Masanori Nagao

List of Publications by Year
in descending order

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	Superconductivity in diamond thin films well above liquid helium temperature. Applied Physics Letters, 2004, 85, 2851-2853.	3.3	277
2	Origin of the metallic properties of heavily boron-doped superconducting diamond. Nature, 2005, 438, 647-650.	27.8	244
3	Macroscopic Quantum Tunneling in ad-Wave High-TCBi2Sr2CaCu2O8+Î´Superconductor. Physical Review Letters, 2005, 95, 107005.	7.8	172
4	Structural Analysis and Superconducting Properties of F-Substituted NdOBiS₂ Single Crystals. Journal of the Physical Society of Japan, 2013, 82, 113701.	1.6	94
5	Growth and superconducting properties of F-substituted ROBiS2 (R=La, Ce, Nd) single crystals. Solid State Communications, 2014, 178, 33-36.	1.9	83
6	Superconductivity in polycrystalline diamond thin films. Diamond and Related Materials, 2005, 14, 1936-1938.	3.9	72
7	Growth and superconducting properties of Bi2Sr2CaCu2O8+Î´ single-crystal whiskers using tellurium-doped precursors. Applied Physics Letters, 2001, 79, 2612-2614.	3.3	68
8	Superconducting Double Perovskite Bismuth Oxide Prepared by a Lowâ€Temperature Hydrothermal Reaction. Angewandte Chemie - International Edition, 2014, 53, 3599-3603.	13.8	61
9	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
10	Low-Energy Electrodynamics of Superconducting Diamond. Physical Review Letters, 2006, 97, 097002.	7.8	55
11	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></ -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 mathvariant="nor. Physical Review Letters, 2017, 118, 167002.	7.8	55
12	Direct evidence of hidden local spin polarization in a centrosymmetric superconductor LaO0.55 F0.45BiS2. Nature Communications, 2017, 8, 1919.	12.8	52
13	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
14	Coexistence of superconductivity and charge-density wave in the quasi-one-dimensional material HfTe3. Scientific Reports, 2017, 7, 45217.	3.3	43
15	Observation of a Superconducting Gap in Boron-Doped Diamond by Laser-Excited Photoemission Spectroscopy. Physical Review Letters, 2007, 98, 047003.	7.8	40
16	Phonon softening in superconducting diamond. Physical Review B, 2007, 75, .	3.2	40
17	Superconductivity in oxygen-annealed FeTe1â^'xSx single crystal. Journal of Applied Physics, 2011, 109, 013914.	2.5	37
18	Protonic Conduction in the BaNdInO₄ Structure Achieved by Acceptor Doping. Chemistry of Materials, 2021, 33, 2139-2146.	6.7	37

