

# Masanori Nagao

## List of Publications by Year in descending order

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140  
papers

2,870  
citations

201575

27  
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48  
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142  
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142  
docs citations

142  
times ranked

2022  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction of Non-Diagnosable Images Captured by a Capsule Endoscope and Polyp Detection Using YOLOv5. , 2022, , .		0
2	Investigation of Superconductivity in Ce-Doped (La,Pr)OBiS <sub>2</sub> Single Crystals. <i>Materials</i> , 2022, 15, 2977.	1.3	0
3	Growth and characterization of Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>1-x</sub> Y <sub>x</sub> Cu <sub>2</sub> O <sub>8+δ</sub> single-crystal whiskers. <i>Japanese Journal of Applied Physics</i> , 2022, 61, 063001.	0.8	1
4	THz emission from a Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+δ</sub> cross-whisker junction. <i>Applied Physics Express</i> , 2021, 14, 033003.	1.1	5
5	Kinetic Control of the Li <sub>0.9</sub> Mn <sub>1.6</sub> Ni <sub>0.4</sub> O <sub>4</sub> Spinel Structure with Enhanced Electrochemical Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 14056-14067.	4.0	4
6	Protonic Conduction in the BaNdInO <sub>4</sub> Structure Achieved by Acceptor Doping. <i>Chemistry of Materials</i> , 2021, 33, 2139-2146.	3.2	37
7	Direct observation of an incommensurate charge density wave in the BiS <sub>2</sub> -based superconductor NdO <sub>1-x</sub> F <sub>x</sub> BiS <sub>2</sub> . <i>Physical Review B</i> , 2021, 103, .	1.1	6
8	Cd additive effect on self-flux growth of Cs-intercalated NbS <sub>2</sub> superconducting single crystals. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021, .	0.3	0
9	Investigating the combined effects of mirror tilting and position on rutile crystal growth using the infrared convergent-heating floating zone method. <i>Journal of Crystal Growth</i> , 2021, 571, 126257.	0.7	0
10	Fluorine solubility and superconducting properties of Sm(O,F)BiS <sub>2</sub> single crystals. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160812.	2.8	1
11	The Local Structure of the BiS <sub>2</sub> Layer in RE(O,F)BiS <sub>2</sub> Determined by In-Plane Polarized X-ray Absorption Measurements. <i>Physchem</i> , 2021, 1, 250-258.	0.5	1
12	Data-driven exploration for pressure-induced superconductors using diamond anvil cell with boron-doped diamond electrodes and undoped diamond insulating layer. <i>High Pressure Research</i> , 2020, 40, 22-34.	0.4	8
13	Growth and anisotropy evaluation of NbBiCh <sub>3</sub> (Ch = S, Se) misfit-layered superconducting single crystals. <i>Solid State Communications</i> , 2020, 321, 114051.	0.9	12
14	Lithium-ionic conductivity of Li La(1 $\hat{a}$ <sup>~</sup> )/3NbO <sub>3</sub> single crystals grown by the TSFZ method. <i>Solid State Ionics</i> , 2020, 350, 115330.	1.3	4
15	Growth and Characterization of ROBiS <sub>2</sub> High-Entropy Superconducting Single Crystals. <i>ACS Omega</i> , 2020, 5, 16819-16825.	1.6	16
16	Flux Growth and Superconducting Properties of (Ce,Pr)OBiS <sub>2</sub> Single Crystals. <i>Frontiers in Chemistry</i> , 2020, 8, 44.	1.8	14
17	Effects of the Mirror Tilt Angle on the Growth of LiCoO <sub>2</sub> Single Crystals by the Traveling Solvent Floating Zone (TSFZ) Technique Using a Tilting-Mirror-type Image Furnace. <i>Crystal Growth and Design</i> , 2020, 20, 3413-3416.	1.4	6
18	Two-fold symmetry of in-plane magnetoresistance anisotropy in the superconducting states of BiCh <sub>2</sub> -based LaO <sub>0.9</sub> F <sub>0.1</sub> BiS <sub>2</sub> single crystal. <i>Journal of Physics Communications</i> , 2020, 4, 095028.	0.5	11

