Masanori Nagao

List of Publications by Year
in descending order

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140 papers	2,870 citations	201674 27 h-index	206112 48 g-index
142 all docs	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)OBiS2 Single Crystals. Materials, 2022, 15, 2977.	2.9	0
3	Growth and characterization of Bi₂Sr₂Ca_{1â€“x}Y _x Cu₂O_{8+Î´} single-crystal whiskers. Japanese Journal of Applied Physics, 2022, 61, 063001.	1.5	1
4	THz emission from a Bi₂Sr₂CaCu₂O_{8+Î´} cross-whisker junction. Applied Physics Express, 2021, 14, 033003.	2.4	5
5	Kinetic Control of the Li_{0.9}Mn_{1.6}Ni_{0.4}O₄ Spinel Structure with Enhanced Electrochemical Performance. ACS Applied Materials & Interfaces, 2021, 13, 14056-14067.	8.0	4
6	Protonic Conduction in the BaNdInO₄ Structure Achieved by Acceptor Doping. Chemistry of Materials, 2021, 33, 2139-2146.	6.7	37
7	Direct observation of an incommensurate charge density wave in the BiS2 -based superconductor NdO1â^'xFxBiS2. Physical Review B, 2021, 103, .	3.2	6
8	Cd additive effect on self-flux growth of Cs-intercalated NbS2 superconducting single crystals. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, .	0.7	0
9	Investigating the combined effects of mirror tilting and position on rutile crystal growth using the infrared convergent-heating floating zone method. Journal of Crystal Growth, 2021, 571, 126257.	1.5	0
10	Fluorine solubility and superconducting properties of Sm(O,F)BiS2 single crystals. Journal of Alloys and Compounds, 2021, 883, 160812.	5.5	1
11	The Local Structure of the BiS2 Layer in RE(O,F)BiS2 Determined by In-Plane Polarized X-ray Absorption Measurements. Physchem, 2021, 1, 250-258.	1.1	1
12	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.	1.2	8
13	Growth and anisotropy evaluation of NbBiCh3 (Ch = S, Se) misfit-layered superconducting single crystals. Solid State Communications, 2020, 321, 114051.	1.9	12
14	Lithium-ionic conductivity of Li La(1â^')/3NbO3 single crystals grown by the TSFZ method. Solid State Ionics, 2020, 350, 115330.	2.7	4
15	Growth and Characterization of ROBiS₂ High-Entropy Superconducting Single Crystals. ACS Omega, 2020, 5, 16819-16825.	3.5	16
16	Flux Growth and Superconducting Properties of (Ce,Pr)OBiS2 Single Crystals. Frontiers in Chemistry, 2020, 8, 44.	3.6	14
17	Effects of the Mirror Tilt Angle on the Growth of LiCoO2 Single Crystals by the Traveling Solvent Floating Zone (TSFZ) Technique Using a Tilting-Mirror-type Image Furnace. Crystal Growth and Design, 2020, 20, 3413-3416.	3.0	6
18	Two-fold symmetry of in-plane magnetoresistance anisotropy in the superconducting states of BiCh₂-based LaO_{0.9}F_{0.1}BiSSe single crystal. Journal of Physics Communications, 2020, 4, 095028.	1.2	11

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19	Growth and characterization of (La,Ce)OBiS₂ single crystals. Japanese Journal of Applied Physics, 2019, 58, 063001.	1.5	5
20	Hydrothermal Synthesis and Crystal Structure of a (Ba_{0.54}K_{0.46})₄Bi₄O₁₂ Double-Perovskite Superconductor with Onset of the Transition T_c â‰¥ 30 K. Inorganic Chemistry, 2019, 58, 11997-12001.	4.0	24
21	Growth of Superconducting Sm(O,F)BiS₂ Single Crystals. Crystal Growth and Design, 2019, 19, 6136-6140.	3.0	7
22	Crystal Growth and Characterization of LixLa(1â€“x)/3NbO3 by the Traveling Solvent Floating Zone Method. Crystal Growth and Design, 2019, 19, 6291-6295.	3.0	8
23	Bulk superconductivity in a four-layer-type Bi-based compound La2O2Bi3Ag0.6Sn0.4S5.7Se0.3. Scientific Reports, 2019, 9, 13346.	3.3	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 PrOBiS2 single crystals. Solid State Communications, 2019, 296, 17-20.	1.9	5
26	Pressure-induced insulator to metal transition of mixed valence compound Ce(O,F)SbS2. Journal of Applied Physics, 2019, 125, .	2.5	8