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19	Microscopic evidence for evolution of superconductivity by effective carrier doping in boron-doped diamond:B11â^'NMRstudy. Physical Review B, 2007, 75, .	3.2	36
20	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:msu mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2014, 90, .	3.2	34
21	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
22	Conventional <i>s</i>-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
23	Superconducting properties of the 18 K phase in yttrium sesquicarbide system. Applied Physics Letters, 2004, 84, 2859-2861.	3.3	32
24	Structure, Superconductivity, and Magnetism of Ce(O,F)BiS2 Single Crystals. Crystal Growth and Design, 2015, 15, 39-44.	3.0	32
25	Superconductivity in CeOBiS2 with cerium valence fluctuation. Solid State Communications, 2016, 245, 11-14.	1.9	31
26	Fiske steps studied by flux-flow resistance oscillation in a narrow stack ofBi2Sr2CaCu2O8+Î´junctions. Physical Review B, 2005, 72, .	3.2	30
27	Synthesis, structure and photocatalytic activity of layered LaOInS₂. Journal of Materials Chemistry A, 2017, 5, 14270-14277.	10.3	30
28	Bulk Superconductivity Induced by In-Plane Chemical Pressure Effect in Eu_{0.5}La_{0.5}FBiS_{2â^'}<i>_x</i>Se<i>_x</i>. Journal of the Physical Society of Japan, 2016, 85, 124708.	1.6	27
29	Superconducting Anisotropies of F-Substituted LaOBiSe₂ Single Crystals. Journal of the Physical Society of Japan, 2014, 83, 114709.	1.6	26
30	Temperature-Dependent Localized Excitations of Doped Carriers in Superconducting Diamond. Physical Review Letters, 2008, 100, 166402.	7.8	25
31	High-Tc Phase of PrO0.5F0.5BiS2 single crystal induced by uniaxial pressure. Applied Physics Letters, 2014, 105, 052601.	3.3	25
32	Hydrothermal Synthesis and Crystal Structure of a (Ba_{0.54}K_{0.46})₄Bi₄O₁₂ Double-Perovskite Superconductor with Onset of the Transition <i>T</i>_c â^¼ 30 K. Inorganic Chemistry, 2019, 58, 11997-12001.	4.0	24
33	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
34	Ground state of the singly ionized oxygen vacancy in rutile TiO2. Journal of Applied Physics, 2013, 114, .	2.5	23
35	Growth and Structure of Ce(O,F)SbS₂ Single Crystals. Crystal Growth and Design, 2016, 16, 3037-3042.	3.0	23
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	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
38	<i>C</i>-axis electrical resistivity of PrO_{1â^’}<i>_a</i>F<i>_a</i>BiS₂single crystals. Japanese Journal of Applied Physics, 2015, 54, 083101.	1.5	22
39	[illegible] 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> mathvariant="normal">Sr</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:msub><mml:mi	3.2	21
40	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></mm Physical Review B, 2014, 89, .	3.2	21
41	Growth and Superconductivity of (BiPb)2Sr2Ca2Cu3O10+Î´ Single-Crystal Whiskers. Japanese Journal of Applied Physics, 2002, 41, L43-L45.	1.5	20
42	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
43	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
44	Self-Combustion Synthesis of Novel Metastable Ternary Molybdenum Nitrides. , 2019, 1, 64-70.		20
45	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
46	11B-NMR study in boron-doped diamond films. Science and Technology of Advanced Materials, 2006, 7, S37-S40.	6.1	19
47	Periodic oscillations of Josephson-vortex flow resistance in oxygen-deficientYBa2Cu3Ox. Physical Review B, 2006, 74, .	3.2	18
48	Growth and characterization of R(O,F)BiS2 (R = La, Ce, Pr, Nd) superconducting single crystals. Novel Superconducting Materials, 2015, 1, .	0.8	18
49	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
50	Crystal growth of rutile by tilting-mirror-type floating zone method. Journal of Crystal Growth, 2012, 360, 105-110.	1.5	16
51	Growth and Characterization of ROBiS₂ High-Entropy Superconducting Single Crystals. ACS Omega, 2020, 5, 16819-16825.	3.5	16
52	Growth of R-123 Phase Single Crystal Whiskers. Japanese Journal of Applied Physics, 2004, 43, L324-L327.	1.5	15
53	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
54	Shapiro steps observed in annular intrinsic Josephson junctions at low microwave frequencies. Applied Physics Letters, 2006, 88, 063503.	3.3	15