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19	Growth and characterization of (La,Ce)OBiS <sub>2</sub> single crystals. Japanese Journal of Applied Physics, 2019, 58, 063001.	0.8	5
20	Hydrothermal Synthesis and Crystal Structure of a (Ba <sub>0.54</sub> K <sub>0.46</sub> ) <sub>4</sub> Bi <sub>4</sub> O <sub>12</sub> Double-Perovskite Superconductor with Onset of the Transition $T_c \approx 30$ K. Inorganic Chemistry, 2019, 58, 11997-12001.	1.9	24
21	Growth of Superconducting Sm(O,F)BiS <sub>2</sub> Single Crystals. Crystal Growth and Design, 2019, 19, 6136-6140.	1.4	7
22	Crystal Growth and Characterization of Li <sub>x</sub> La(1-x)/3NbO <sub>3</sub> by the Traveling Solvent Floating Zone Method. Crystal Growth and Design, 2019, 19, 6291-6295.	1.4	8
23	Bulk superconductivity in a four-layer-type Bi-based compound La <sub>2</sub> O <sub>2</sub> Bi <sub>3</sub> Ag <sub>0.6</sub> Sn <sub>0.4</sub> S <sub>5.7</sub> Se <sub>0.3</sub> . Scientific Reports, 2019, 9, 13346.	1.6	10
24	Self-Combustion Synthesis of Novel Metastable Ternary Molybdenum Nitrides. , 2019, 1, 64-70.		20
25	Growth and transport properties under high pressure of PrOBiS <sub>2</sub> single crystals. Solid State Communications, 2019, 296, 17-20.	0.9	5
26	Pressure-induced insulator to metal transition of mixed valence compound Ce(O,F)SbS <sub>2</sub> . Journal of Applied Physics, 2019, 125, .	1.1	8
27	Growth of LiCoO <sub>2</sub> Single Crystals by the TSFZ Method. Crystal Growth and Design, 2019, 19, 415-420.	1.4	8
28	Growth and physical properties of Ce(O,F)Sb(S,Se) <sub>2</sub> single crystals with site-selected chalcogen atoms. Solid State Communications, 2019, 289, 38-42.	0.9	5
29	Determination of the phase relation of a Li La(1-x)/3NbO <sub>3</sub> system by the slow cooling floating zone method. Journal of Crystal Growth, 2019, 507, 251-254.	0.7	4
30	Crystal Structure and Superconductivity of Tetragonal and Monoclinic Ce <sub>1-x</sub> Pr <sub>x</sub> OBiS <sub>2</sub> . Inorganic Chemistry, 2018, 57, 5364-5370.	1.9	14
31	Position effects of mirror lamp system on the growth of rutile crystal based on the infrared convergent-heating floating zone method. Journal of Crystal Growth, 2018, 496-497, 69-73.	0.7	1
32	Crystal growth of La <sub>2/3-x</sub> Li <sub>3x</sub> TiO <sub>3</sub> by the TSFZ method. Royal Society Open Science, 2018, 5, 181445.	1.1	8
33	Growth and superconducting properties of Cd-doped La(O,F)BiS <sub>2</sub> single crystals. Solid State Communications, 2017, 261, 32-36.	0.9	3
34	Synthesis, structure and photocatalytic activity of layered LaOInS <sub>2</sub> . Journal of Materials Chemistry A, 2017, 5, 14270-14277.	5.2	30
35	Synthesis of LaO <sub>0.5</sub> F <sub>0.5</sub> BiS <sub>2</sub> nanosheets by ultrasonification. Journal of Asian Ceramic Societies, 2017, 5, 183-185.	1.0	2
36	Superconductivity and its enhancement under high pressure in F-free single crystals of CeOBiS <sub>2</sub> . Journal of Alloys and Compounds, 2017, 722, 467-473.	2.8	23