27	Growth of LiCoO₂ Single Crystals by the TSFZ Method. Crystal Growth and Design, 2019, 19, 415-420.	3.0	8
28	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.	1.9	5
29	Determination of the phase relation of a Li La(1â^')/3NbO3 system by the slow cooling floating zone method. Journal of Crystal Growth, 2019, 507, 251-254.	1.5	4
30	Crystal Structure and Superconductivity of Tetragonal and Monoclinic Ce_{1â€“x}Pr_xOBiS₂. Inorganic Chemistry, 2018, 57, 5364-5370.	4.0	14
31	Position effects of mirrorâ€“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.	1.5	1
32	Crystal growth of La 2/3- x Li 3 x TiO 3 by the TSFZ method. Royal Society Open Science, 2018, 5, 181445.	2.4	8
33	Growth and superconducting properties of Cd-doped La(O,F)BiS2 single crystals. Solid State Communications, 2017, 261, 32-36.	1.9	3
34	Synthesis, structure and photocatalytic activity of layered LaOInS₂. Journal of Materials Chemistry A, 2017, 5, 14270-14277.	10.3	30
35	Synthesis of LaO_{0.5}F_{0.5}BiS₂ nanosheets by ultrasonification. Journal of Asian Ceramic Societies, 2017, 5, 183-185.	2.3	2
36	Superconductivity and its enhancement under high pressure in â€œF-freeâ€•single crystals of CeOBiS2. Journal of Alloys and Compounds, 2017, 722, 467-473.	5.5	23

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37	Conventional 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>	7.8	55
38	Manifestation of hopping conductivity and granularity within phase diagrams of LaO_{1â€“x}F_xBiS₂, Sr_{1â€“x}La_xFBiS₂and related BiS₂-based compounds. Journal of Physics Condensed Matter, 2017, 29, 355702.	1.8	1
39	Ce 4f electronic states of CeO1â^'xFxBiS2 studied by soft x-ray photoemission spectroscopy. Physical Review B, 2017, 95, .	3.2	5
40	Coexistence of superconductivity and charge-density wave in the quasi-one-dimensional material HfTe3. Scientific Reports, 2017, 7, 45217.	3.3	43
41	Control of the solid-liquid interface during growth of a Ce-doped Gd 2 Si 2 O 7 crystal by the traveling solvent floating zone method. Journal of Crystal Growth, 2017, 468, 465-468.	1.5	3
42	Effects of growth parameters on silicon molten zone formed by infrared convergent-heating floating zone method. Journal of Crystal Growth, 2017, 459, 105-111.	1.5	5
43	Crystal Growth Techniques for Layered Superconductors. Condensed Matter, 2017, 2, 32.	1.8	5
44	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor LaO0.55 F0.45BiS2. Nature Communications, 2017, 8, 1919.	12.8	52
45	Valence of praseodymium in superconducting Pr(O,F)BiS2single crystals. Applied Physics Express, 2016, 9, 063101.	2.4	8
46	Bulk Superconductivity Induced by In-Plane Chemical Pressure Effect in Eu_{0.5}La_{0.5}FBiS_{2â^'}_xSe_x. Journal of the Physical Society of Japan, 2016, 85, 124708.	1.6	27
47	Change of the Surface Structure by F Doping in BiS2-Based Superconductor CeO1-xFxBiS2. Physics Procedia, 2016, 81, 49-52.	1.2	6
48	Growth and Structure of Ce(O,F)SbS₂ Single Crystals. Crystal Growth and Design, 2016, 16, 3037-3042.	3.0	23
49	Conventional s-Wave Superconductivity in BiS₂-Based NdO_{0.71}F_{0.29}BiS₂ Revealed by Thermal Transport Measurements. Journal of the Physical Society of Japan, 2016, 85, 073707.	1.6	33
50	Bulk sensitive angle-resolved photoelectron spectroscopy on Nd(O,F)BiS2. Journal of Physics: Conference Series, 2016, 683, 012003.	0.4	4
51	Superconductivity in CeOBiS2 with cerium valence fluctuation. Solid State Communications, 2016, 245, 11-14.	1.9	31
52	Temperature, doping, and polarization effects on Bi6pand S3pstates in theBiS2-layered superconductorLaO1â^'xFxBiS2. Physical Review B, 2016, 94, .	3.2	4
53	Comparative ARPES studies of LaO_xF_{1â^'x}BiS₂(x = 0.23 and 0.46). Journal of Physics: Conference Series, 2016, 683, 012002.	0.4	3
54	Specific Heat and Electrical Transport Properties of Sn_{0.8}Ag_{0.2}Te Superconductor. Journal of the Physical Society of Japan, 2016, 85, 103701.	1.6	3

