

Masanori Nagao

List of Publications by Year in descending order

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140
papers

2,870
citations

201575

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48
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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. | 1.5 | 277 |
| 2 | Origin of the metallic properties of heavily boron-doped superconducting diamond. Nature, 2005, 438, 647-650. | 13.7 | 244 |
| 3 | Macroscopic Quantum Tunneling in ad-Wave High-TCBi ₂ Sr ₂ CaCu ₂ O ₈ + δ Superconductor. Physical Review Letters, 2005, 95, 107005. | 2.9 | 172 |
| 4 | Structural Analysis and Superconducting Properties of F-Substituted NdOBiS ₂ Single Crystals. Journal of the Physical Society of Japan, 2013, 82, 113701. | 0.7 | 94 |
| 5 | Growth and superconducting properties of F-substituted ROBiS ₂ (R=La, Ce, Nd) single crystals. Solid State Communications, 2014, 178, 33-36. | 0.9 | 83 |
| 6 | Superconductivity in polycrystalline diamond thin films. Diamond and Related Materials, 2005, 14, 1936-1938. | 1.8 | 72 |
| 7 | Growth and superconducting properties of Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ single-crystal whiskers using tellurium-doped precursors. Applied Physics Letters, 2001, 79, 2612-2614. | 1.5 | 68 |
| 8 | Superconducting Double Perovskite Bismuth Oxide Prepared by a Low- δ Temperature Hydrothermal Reaction. Angewandte Chemie - International Edition, 2014, 53, 3599-3603. | 7.2 | 61 |
| 9 | Crystal structures of LaO δ x ₂ BiS ₂ (x=0.23, 0.46): Effect of F doping on distortion of Bi δ S plane. Journal of Solid State Chemistry, 2014, 212, 213-217. | 1.4 | 58 |
| 10 | Low-Energy Electrodynamics of Superconducting Diamond. Physical Review Letters, 2006, 97, 097002. | 2.9 | 55 |
| 11 | Unconventional Superconductivity in the BiS_2 -Based Layered Superconductor $\text{NdO}_{0.55}\text{FO.45BiS}_2$. Physical Review Letters, 2017, 118, 167002. | 2.9 | 55 |
| 12 | Direct evidence of hidden local spin polarization in a centrosymmetric superconductor LaO _{0.55} FO.45BiS ₂ . Nature Communications, 2017, 8, 1919. | 5.8 | 52 |
| 13 | δ Checkerboard Stripe δ Electronic State on Cleaved Surface of NdO _{0.7} F _{0.3} BiS ₂ Probed by Scanning Tunneling Microscopy. Journal of the Physical Society of Japan, 2014, 83, 113701. | 0.7 | 45 |
| 14 | Coexistence of superconductivity and charge-density wave in the quasi-one-dimensional material HfTe ₃ . Scientific Reports, 2017, 7, 45217. | 1.6 | 43 |
| 15 | Observation of a Superconducting Gap in Boron-Doped Diamond by Laser-Excited Photoemission Spectroscopy. Physical Review Letters, 2007, 98, 047003. | 2.9 | 40 |
| 16 | Phonon softening in superconducting diamond. Physical Review B, 2007, 75, . | 1.1 | 40 |
| 17 | Superconductivity in oxygen-annealed FeTe δ x ₂ single crystal. Journal of Applied Physics, 2011, 109, 013914. | 1.1 | 37 |
| 18 | Protonic Conduction in the BaNdInO ₄ Structure Achieved by Acceptor Doping. Chemistry of Materials, 2021, 33, 2139-2146. | 3.2 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Microscopic evidence for evolution of superconductivity by effective carrier doping in boron-doped diamond: $B_{11}\hat{\sim}$ NMR study. Physical Review B, 2007, 75, . | 1.1 | 36 |
| 20 | Proximity to Fermi-surface topological change in superconducting $La_{x}O_{0.54}F_{0.46}BiS_2$. Physical Review B, 2014, 90, . | 1.4 | 34 |