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37	Unconventional Superconductivity in the $\text{CeO}_{1-x}\text{F}_x\text{BiS}_2$ -Based Layered Superconductor	2.9	55
38	Manifestation of hopping conductivity and granularity within phase diagrams of $\text{LaO}_{1-x}\text{F}_x\text{BiS}_2$ , $\text{Sr}_{1-x}\text{La}_x\text{BiS}_2$ and related $\text{BiS}_2$ -based compounds. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 355702.	0.7	1
39	Ce 4f electronic states of $\text{CeO}_{1-x}\text{F}_x\text{BiS}_2$ studied by soft x-ray photoemission spectroscopy. <i>Physical Review B</i> , 2017, 95, .	1.1	5
40	Coexistence of superconductivity and charge-density wave in the quasi-one-dimensional material $\text{HfTe}_3$ . <i>Scientific Reports</i> , 2017, 7, 45217.	1.6	43
41	Control of the solid-liquid interface during growth of a Ce-doped $\text{Gd}_2\text{Si}_2\text{O}_7$ crystal by the traveling solvent floating zone method. <i>Journal of Crystal Growth</i> , 2017, 468, 465-468.	0.7	3
42	Effects of growth parameters on silicon molten zone formed by infrared convergent-heating floating zone method. <i>Journal of Crystal Growth</i> , 2017, 459, 105-111.	0.7	5
43	Crystal Growth Techniques for Layered Superconductors. <i>Condensed Matter</i> , 2017, 2, 32.	0.8	5
44	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor $\text{LaO}_{0.55}\text{FO}_{0.45}\text{BiS}_2$ . <i>Nature Communications</i> , 2017, 8, 1919.	5.8	52
45	Valence of praseodymium in superconducting $\text{Pr}(\text{O},\text{F})\text{BiS}_2$ single crystals. <i>Applied Physics Express</i> , 2016, 9, 063101.	1.1	8
46	Bulk Superconductivity Induced by In-Plane Chemical Pressure Effect in $\text{Eu}_{0.5}\text{La}_{0.5}\text{FBiS}_2$ $\text{Se}_x$ . <i>Journal of the Physical Society of Japan</i> , 2016, 85, 124708.	0.7	27
47	Change of the Surface Structure by F Doping in $\text{BiS}_2$ -Based Superconductor $\text{CeO}_{1-x}\text{F}_x\text{BiS}_2$ . <i>Physics Procedia</i> , 2016, 81, 49-52.	1.2	6
48	Growth and Structure of $\text{Ce}(\text{O},\text{F})\text{SbS}_2$ Single Crystals. <i>Crystal Growth and Design</i> , 2016, 16, 3037-3042.	1.4	23
49	Conventional $s$ -Wave Superconductivity in $\text{BiS}_2$ -Based $\text{NdO}_{0.71}\text{F}_{0.29}\text{BiS}_2$ Revealed by Thermal Transport Measurements. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 073707.	0.7	33
50	Bulk sensitive angle-resolved photoelectron spectroscopy on $\text{Nd}(\text{O},\text{F})\text{BiS}_2$ . <i>Journal of Physics: Conference Series</i> , 2016, 683, 012003.	0.3	4
51	Superconductivity in $\text{CeOBiS}_2$ with cerium valence fluctuation. <i>Solid State Communications</i> , 2016, 245, 11-14.	0.9	31
52	Temperature, doping, and polarization effects on $\text{Bi}6p$ and $\text{S}3p$ states in the $\text{BiS}_2$ -layered superconductor $\text{LaO}_{1-x}\text{F}_x\text{BiS}_2$ . <i>Physical Review B</i> , 2016, 94, .	1.1	4
53	Comparative ARPES studies of $\text{LaO}_x\text{F}_{1-x}\text{BiS}_2$ ( $x = 0.23$ and $0.46$ ). <i>Journal of Physics: Conference Series</i> , 2016, 683, 012002.	0.3	3
54	Specific Heat and Electrical Transport Properties of $\text{Sn}_{0.8}\text{Ag}_{0.2}\text{Te}$ Superconductor. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 103701.	0.7	3

