characteristics. Physica C: Superconductivity and Its Applications, 2004, 408-410, 296-299.	0.6	11
368	Effect of Ar+ ion sputtering on the electronic transport of MgB2 surface. Thin Solid Films, 2004, 464-465, 61-64.	0.8	1
369	Growth and superconducting properties of Y-123 phase single-crystal whiskers using Te and Ca doped precursors. Physica C: Superconductivity and Its Applications, 2004, 408-410, 857-859.	0.6	0
370	Superconductivity in Pr2Ba4Cu7O15â^Î´ with metallic double chains. Physica C: Superconductivity and Its Applications, 2004, 411, 101-106.	0.6	45
371	Superconducting properties of the 18 K phase in yttrium sesquicarbide system. Applied Physics Letters, 2004, 84, 2859-2861.	1.5	32
372	Superconductivity in diamond thin films well above liquid helium temperature. Applied Physics Letters, 2004, 85, 2851-2853.	1.5	277
373	Two Series of Novel Rare Earth Complexes with Dicyanamide [Ln(dca)2(phen)2(H2O)3][dca]Â·(phen), (Ln =) Tj ETQq1 1 0.784314 rgBT and Magnetic Properties. Inorganic Chemistry, 2004, 43, 4839-4845.	1.9	48
374	Fabrication of Atomically Flat Bi2Sr2CaCu2O8+.DELTA. Films on MgO Substrates by Pulsed Laser Deposition and a Post-annealing Process. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2004, 68, 668-673.	0.2	3
375	Anisotropic Superconducting Properties of MgB2 and Related Compounds. Journal of Low Temperature Physics, 2003, 131, 1153-1157.	0.6	5
376	Title is missing!. Journal of Low Temperature Physics, 2003, 131, 533-537.	0.6	17
377	Local density of electronic states in MgB2 studied by low temperature STM and STS: direct evidence for a multiple-gap superconductor. Surface Science, 2003, 541, 14-20.	0.8	2
378	Auger electron spectroscopy study of MgB2 surface. Applied Surface Science, 2003, 205, 225-230.	3.1	8

#	Article	IF	Citations
379	Investigation on synthesis of Bi-based thin films on flat sputter-deposited Ag film by melting process. Physica C: Superconductivity and Its Applications, 2003, 384, 81-92.	0.6	0
380	The fabrication of MgB2 superconducting STM tips. Physica C: Superconductivity and Its Applications, 2003, 388-389, 117-118.	0.6	4
381	Comparative study on the anisotropic properties of MgB2. Physica C: Superconductivity and Its Applications, 2003, 388-389, 157-158.	0.6	4
382	Superconducting properties of single-crystal whiskers of (Y0.86Ca0.14)Ba2Cu3Ox grown from precursors containing calcium and tellurium. Applied Physics Letters, 2003, 82, 1899-1901.	1.5	23
383	Definitive Experimental Evidence for Two-Band Superconductivity inMgB2. Physical Review Letters, 2003, 91, 127001.	2.9	136
384	Out-of-plane and in-plane anisotropy of upper critical field inMgB2. Physical Review B, 2003, 68, .	1.1	38
385	Flux-pinning properties of single crystalline and dense polycrystallineMgB2. Physical Review B, 2003, 68, .	1.1	34
386	The effect of starting material composition on the growth of Bi-based ribbon-like thin films. IEEE Transactions on Applied Superconductivity, 2003, 13, 2856-2859.	1.1	0
387	Comparative study of the electronic structure ofMgB2andZrB2. Physical Review B, 2003, 68, .	1.1	17
388	Synthesis and characterization of single crystalline REBa/sub 2/Cu/sub 3/O/sub 7-y/ thin film grown by tri-phase epitaxy. IEEE Transactions on Applied Superconductivity, 2003, 13, 2813-2816.	1.1	0
389	Local Density of Electronic States in MgB2Studied by Scanning Tunneling Microscopy. Japanese Journal of Applied Physics, 2003, 42, 4710-4712.	0.8	0
390	Synthesis and Properties of Polycrystalline MgB2 Thin Films by a Precursor Post-annealing Process. TEION KOGAKU (Journal of Cryogenics and Superconductivity Society of Japan), 2003, 38, 629-634.	0.1	0
391	d-like symmetry of the order parameter and intrinsic Josephson effects inBi2Sr2CaCu2O8+Î´cross-whisker junctions. Physical Review B, 2002, 65, .	1.1	62
392	Angle-resolved magnetotransport studies in anisotropicMgB2single crystals. Physical Review B, 2002, 65, .	1.1	33
393	Approach for the fabrication of MgB2 superconducting tape with large in-field transport critical current density. Applied Physics Letters, 2002, 81, 1047-1049.	1.5	67
394	Pseudogap and transport properties inFe3â^'xVxAly(x=0.5â€“1.05;y=0.95,1.05). Physical Review B, 2002, 65, .	1.1	39
395	Structural and electronic properties of superconductor MgB2 under high pressure. Journal of Physics Condensed Matter, 2002, 14, 10623-10626.	0.7	7
396	Single Crystalline MgB₂Superconductor. Journal of the Physical Society of Japan, 2002, 71, 320-322.	0.7	2