| 21 | First single crystal growth and structural analysis of superconducting layered bismuth oxyselenide; $La(O,F)BiSe_2$. Journal of Solid State Chemistry, 2014, 219, 168-172. | 1.4 | 33 |
| 22 | Conventional s -Wave Superconductivity in BiS_2 -Based $NdO_{0.71}F_{0.29}BiS_2$ Revealed by Thermal Transport Measurements. Journal of the Physical Society of Japan, 2016, 85, 073707. | 0.7 | 33 |
| 23 | Superconducting properties of the 18 K phase in yttrium sesquicarbide system. Applied Physics Letters, 2004, 84, 2859-2861. | 1.5 | 32 |
| 24 | Structure, Superconductivity, and Magnetism of $Ce(O,F)BiS_2$ Single Crystals. Crystal Growth and Design, 2015, 15, 39-44. | 1.4 | 32 |
| 25 | Superconductivity in $CeOBiS_2$ with cerium valence fluctuation. Solid State Communications, 2016, 245, 11-14. | 0.9 | 31 |
| 26 | Fiske steps studied by flux-flow resistance oscillation in a narrow stack of $Bi_2Sr_2CaCu_2O_{8+\delta}$ junctions. Physical Review B, 2005, 72, . | 1.1 | 30 |
| 27 | Synthesis, structure and photocatalytic activity of layered $LaOInS_2$. Journal of Materials Chemistry A, 2017, 5, 14270-14277. | 5.2 | 30 |
| 28 | Bulk Superconductivity Induced by In-Plane Chemical Pressure Effect in $Eu_{0.5}La_{0.5}FBiS_2$. Journal of the Physical Society of Japan, 2016, 85, 124708. | 0.7 | 27 |
| 29 | Superconducting Anisotropies of F-Substituted $LaOBiSe_2$ Single Crystals. Journal of the Physical Society of Japan, 2014, 83, 114709. | 0.7 | 26 |
| 30 | Temperature-Dependent Localized Excitations of Doped Carriers in Superconducting Diamond. Physical Review Letters, 2008, 100, 166402. | 2.9 | 25 |
| 31 | High-Tc Phase of $PrO_{0.5}F_{0.5}BiS_2$ single crystal induced by uniaxial pressure. Applied Physics Letters, 2014, 105, 052601. | 1.5 | 25 |
| 32 | Hydrothermal Synthesis and Crystal Structure of a $(Ba_{0.54}K_{0.46})_{4}Bi_{4}O_{12}$ Double-Perovskite Superconductor with Onset of the Transition $T_c \sim 30$ K. Inorganic Chemistry, 2019, 58, 11997-12001. | 1.9 | 24 |
| 33 | Superconducting properties of single-crystal whiskers of $(Y_{0.86}Ca_{0.14})Ba_2Cu_3O_x$ grown from precursors containing calcium and tellurium. Applied Physics Letters, 2003, 82, 1899-1901. | 1.5 | 23 |
| 34 | Ground state of the singly ionized oxygen vacancy in rutile TiO_2 . Journal of Applied Physics, 2013, 114, . | 1.1 | 23 |
| 35 | Growth and Structure of $Ce(O,F)SbS_2$ Single Crystals. Crystal Growth and Design, 2016, 16, 3037-3042. | 1.4 | 23 |
| 36 | Superconductivity and its enhancement under high pressure in F -free single crystals of $CeOBiS_2$. Journal of Alloys and Compounds, 2017, 722, 467-473. | 2.8 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Holes in the Valence Band of Superconducting Boron-Doped Diamond Film Studied by Soft X-ray Absorption and Emission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 054711. | 0.7 | 22 |
| 38 | <i>c</i> -axis electrical resistivity of PrO _{1-x} F _x BiS ₂ single crystals. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 083101. https://doi.org/10.1063/1.4998101 . magnetoresistance induced by orbital fluctuation in | 0.8 | 22 |
| 39 | heavily doped $Mn_{1-x}Ni_x$ single crystals. <i>Physical Review B</i> , 2014, 89, . | | |
| 40 | Triplet ground state of the neutral oxygen-vacancy donor in rutile TiO_{2-x} . <i>Physical Review B</i> , 2014, 89, . | | |