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55	Correction to Structure, Superconductivity, and Magnetism of Ce(O,F)BiS <sub>2</sub> Single Crystals. Crystal Growth and Design, 2016, 16, 2459-2459.	1.4	0
56	Effects of tilt angle of mirror-lamp system on shape of solid-liquid interface of silicon melt during floating zone growth using infrared convergent heating. Journal of Crystal Growth, 2016, 433, 24-30.	0.7	7
57	Growth and characterization of R(O,F)BiS <sub>2</sub> (R = La, Ce, Pr, Nd) superconducting single crystals. Novel Superconducting Materials, 2015, 1, .	0.8	18
58	Axis symmetry of silicon molten zone interface shape under a mirror-shifting-type infrared convergent-heating floating-zone method. CrystEngComm, 2015, 17, 9452-9458.	1.3	4
59	<i>c</i> -axis electrical resistivity of PrO <sub>1-x</sub> F <sub>x</sub> BiS <sub>2</sub> single crystals. Japanese Journal of Applied Physics, 2015, 54, 083101.	0.8	22
60	Structure, Superconductivity, and Magnetism of Ce(O,F)BiS <sub>2</sub> Single Crystals. Crystal Growth and Design, 2015, 15, 39-44.	1.4	32
61	Growth of Cu(In,Ga)S <sub>2</sub> single crystals using CsCl flux. Journal of Crystal Growth, 2015, 412, 16-19.	0.7	2
62	Superconducting Anisotropies of F-Substituted LaOBiSe <sub>2</sub> Single Crystals. Journal of the Physical Society of Japan, 2014, 83, 114709.	0.7	26
63	Crystal structures of LaO <sub>1-x</sub> F <sub>x</sub> BiS <sub>2</sub> (x=0.23, 0.46): Effect of F doping on distortion of Bi-S plane. Journal of Solid State Chemistry, 2014, 212, 213-217.	1.4	58
64	Checkerboard Stripe Electronic State on Cleaved Surface of NdO <sub>0.7</sub> F <sub>0.3</sub> BiS <sub>2</sub> Probed by Scanning Tunneling Microscopy. Journal of the Physical Society of Japan, 2014, 83, 113701.	0.7	45
65	High-T <sub>c</sub> Phase of PrO <sub>0.5</sub> F <sub>0.5</sub> BiS <sub>2</sub> single crystal induced by uniaxial pressure. Applied Physics Letters, 2014, 105, 052601.	1.5	25
66	Triplet ground state of the neutral oxygen-vacancy donor in rutile TiO <sub>2-x</sub> . Physical Review B, 2014, 89, .	1.1	21
67	Superconducting Double Perovskite Bismuth Oxide Prepared by a Low-Temperature Hydrothermal Reaction. Angewandte Chemie - International Edition, 2014, 53, 3599-3603.	7.2	61
68	Effects of lamp power and mirror position on the interface shape of the silicon molten zone during infrared convergent heating. CrystEngComm, 2014, 16, 4619-4623.	1.3	12
69	Feed Size Dependence of Position Effects of Mirror-Lamp System on Shape of Silicon Crystal during Its Growth by Mirror-Shifting-Type Infrared Convergent-Heating Floating Zone Method. Crystal Growth and Design, 2014, 14, 5117-5121.	1.4	7
70	First single crystal growth and structural analysis of superconducting layered bismuth oxyselenide; La(O,F)BiSe <sub>2</sub> . Journal of Solid State Chemistry, 2014, 219, 168-172.	1.4	33
71	Growth and superconducting properties of F-substituted ROBiS <sub>2</sub> (R=La, Ce, Nd) single crystals. Solid State Communications, 2014, 178, 33-36.	0.9	83