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55	Correction to Structure, Superconductivity, and Magnetism of Ce(O,F)BiS₂ Single Crystals. Crystal Growth and Design, 2016, 16, 2459-2459.	3.0	0
56	Effects of tilt angle of mirrorâ€“lamp system on shape of solidâ€“liquid interface of silicon melt during floating zone growth using infrared convergent heating. Journal of Crystal Growth, 2016, 433, 24-30.	1.5	7
57	Growth and characterization of R(O,F)BiS2 (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.	2.6	4
59	C-axis electrical resistivity of PrO_{1â^'}_aF_aBiS₂single crystals. Japanese Journal of Applied Physics, 2015, 54, 083101.	1.5	22
60	Structure, Superconductivity, and Magnetism of Ce(O,F)BiS2 Single Crystals. Crystal Growth and Design, 2015, 15, 39-44.	3.0	32
61	Growth of Cu(In,Ga)S 2 single crystals using CsCl flux. Journal of Crystal Growth, 2015, 412, 16-19.	1.5	2
62	Superconducting Anisotropies of F-Substituted LaOBiSe₂ Single Crystals. Journal of the Physical Society of Japan, 2014, 83, 114709.	1.6	26
63	Proximity to Fermi-surface 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:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2014, 89, .	3.2	34
64	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.	1.6	45
65	High-Tc Phase of PrO0.5F0.5BiS2 single crystal induced by uniaxial pressure. Applied Physics Letters, 2014, 105, 052601.	3.3	25
66	Triplet ground state of the neutral oxygen-vacancy donor in rutile<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TiO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	3.2	31
67	Superconducting Double Perovskite Bismuth Oxide Prepared by a Lowâ€Temperature Hydrothermal Reaction. Angewandte Chemie - International Edition, 2014, 53, 3599-3603.	13.8	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.	2.6	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.	3.0	7
70	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.	2.9	33
71	Crystal structures of LaO1â^'xFxBiS2 (x~0.23, 0.46): Effect of F doping on distortion of Biâ€“S plane. Journal of Solid State Chemistry, 2014, 212, 213-217.	2.9	58
72	Growth and superconducting properties of F-substituted ROBiS2 (R=La, Ce, Nd) single crystals. Solid State Communications, 2014, 178, 33-36.	1.9	83

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73	Ground state of the singly ionized oxygen vacancy in rutile TiO2. Journal of Applied Physics, 2013, 114, .	2.5	23
74	Atomic resolution chemical bond analysis of oxygen in La2CuO4. Journal of Applied Physics, 2013, 114, .	2.5	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.	2.0	4
76	Structural Analysis and Superconducting Properties of F-Substituted NdOBiS₂ Single Crystals. Journal of the Physical Society of Japan, 2013, 82, 113701.	1.6	94
77	Magnetocrystalline anisotropy behavior in the multiferroic BiMnO₃ examined by Lorentz transmission electron microscopy. Applied Physics Letters, 2012, 101, 052407.	3.3	5
78	Inducement of Superconductivity in Fe(Te,S) by Sulfuric Acid Treatment. Journal of the Physical Society of Japan, 2012, 81, 085005.	1.6	5
79	Crystal growth of rutile by tilting-mirror-type floating zone method. Journal of Crystal Growth, 2012, 360, 105-110.	1.5	16
80	Growth of Ba3In4Cu3O12 single-crystal whiskers. Journal of Crystal Growth, 2012, 346, 61-63.	1.5	0
81	Growth of large La2â^'xSrxCuO4 single crystals using tilting-mirror-type infrared heating image furnace. Physica C: Superconductivity and Its Applications, 2012, 472, 87-91.	1.2	5
82	Single Crystal Growth and Structural Characterization of ${m FeTe}_{1-x}{m S}_{x}$. IEEE Transactions on Applied Superconductivity, 2011, 21, 2866-2869.	1.7	10
83	Superconductivity in oxygen-annealed FeTe1â^'xSx single crystal. Journal of Applied Physics, 2011, 109, 013914.	2.5	37