| 41 | Growth and Superconductivity of (BiPb) ₂ Sr ₂ Ca ₂ Cu ₃ O _{10+δ} Single-Crystal Whiskers. <i>Japanese Journal of Applied Physics</i> , 2002, 41, L43-L45. | 0.8 | 20 |
| 42 | Core-level electronic structure evolution of heavily boron-doped superconducting diamond studied with hard x-ray photoemission spectroscopy. <i>Physical Review B</i> , 2007, 75, . | 1.1 | 20 |
| 43 | Effects of tilting mirrors on the solid-liquid interface during floating zone growth using tilting-mirror-type infrared-heating image furnace. <i>Journal of Crystal Growth</i> , 2010, 312, 2008-2011. | 0.7 | 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 Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} (Bi-2212) single crystal whisker. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 412-414, 1401-1405. | 0.6 | 19 |
| 46 | ¹¹ B-NMR study in boron-doped diamond films. <i>Science and Technology of Advanced Materials</i> , 2006, 7, S37-S40. | 2.8 | 19 |
| 47 | Periodic oscillations of Josephson-vortex flow resistance in oxygen-deficient YBa ₂ Cu ₃ O _x . <i>Physical Review B</i> , 2006, 74, . | 1.1 | 18 |
| 48 | Growth and characterization of R(O,F)BiS ₂ (R = La, Ce, Pr, Nd) superconducting single crystals. <i>Novel Superconducting Materials</i> , 2015, 1, . | 0.8 | 18 |
| 49 | Effects of the diameter of rutile (TiO ₂) single crystals grown using tilting-mirror-type infrared heating image furnace on solid-liquid interface and etch pit density. <i>Journal of Crystal Growth</i> , 2011, 317, 135-138. | 0.7 | 17 |
| 50 | Crystal growth of rutile by tilting-mirror-type floating zone method. <i>Journal of Crystal Growth</i> , 2012, 360, 105-110. | 0.7 | 16 |
| 51 | Growth and Characterization of ROBiS ₂ High-Entropy Superconducting Single Crystals. <i>ACS Omega</i> , 2020, 5, 16819-16825. | 1.6 | 16 |
| 52 | Growth of R-123 Phase Single Crystal Whiskers. <i>Japanese Journal of Applied Physics</i> , 2004, 43, L324-L327. | 0.8 | 15 |
| 53 | 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 |
| 54 | Shapiro steps observed in annular intrinsic Josephson junctions at low microwave frequencies. <i>Applied Physics Letters</i> , 2006, 88, 063503. | 1.5 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Sub-micron sized intrinsic Josephson junctions in YBa ₂ Cu ₃ O _{7-x} whiskers. Superconductor Science and Technology, 2005, 18, 1159-1162. | 1.8 | 14 |
| 56 | Laser-excited photoemission spectroscopy study of superconducting boron-doped diamond. Science and Technology of Advanced Materials, 2006, 7, S17-S21. | 2.8 | 14 |
| 57 | Atomic resolution chemical bond analysis of oxygen in La ₂ CuO ₄ . Journal of Applied Physics, 2013, 114, . | 1.1 | 14 |
| 58 | Crystal Structure and Superconductivity of Tetragonal and Monoclinic Ce _{1-x} Pr _x OBS ₂ . Inorganic Chemistry, 2018, 57, 5364-5370. | 1.9 | 14 |
| 59 | Flux Growth and Superconducting Properties of (Ce,Pr)OBiS ₂ Single Crystals. Frontiers in Chemistry, 2020, 8, 44. | 1.8 | 14 |
| 60 | Growth and electrical transport characteristics of Bi ₂ Sr ₂ Ca ₁ Cu ₂ O _x and Bi ₂ Sr ₂ CuO _x single-crystal whiskers using tellurium-doped precursors. Physica C: Superconductivity and Its Applications, 2002, 377, 260-266. | 0.6 | 13 |
| 61 | Intrinsic Josephson junctions in Y ₁ Ba ₂ Cu ₃ O _x single-crystal whiskers grown using Te-doped precursors. Journal of Applied Physics, 2005, 98, 073903. | 1.1 | 13 |