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73	Ground state of the singly ionized oxygen vacancy in rutile TiO <sub>2</sub> . Journal of Applied Physics, 2013, 114, .	1.1	23
74	Atomic resolution chemical bond analysis of oxygen in La <sub>2</sub> CuO <sub>4</sub> . Journal of Applied Physics, 2013, 114, .	1.1	14
75	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
76	Structural Analysis and Superconducting Properties of F-Substituted NdOBiS <sub>2</sub> Single Crystals. Journal of the Physical Society of Japan, 2013, 82, 113701.	0.7	94
77	Magnetocrystalline anisotropy behavior in the multiferroic BiMnO <sub>3</sub> examined by Lorentz transmission electron microscopy. Applied Physics Letters, 2012, 101, 052407.	1.5	5
78	Inducement of Superconductivity in Fe(Te,S) by Sulfuric Acid Treatment. Journal of the Physical Society of Japan, 2012, 81, 085005.	0.7	5
79	Crystal growth of rutile by tilting-mirror-type floating zone method. Journal of Crystal Growth, 2012, 360, 105-110.	0.7	16
80	Growth of Ba <sub>3</sub> In <sub>4</sub> Cu <sub>3</sub> O <sub>12</sub> single-crystal whiskers. Journal of Crystal Growth, 2012, 346, 61-63.	0.7	0
81	Growth of large La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> single crystals using tilting-mirror-type infrared heating image furnace. Physica C: Superconductivity and Its Applications, 2012, 472, 87-91.	0.6	5
82	Single Crystal Growth and Structural Characterization of $\text{FeTe}_{1-x}\text{S}_x$ . IEEE Transactions on Applied Superconductivity, 2011, 21, 2866-2869.	1.1	10
83	Superconductivity in oxygen-annealed FeTe <sub>1-x</sub> S <sub>x</sub> single crystal. Journal of Applied Physics, 2011, 109, 013914.	1.1	37
84	Effects of the diameter of rutile (TiO <sub>2</sub> ) single crystals grown using tilting-mirror-type infrared heating image furnace on solid-liquid interface and etch pit density. Journal of Crystal Growth, 2011, 317, 135-138.	0.7	17
85	Singular ring-shaped distribution of Nd in Nd <sub>x</sub> Y <sub>1-x</sub> VO <sub>4</sub> crystals grown by floating zone method. Crystal Research and Technology, 2010, 45, 692-696.	0.6	2
86	Effects of tilting mirrors on the solid-liquid interface during floating zone growth using tilting-mirror-type infrared-heating image furnace. Journal of Crystal Growth, 2010, 312, 2008-2011.	0.7	20
87	Growth and Anisotropic Properties of RBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> Single-Crystal Whiskers. Japanese Journal of Applied Physics, 2010, 49, 033101.	0.8	5
88	Reduced Etch Pit Density of Rutile (TiO <sub>2</sub> ) Single Crystals by Growth Using a Tilting-Mirror-Type Infrared Heating Image Furnace. Crystal Growth and Design, 2010, 10, 3929-3930.	1.4	11
89	Ishizaka et al. Reply. Physical Review Letters, 2009, 102, .	2.9	0
90	Electrical properties of boron-doped MWNTs synthesized by hot-filament chemical vapor deposition. Physica C: Superconductivity and Its Applications, 2009, 469, 1002-1004.	0.6	9