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55	Sub-micron sized intrinsic Josephson junctions in YBa2Cu3O7âˆ’Xwhiskers. Superconductor Science and Technology, 2005, 18, 1159-1162.	3.5	14
56	Laser-excited photoemission spectroscopy study of superconducting boron-doped diamond. Science and Technology of Advanced Materials, 2006, 7, S17-S21.	6.1	14
57	Atomic resolution chemical bond analysis of oxygen in La2CuO4. Journal of Applied Physics, 2013, 114, .	2.5	14
58	Crystal Structure and Superconductivity of Tetragonal and Monoclinic Ce_{1â€“<i>x</i>}Pr_{<i>x</i>}OBiS₂. Inorganic Chemistry, 2018, 57, 5364-5370.	4.0	14
59	Flux Growth and Superconducting Properties of (Ce,Pr)OBiS2 Single Crystals. Frontiers in Chemistry, 2020, 8, 44.	3.6	14
60	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
61	Intrinsic Josephson junctions in Y1Ba2Cu3Ox single-crystal whiskers grown using Te-doped precursors. Journal of Applied Physics, 2005, 98, 073903.	2.5	13
62	Oscillations of Josephson-Vortex Flow Resistance in Narrow Intrinsic Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2005, 15, 912-915.	1.7	13
63	Carrier density control of Bi-2212 whiskers. Physica C: Superconductivity and Its Applications, 2002, 372-376, 335-338.	1.2	12
64	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
65	Growth and anisotropy evaluation of NbBiCh3 (Ch = S, Se) misfit-layered superconducting single crystals. Solid State Communications, 2020, 321, 114051.	1.9	12
66	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
67	Acoustic and optical phonons in metallic diamond. Science and Technology of Advanced Materials, 2006, 7, S31-S36.	6.1	11
68	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
69	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
70	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
71	Bulk superconductivity in a four-layer-type Bi-based compound La2O2Bi3Ag0.6Sn0.4S5.7Se0.3. Scientific Reports, 2019, 9, 13346.	3.3	10
72	Near EF electronic structure of heavily boron-doped superconducting diamond. Journal of Physics and Chemistry of Solids, 2008, 69, 2978-2981.	4.0	9

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73	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
74	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
75	Lock-inPhenomena of Josephson Vortices under Vicinal Layer Parallel Magnetic Field. Japanese Journal of Applied Physics, 2005, 44, L27-L30.	1.5	8
76	Valence of praseodymium in superconducting Pr(O,F)BiS2single crystals. Applied Physics Express, 2016, 9, 063101.	2.4	8
77	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
78	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
79	Pressure-induced insulator to metal transition of mixed valence compound Ce(O,F)SbS2. Journal of Applied Physics, 2019, 125, .	2.5	8
80	Growth of LiCoO₂ Single Crystals by the TSFZ Method. Crystal Growth and Design, 2019, 19, 415-420.	3.0	8
81	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
82	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
83	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
84	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
85	Growth of Superconducting Sm(O,F)BiS₂ Single Crystals. Crystal Growth and Design, 2019, 19, 6136-6140.	3.0	7
86	Growth of Y1Ba2Cu3OxSingle-Crystal Whisker Using Sb-doped Precursor. Japanese Journal of Applied Physics, 2005, 44, L67-L70.	1.5	6
87	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
88	Change of the Surface Structure by F Doping in BiS2-Based Superconductor CeO1-xFxBiS2. Physics Procedia, 2016, 81, 49-52.	1.2	6
89	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
90	Direct observation of an incommensurate charge density wave in the BiS2 -based superconductor NdO1â^'xFxBiS2. Physical Review B, 2021, 103, .	3.2	6

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91	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
92	Growth and Anisotropic Properties of RBa2Cu3OxSingle-Crystal Whiskers. Japanese Journal of Applied Physics, 2010, 49, 033101.	1.5	5
93	Magnetocrystalline anisotropy behavior in the multiferroic BiMnO₃ examined by Lorentz transmission electron microscopy. Applied Physics Letters, 2012, 101, 052407.	3.3	5
94	Inducement of Superconductivity in Fe(Te,S) by Sulfuric Acid Treatment. Journal of the Physical Society of Japan, 2012, 81, 085005.	1.6	5
95	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
96	Ce 4f electronic states of CeO1â^'xFxBiS2 studied by soft x-ray photoemission spectroscopy. Physical Review B, 2017, 95, .	3.2	5
97	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
98	Crystal Growth Techniques for Layered Superconductors. Condensed Matter, 2017, 2, 32.	1.8	5
99	Growth and characterization of (La,Ce)OBiS₂ single crystals. Japanese Journal of Applied Physics, 2019, 58, 063001.	1.5	5
100	Growth and transport properties under high pressure of PrOBiS2 single crystals. Solid State Communications, 2019, 296, 17-20.	1.9	5
101	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
102	THz emission from a Bi₂Sr₂CaCu₂O_{8+Î´} cross-whisker junction. Applied Physics Express, 2021, 14, 033003.	2.4	5
103	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
104	Growth of Nd-doped YVO4 single crystals along ã€ˆ100ã€‰tetra by the anisotropic heating floating zone method. Journal of Crystal Growth, 2009, 311, 4535-4537.	1.5	4
105	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
106	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
107	Bulk sensitive angle-resolved photoelectron spectroscopy on Nd(O,F)BiS2. Journal of Physics: Conference Series, 2016, 683, 012003.	0.4	4
108	Temperature, doping, and polarization effects on Bi6pand S3pstates in theBiS2-layered superconductorLaO1â^'xFxBiS2. Physical Review B, 2016, 94, .	3.2	4