84	Effects of the diameter of rutile (TiO2) single crystals grown using tilting-mirror-type infrared heating image furnace on solidâ€"liquid interface and etch pit density. Journal of Crystal Growth, 2011, 317, 135-138.	1.5	17
85	Singular ringâ€shaped distribution of Nd in Nd_xY_{1â€x}VO₄ crystals grown by floating zone method. Crystal Research and Technology, 2010, 45, 692-696.	1.3	2
86	Effects of tilting mirrors on the solidâ€"liquid interface during floating zone growth using tilting-mirror-type infrared-heating image furnace. Journal of Crystal Growth, 2010, 312, 2008-2011.	1.5	20
87	Growth and Anisotropic Properties of RBa2Cu3OxSingle-Crystal Whiskers. Japanese Journal of Applied Physics, 2010, 49, 033101.	1.5	5
88	Reduced Etch Pit Density of Rutile (TiO₂) Single Crystals by Growth Using a Tilting-Mirror-Type Infrared Heating Image Furnace. Crystal Growth and Design, 2010, 10, 3929-3930.	3.0	11
89	IshizakaetÂal.Reply:. Physical Review Letters, 2009, 102, .	7.8	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.	1.2	9

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91	Growth of Nd-doped YVO4 single crystals along ã€˜100ã€‰tetra by the anisotropic heating floating zone method. Journal of Crystal Growth, 2009, 311, 4535-4537.	1.5	4
92	Growth of superconducting single-crystalline (Lu,Ca) Ba2Cu3O7â^'Î´ whiskers. Physica C: Superconductivity and Its Applications, 2009, 469, 965-966.	1.2	2
93	La214 phase single crystal whiskers. Journal of Physics: Conference Series, 2009, 150, 052193.	0.4	0
94	Low-temperature STM/STS studies on boron-doped (111) diamond films. Journal of Physics and Chemistry of Solids, 2008, 69, 3027-3030.	4.0	7
95	Near EF electronic structure of heavily boron-doped superconducting diamond. Journal of Physics and Chemistry of Solids, 2008, 69, 2978-2981.	4.0	9
96	Anomalous ferromagnetic behavior and large magnetoresistance induced by orbital fluctuation in heavily doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Nd</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">Sr</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn	3.2	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.	1.6	22
98	Fabrication of BiFeO3Thick Films by a Simple Liquid-Phase Epitaxial Growth Technique. Japanese Journal of Applied Physics, 2008, 47, 237-239.	1.5	3
99	Temperature-Dependent Localized Excitations of Doped Carriers in Superconducting Diamond. Physical Review Letters, 2008, 100, 166402.	7.8	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, .	3.2	20
101	Observation of a Superconducting Gap in Boron-Doped Diamond by Laser-Excited Photoemission Spectroscopy. Physical Review Letters, 2007, 98, 047003.	7.8	40
102	Phonon softening in superconducting diamond. Physical Review B, 2007, 75, .	3.2	40
103	Microscopic evidence for evolution of superconductivity by effective carrier doping in boron-doped diamond:B11â^'NMRstudy. Physical Review B, 2007, 75, .	3.2	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.	1.2	4
105	Low-Energy Electrodynamics of Superconducting Diamond. Physical Review Letters, 2006, 97, 097002.	7.8	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 Bi2Sr2CaCu2O8+Î´(Bi-2212) single crystal whiskers and the characteristics. Physica C: Superconductivity and Its Applications, 2006, 445-448, 459-461.	1.2	6
108	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.	4.0	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. Journal of Physics and Chemistry of Solids, 2006, 67, 365-368.	4.0	1
110	Laser-excited photoemission spectroscopy study of superconducting boron-doped diamond. Science and Technology of Advanced Materials, 2006, 7, S17-S21.	6.1	14
111	11B-NMR study in boron-doped diamond films. Science and Technology of Advanced Materials, 2006, 7, S37-S40.	6.1	19