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91	Growth of Nd-doped YVO <sub>4</sub> single crystals along $\hat{a}^*100\hat{a}^*$ tetra by the anisotropic heating floating zone method. Journal of Crystal Growth, 2009, 311, 4535-4537.	0.7	4
92	Growth of superconducting single-crystalline (Lu,Ca) Ba <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> $\hat{a}^*\hat{c}$ whiskers. Physica C: Superconductivity and Its Applications, 2009, 469, 965-966.	0.6	2
93	La <sub>2</sub> 14 phase single crystal whiskers. Journal of Physics: Conference Series, 2009, 150, 052193.	0.3	0
94	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
95	Near EF electronic structure of heavily boron-doped superconducting diamond. Journal of Physics and Chemistry of Solids, 2008, 69, 2978-2981.	1.9	9
96	Anomalous ferromagnetic behavior and large magnetoresistance induced by orbital fluctuation in heavily doped $\langle \text{Nd} \rangle \langle \text{Sr} \rangle \langle \text{Mn} \rangle \langle \text{O} \rangle$	1.1	21
97	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
98	Fabrication of BiFeO <sub>3</sub> Thick Films by a Simple Liquid-Phase Epitaxial Growth Technique. Japanese Journal of Applied Physics, 2008, 47, 237-239.	0.8	3
99	Temperature-Dependent Localized Excitations of Doped Carriers in Superconducting Diamond. Physical Review Letters, 2008, 100, 166402.	2.9	25
100	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
101	Observation of a Superconducting Gap in Boron-Doped Diamond by Laser-Excited Photoemission Spectroscopy. Physical Review Letters, 2007, 98, 047003.	2.9	40
102	Phonon softening in superconducting diamond. Physical Review B, 2007, 75, .	1.1	40
103	Microscopic evidence for evolution of superconductivity by effective carrier doping in boron-doped diamond: $^{11}\text{B}$ NMR study. Physical Review B, 2007, 75, .	1.1	36
104	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
105	Low-Energy Electrodynamics of Superconducting Diamond. Physical Review Letters, 2006, 97, 097002.	2.9	55
106	Electronic Structures of Heavily Boron-doped Superconducting Diamond Films. Materials Research Society Symposia Proceedings, 2006, 956, 1.	0.1	0
107	Growth of superconducting Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> $\hat{c}$ (Bi-2212) single crystal whiskers and the characteristics. Physica C: Superconductivity and Its Applications, 2006, 445-448, 459-461.	0.6	6
108	Current-dependent flux 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

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109	Possible formation of rectangular Josephson-vortex lattice in narrow Bi-2212 intrinsic Josephson junctions by the enhanced edge effect. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 365-368.	1.9	1
110	Laser-excited photoemission spectroscopy study of superconducting boron-doped diamond. <i>Science and Technology of Advanced Materials</i> , 2006, 7, S17-S21.	2.8	14
111	<sup>11</sup> B-NMR study in boron-doped diamond films. <i>Science and Technology of Advanced Materials</i> , 2006, 7, S37-S40.	2.8	19
112	Acoustic and optical phonons in metallic diamond. <i>Science and Technology of Advanced Materials</i> , 2006, 7, S31-S36.	2.8	11
113	Scanning tunneling microscopy and spectroscopy studies of superconducting boron-doped diamond films. <i>Science and Technology of Advanced Materials</i> , 2006, 7, S22-S26.	2.8	15
114	Sub-Terahertz spectroscopy of superconducting diamond. , 2006, , .		0
115	Periodic oscillations of Josephson-vortex flow resistance in oxygen-deficient YBa <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> . <i>Physical Review B</i> , 2006, 74, .	1.1	18
116	Shapiro steps observed in annular intrinsic Josephson junctions at low microwave frequencies. <i>Applied Physics Letters</i> , 2006, 88, 063503.	1.5	15
117	Detailed characterization for YBCO intrinsic Josephson junctions by using small-sized junctions. <i>Physica C: Superconductivity and Its Applications</i> , 2005, 426-431, 1479-1483.	0.6	8
118	Origin of the metallic properties of heavily boron-doped superconducting diamond. <i>Nature</i> , 2005, 438, 647-650.	13.7	244
119	Growth of Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> Single-Crystal Whisker Using Sb-doped Precursor. <i>Japanese Journal of Applied Physics</i> , 2005, 44, L67-L70.	0.8	6
120	Fiske steps studied by flux-flow resistance oscillation in a narrow stack of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ junctions. <i>Physical Review B</i> , 2005, 72, .	1.1	30
121	Lock-in Phenomena of Josephson Vortices under Vicinal Layer Parallel Magnetic Field. <i>Japanese Journal of Applied Physics</i> , 2005, 44, L27-L30.	0.8	8
122	A New Growth Technique of Ca-Free $\text{Y}_{1-x}\text{Ba}_x\text{Cu}_3\text{O}_{7-x}$ Single-Crystal Whiskers Using Antimony-Doped Precursors. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 3169-3171.	1.1	2
123	Intrinsic Josephson junctions in Y <sub>1</sub> Ba <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> single-crystal whiskers grown using Te-doped precursors. <i>Journal of Applied Physics</i> , 2005, 98, 073903.	1.1	13
124	Oscillations of Josephson-Vortex Flow Resistance in Narrow Intrinsic Josephson Junctions. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 912-915.	1.1	13
125	Macroscopic Quantum Tunneling in ad-Wave High-TC Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ Superconductor. <i>Physical Review Letters</i> , 2005, 95, 107005.	2.9	172
126	Exploring the Versatility of Double-Sided Fabrication of Intrinsic Josephson Junctions. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 232-236.	1.1	2