| 62 | Oscillations of Josephson-Vortex Flow Resistance in Narrow Intrinsic Josephson Junctions. IEEE Transactions on Applied Superconductivity, 2005, 15, 912-915. | 1.1 | 13 |
| 63 | Carrier density control of Bi-2212 whiskers. Physica C: Superconductivity and Its Applications, 2002, 372-376, 335-338. | 0.6 | 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. | 1.3 | 12 |
| 65 | Growth and anisotropy evaluation of NbBiCh ₃ (Ch = S, Se) misfit-layered superconducting single crystals. Solid State Communications, 2020, 321, 114051. | 0.9 | 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. | 0.6 | 11 |
| 67 | Acoustic and optical phonons in metallic diamond. Science and Technology of Advanced Materials, 2006, 7, S31-S36. | 2.8 | 11 |
| 68 | Reduced Etch Pit Density of Rutile (TiO ₂) Single Crystals by Growth Using a Tilting-Mirror-Type Infrared Heating Image Furnace. Crystal Growth and Design, 2010, 10, 3929-3930. | 1.4 | 11 |
| 69 | Two-fold symmetry of in-plane magnetoresistance anisotropy in the superconducting states of BiCh ₂ -based LaO _{0.9} F _{0.1} BiSSe single crystal. Journal of Physics Communications, 2020, 4, 095028. | 0.5 | 11 |
| 70 | Single Crystal Growth and Structural Characterization of $\{m \text{FeTe}_{1-x}\{m \text{S}}_x\}$. IEEE Transactions on Applied Superconductivity, 2011, 21, 2866-2869. | 1.1 | 10 |
| 71 | Bulk superconductivity in a four-layer-type Bi-based compound La ₂ O ₂ Bi ₃ Ag _{0.6} Sn _{0.4} S _{5.7} Se _{0.3} . Scientific Reports, 2019, 9, 13346. | 1.6 | 10 |
| 72 | Near EF electronic structure of heavily boron-doped superconducting diamond. Journal of Physics and Chemistry of Solids, 2008, 69, 2978-2981. | 1.9 | 9 |

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|----|---|-----|-----------|
| 73 | Electrical properties of boron-doped MWNTs synthesized by hot-filament chemical vapor deposition. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 1002-1004. | 0.6 | 9 |
| 74 | 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 |
| 75 | 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 |
| 76 | Valence of praseodymium in superconducting Pr(O,F)BiS ₂ single crystals. <i>Applied Physics Express</i> , 2016, 9, 063101. | 1.1 | 8 |
| 77 | Crystal growth of La _{2/3-x} Li _{3x} TiO ₃ by the TSFZ method. <i>Royal Society Open Science</i> , 2018, 5, 181445. | 1.1 | 8 |
| 78 | Crystal Growth and Characterization of Li _x La(1-x)NbO ₃ by the Traveling Solvent Floating Zone Method. <i>Crystal Growth and Design</i> , 2019, 19, 6291-6295. | 1.4 | 8 |
| 79 | Pressure-induced insulator to metal transition of mixed valence compound Ce(O,F)SbS ₂ . <i>Journal of Applied Physics</i> , 2019, 125, . | 1.1 | 8 |
| 80 | Growth of LiCoO ₂ Single Crystals by the TSFZ Method. <i>Crystal Growth and Design</i> , 2019, 19, 415-420. | 1.4 | 8 |
| 81 | 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 |
| 82 | Low-temperature STM/STS studies on boron-doped (111) diamond films. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3027-3030. | 1.9 | 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. <i>Crystal Growth and Design</i> , 2014, 14, 5117-5121. | 1.4 | 7 |
| 84 | 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. <i>Journal of Crystal Growth</i> , 2016, 433, 24-30. | 0.7 | 7 |
| 85 | Growth of Superconducting Sm(O,F)BiS ₂ Single Crystals. <i>Crystal Growth and Design</i> , 2019, 19, 6136-6140. | 1.4 | 7 |