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109	Determination of the phase relation of a Li La(1âˆ’)/3NbO3 system by the slow cooling floating zone method. Journal of Crystal Growth, 2019, 507, 251-254.	1.5	4
110	Lithium-ionic conductivity of Li La(1âˆ’)/3NbO3 single crystals grown by the TSFZ method. Solid State Ionics, 2020, 350, 115330.	2.7	4
111	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
112	Fabrication of BiFeO3Thick Films by a Simple Liquid-Phase Epitaxial Growth Technique. Japanese Journal of Applied Physics, 2008, 47, 237-239.	1.5	3
113	Comparative ARPES studies of LaO_xF_{1âˆ’x}BiS₂(x = 0.23 and 0.46). Journal of Physics: Conference Series, 2016, 683, 012002.	0.4	3
114	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
115	Growth and superconducting properties of Cd-doped La(O,F)BiS2 single crystals. Solid State Communications, 2017, 261, 32-36.	1.9	3
116	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
117	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
118	Exploring the Versatility of Double-Sided Fabrication of Intrinsic Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2005, 15, 232-236.	1.7	2
119	Growth of superconducting single-crystalline (Lu,Ca) Ba2Cu3O7âˆ’Î´ whiskers. Physica C: Superconductivity and Its Applications, 2009, 469, 965-966.	1.2	2
120	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
121	Growth of Cu(In,Ga)S 2 single crystals using CsCl flux. Journal of Crystal Growth, 2015, 412, 16-19.	1.5	2
122	Synthesis of LaO_{0.5}F_{0.5}BiS₂ nanosheets by ultrasonification. Journal of Asian Ceramic Societies, 2017, 5, 183-185.	2.3	2
123	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
124	Manifestation of hopping conductivity and granularity within phase diagrams of LaO_{1â€“<i>x</i>}F_{<i>x</i>}BiS₂, Sr_{1â€“<i>x</i>}La_{<i>x</i>}FBiS₂and related BiS₂-based compounds. Journal of Physics Condensed Matter, 2017, 29, 355702.	1.8	1
125	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
126	Fluorine solubility and superconducting properties of Sm(O,F)BiS2 single crystals. Journal of Alloys and Compounds, 2021, 883, 160812.	5.5	1

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127	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
128	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
129	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
130	Electronic Structures of Heavily Boron-doped Superconducting Diamond Films. Materials Research Society Symposia Proceedings, 2006, 956, 1.	0.1	0
131	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
132	Sub-Terahertz spectroscopy of superconducting diamond. , 2006, , .		0
133	Ishizaka<i>etÂ al.</i>Reply:. Physical Review Letters, 2009, 102, .	7.8	0
134	La214 phase single crystal whiskers. Journal of Physics: Conference Series, 2009, 150, 052193.	0.4	0
135	Growth of Ba3In4Cu3O12 single-crystal whiskers. Journal of Crystal Growth, 2012, 346, 61-63.	1.5	0
136	Correction to Structure, Superconductivity, and Magnetism of Ce(O,F)BiS₂ Single Crystals. Crystal Growth and Design, 2016, 16, 2459-2459.	3.0	0
137	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
138	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
139	Extraction of Non-Diagnosable Images Captured by a Capsule Endoscope and Polyp Detection Using YOLOv5. , 2022, , .		0
140	Investigation of Superconductivity in Ce-Doped (La,Pr)OBiS2 Single Crystals. Materials, 2022, 15, 2977.	2.9	0