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127	Superconductivity in polycrystalline diamond thin films. <i>Diamond and Related Materials</i> , 2005, 14, 1936-1938.	1.8	72
128	Sub-micron sized intrinsic Josephson junctions in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-<math>\delta</math></sub> whiskers. <i>Superconductor Science and Technology</i> , 2005, 18, 1159-1162.	1.8	14
129	Growth of R-123 Phase Single Crystal Whiskers. <i>Japanese Journal of Applied Physics</i> , 2004, 43, L324-L327.	0.8	15
130	Evaluation of junction parameters with control of carrier concentration in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\delta</math></sub> stacked junctions. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 412-414, 1396-1400.	0.6	5
131	Characteristics of two-stacked intrinsic Josephson junctions with a submicron loop on a Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\delta</math></sub> (Bi-2212) single crystal whisker. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 412-414, 1401-1405.	0.6	19
132	Probing the order parameter using cross-whisker junction with adjustable Josephson characteristics. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 296-299.	0.6	11
133	Growth and superconducting properties of Y-123 phase single-crystal whiskers using Te and Ca doped precursors. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 408-410, 857-859.	0.6	0
134	Superconducting properties of the 18 K phase in yttrium sesquicarbide system. <i>Applied Physics Letters</i> , 2004, 84, 2859-2861.	1.5	32
135	Superconductivity in diamond thin films well above liquid helium temperature. <i>Applied Physics Letters</i> , 2004, 85, 2851-2853.	1.5	277
136	Superconducting properties of single-crystal whiskers of (Y <sub>0.86</sub> Ca <sub>0.14</sub> )Ba <sub>2</sub> Cu <sub>3</sub> O <sub>x</sub> grown from precursors containing calcium and tellurium. <i>Applied Physics Letters</i> , 2003, 82, 1899-1901.	1.5	23
137	Growth and Superconductivity of (BiPb) <sub>2</sub> Sr <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10+<math>\delta</math></sub> Single-Crystal Whiskers. <i>Japanese Journal of Applied Physics</i> , 2002, 41, L43-L45.	0.8	20
138	Carrier density control of Bi-2212 whiskers. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 372-376, 335-338.	0.6	12
139	Growth and electrical transport characteristics of Bi <sub>2</sub> Sr <sub>2</sub> Ca <sub>1</sub> Cu <sub>2</sub> O <sub>x</sub> and Bi <sub>2</sub> Sr <sub>2</sub> CuO <sub>x</sub> single-crystal whiskers using tellurium-doped precursors. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 377, 260-266.	0.6	13
140	Growth and superconducting properties of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+<math>\delta</math></sub> single-crystal whiskers using tellurium-doped precursors. <i>Applied Physics Letters</i> , 2001, 79, 2612-2614.	1.5	68