112	Acoustic and optical phonons in metallic diamond. Science and Technology of Advanced Materials, 2006, 7, S31-S36.	6.1	11
113	Scanning tunneling microscopy and spectroscopy studies of superconducting boron-doped diamond films. Science and Technology of Advanced Materials, 2006, 7, S22-S26.	6.1	15
114	Sub-Terahertz spectroscopy of superconducting diamond. , 2006, , .		0
115	Periodic oscillations of Josephson-vortex flow resistance in oxygen-deficientYBa2Cu3Ox. Physical Review B, 2006, 74, .	3.2	18
116	Shapiro steps observed in annular intrinsic Josephson junctions at low microwave frequencies. Applied Physics Letters, 2006, 88, 063503.	3.3	15
117	Detailed characterization for YBCO intrinsic Josephson junctions by using small-sized junctions. Physica C: Superconductivity and Its Applications, 2005, 426-431, 1479-1483.	1.2	8
118	Origin of the metallic properties of heavily boron-doped superconducting diamond. Nature, 2005, 438, 647-650.	27.8	244
119	Growth of Y1Ba2Cu3OxSingle-Crystal Whisker Using Sb-doped Precursor. Japanese Journal of Applied Physics, 2005, 44, L67-L70.	1.5	6
120	Fiske steps studied by flux-flow resistance oscillation in a narrow stack ofBi2Sr2CaCu2O8+Î´junctions. Physical Review B, 2005, 72, .	3.2	30
121	Lock-inPhenomena of Josephson Vortices under Vicinal Layer Parallel Magnetic Field. Japanese Journal of Applied Physics, 2005, 44, L27-L30.	1.5	8
122	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.	1.7	2
123	Intrinsic Josephson junctions in Y1Ba2Cu3Ox single-crystal whiskers grown using Te-doped precursors. Journal of Applied Physics, 2005, 98, 073903.	2.5	13
124	Oscillations of Josephson-Vortex Flow Resistance in Narrow Intrinsic Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2005, 15, 912-915.	1.7	13
125	Macroscopic Quantum Tunneling in ad-Wave High-TCBi2Sr2CaCu2O8+Î´Superconductor. Physical Review Letters, 2005, 95, 107005.	7.8	172
126	Exploring the Versatility of Double-Sided Fabrication of Intrinsic Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2005, 15, 232-236.	1.7	2

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127	Superconductivity in polycrystalline diamond thin films. Diamond and Related Materials, 2005, 14, 1936-1938.	3.9	72
128	Sub-micron sized intrinsic Josephson junctions in YBa2Cu3O7â^'Xwhiskers. Superconductor Science and Technology, 2005, 18, 1159-1162.	3.5	14
129	Growth of R-123 Phase Single Crystal Whiskers. Japanese Journal of Applied Physics, 2004, 43, L324-L327.	1.5	15
130	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.	1.2	5
131	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.	1.2	19
132	Probing the order parameter using cross-whisker junction with adjustable Josephson characteristics. Physica C: Superconductivity and Its Applications, 2004, 408-410, 296-299.	1.2	11
133	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.	1.2	0
134	Superconducting properties of the 18 K phase in yttrium sesquicarbide system. Applied Physics Letters, 2004, 84, 2859-2861.	3.3	32
135	Superconductivity in diamond thin films well above liquid helium temperature. Applied Physics Letters, 2004, 85, 2851-2853.	3.3	277
136	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.	3.3	23
137	Growth and Superconductivity of (BiPb)2Sr2Ca2Cu3O10+Î´ Single-Crystal Whiskers. Japanese Journal of Applied Physics, 2002, 41, L43-L45.	1.5	20
138	Carrier density control of Bi-2212 whiskers. Physica C: Superconductivity and Its Applications, 2002, 372-376, 335-338.	1.2	12
139	Growth and electrical transport characteristics of Bi2Sr2Ca1Cu2Ox and Bi2Sr2CuOx single-crystal whiskers using tellurium-doped precursors. Physica C: Superconductivity and Its Applications, 2002, 377, 260-266.	1.2	13
140	Growth and superconducting properties of Bi2Sr2CaCu2O8+Î´ single-crystal whiskers using tellurium-doped precursors. Applied Physics Letters, 2001, 79, 2612-2614.	3.3	68