#	Article	IF	Citations
397	New Copper-Free Layered Perovskite Superconductors: KCa2Nb3O10 and Related Compounds. , 2002, , 573-578.		0
398	Superconducting gap of MgB2 observed using ultrahigh-resolution photoemission spectroscopy. Physica B: Condensed Matter, 2002, 312-313, 150-151.	1.3	2
399	Synthesis of Bi-2212 ribbon-like thin films on flat Ag substrates. Physica C: Superconductivity and Its Applications, 2002, 367, 67-72.	0.6	4
400	Critical current in cross-whiskers Josephson junctions and mechanism of cuprate superconductivity. Physica C: Superconductivity and Its Applications, 2002, 367, 343-347.	0.6	11
401	Lower critical field of MgB2 measured by Hall probe. Physica C: Superconductivity and Its Applications, 2002, 370, 6-12.	0.6	5
402	Preparation of high-quality Bi2Sr2CaCu2O8+Î´ thin films by pulsed laser ablation and post-annealing. Physica C: Superconductivity and Its Applications, 2002, 372-376, 600-603.	0.6	7
403	Formation processes of Bi-2212 films prepared on Ag() substrate by an atomization technique. Physica C: Superconductivity and Its Applications, 2002, 372-376, 619-622.	0.6	3
404	Superconductivity in ternary germanide Y(Pt0.5Ge1.5) with the AlB2-type structure. Physica C: Superconductivity and Its Applications, 2002, 377, 185-189.	0.6	17
405	Magnetic properties and flux pinning in single crystalline and dense polycrystalline MgB2. Physica C: Superconductivity and Its Applications, 2002, 378-381, 550-553.	0.6	11
406	Photoemission results of intermetallic superconductors: Nb3Al and MgB2. Journal of Physics and Chemistry of Solids, 2002, 63, 2141-2144.	1.9	3
407	MgB2 Superconducting Tips for Scanning Tunneling Microscopy Study. Journal of Superconductivity and Novel Magnetism, 2002, 15, 303-305.	0.5	0
408	Synthesis of Bi2212 Superconducting Whiskers without Oxygen Stream and their Intrinsic Josephson Effects. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2002, 66, 247-253.	0.2	1
409	Study on the growth mechanism of the ribbon-like thin films of Bi-2212. IEEE Transactions on Applied Superconductivity, 2001, 11, 2696-2699.	1.1	3
410	Growth of Biâ€“Srâ€“Caâ€“Cuâ€“O ribbon-like thin films on sputter-deposited Ag film. Physica C: Superconductivity and Its Applications, 2001, 363, 130-139.	0.6	6
411	Fabrication of Bi2212 cross-whiskers junction. Physica C: Superconductivity and Its Applications, 2001, 362, 261-264.	0.6	15
412	Synthesis of Bi2Sr2CaCu2O8+Î´ whiskers without oxygen stream. Physica C: Superconductivity and Its Applications, 2001, 362, 296-300.	0.6	14
413	Growth mechanism of Bi-2212 ribbon-like thin films. Physica C: Superconductivity and Its Applications, 2001, 362, 301-304.	0.6	2
414	A cross-whiskers junction as a novel fabrication process for intrinsic Josephson junctions. Superconductor Science and Technology, 2001, 14, 765-769.	1.8	23

#	Article	IF	Citations
415	Superconducting properties of MgB2 bulk materials prepared by high-pressure sintering. Applied Physics Letters, 2001, 78, 2914-2916.	1.5	335
416	Lattice parameter andTcdependence of sinteredMgB2superconductor on hydrostatic pressure. Physical Review B, 2001, 64, .	1.1	41
417	Anisotropy of superconductivity from MgB2 single crystals. Applied Physics Letters, 2001, 79, 2779-2781.	1.5	207
418	Evidence for a Multiple Superconducting Gap inMgB2from High-Resolution Photoemission Spectroscopy. Physical Review Letters, 2001, 87, 177006.	2.9	203
419	GMR in Heusler Type Alloys Fe2+xV1-xAl. Journal of the Physical Society of Japan, 2000, 69, 1004-1007.	0.7	27
420	New method for preparing extremely thin Bi2Sr2Ca1Cu2Ox ribbon-like films on silver substrates and their superconducting properties. Physica C: Superconductivity and Its Applications, 2000, 337, 133-137.	0.6	1
421	Superconducting properties of CuS2â^'xSex under high pressure. Physica C: Superconductivity and Its Applications, 2000, 341-348, 739-740.	0.6	16
422	In situ Observation of the Growth of Ribbon-like Thin Films of Bi-2212 on an Ag Substrate. Journal of Low Temperature Physics, 1999, 117, 629-633.	0.6	3
423	High Pressure Studies of the Non-Copper Superconductors KCa2Nb3O10 and RbCa2Nb3O10.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1998, 7, 589-591.	0.1	6
424	Transport properties of Li intercalated KCa2Nb3O10. Physica B: Condensed Matter, 1997, 237-238, 68-70.	1.3	13
425	Superconducting properties of layered perovskite KCa2Nb3O10 and KLaNb2O7. Solid State Communications, 1997, 103, 215-217.	0.9	59
426	Crystal structure and resistivity of substituted LaSrYCu2O6. Materials Research Bulletin, 1995, 30, 169-173.	2.7	5
427	MÃ¶ssbauer study of 57Fe doped LaSrYCu2O6. Materials Research Bulletin, 1995, 30, 789-794.	2.7	4
428	MÃ¶ssbauer study of 57Fe-doped La2SrCu2O6. Nuclear Instruments & Methods in Physics Research B, 1993, 76, 341-342.	0.6	8
429	Fabrication of the Iron-Based Superconducting Wire Using Fe(Se,Te). Applied Physics Express, 0, 2, 083004.	1.1	109