| 86 | Growth of Y ₁ Ba ₂ Cu ₃ O _x Single-Crystal Whisker Using Sb-doped Precursor. <i>Japanese Journal of Applied Physics</i> , 2005, 44, L67-L70. | 0.8 | 6 |
| 87 | Growth of superconducting Bi ₂ Sr ₂ CaCu ₂ O _{8+δ} (Bi-2212) single crystal whiskers and the characteristics. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 445-448, 459-461. | 0.6 | 6 |
| 88 | Change of the Surface Structure by F Doping in BiS ₂ -Based Superconductor CeO _{1-x} F _x BiS ₂ . <i>Physics Procedia</i> , 2016, 81, 49-52. | 1.2 | 6 |
| 89 | Effects of the Mirror Tilt Angle on the Growth of LiCoO ₂ 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 |
| 90 | Direct observation of an incommensurate charge density wave in the BiS ₂ -based superconductor NdO _{1-x} F _x BiS ₂ . <i>Physical Review B</i> , 2021, 103, . | 1.1 | 6 |

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|-----|--|-----|-----------|
| 91 | Evaluation of junction parameters with control of carrier concentration in Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$ stacked junctions. Physica C: Superconductivity and Its Applications, 2004, 412-414, 1396-1400. | 0.6 | 5 |
| 92 | Growth and Anisotropic Properties of RBa ₂ Cu ₃ O _x Single-Crystal Whiskers. Japanese Journal of Applied Physics, 2010, 49, 033101. | 0.8 | 5 |
| 93 | Magnetocrystalline anisotropy behavior in the multiferroic BiMnO ₃ examined by Lorentz transmission electron microscopy. Applied Physics Letters, 2012, 101, 052407. | 1.5 | 5 |
| 94 | Inducement of Superconductivity in Fe(Te,S) by Sulfuric Acid Treatment. Journal of the Physical Society of Japan, 2012, 81, 085005. | 0.7 | 5 |
| 95 | Growth of large La _{2-x} Sr _x CuO ₄ single crystals using tilting-mirror-type infrared heating image furnace. Physica C: Superconductivity and Its Applications, 2012, 472, 87-91. | 0.6 | 5 |
| 96 | Ce 4f electronic states of CeO _{1-x} F _x BiS ₂ studied by soft x-ray photoemission spectroscopy. Physical Review B, 2017, 95, . | 1.1 | 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. | 0.7 | 5 |
| 98 | Crystal Growth Techniques for Layered Superconductors. Condensed Matter, 2017, 2, 32. | 0.8 | 5 |
| 99 | Growth and characterization of (La,Ce)OBiS ₂ single crystals. Japanese Journal of Applied Physics, 2019, 58, 063001. | 0.8 | 5 |
| 100 | Growth and transport properties under high pressure of PrOBiS ₂ single crystals. Solid State Communications, 2019, 296, 17-20. | 0.9 | 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. | 0.9 | 5 |
| 102 | THz emission from a Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$ cross-whisker junction. Applied Physics Express, 2021, 14, 033003. | 1.1 | 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. | 0.6 | 4 |
| 104 | Growth of Nd-doped YVO ₄ single crystals along \hat{c} -tetra by the anisotropic heating floating zone method. Journal of Crystal Growth, 2009, 311, 4535-4537. | 0.7 | 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. | 1.0 | 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. | 1.3 | 4 |
| 107 | Bulk sensitive angle-resolved photoelectron spectroscopy on Nd(O,F)BiS ₂ . Journal of Physics: Conference Series, 2016, 683, 012003. | 0.3 | 4 |
| 108 | Temperature, doping, and polarization effects on Bi _{6p} and S _{3p} states in the BiS ₂ -layered superconductor LaO _{1-x} F _x BiS ₂ . Physical Review B, 2016, 94, . | 1.1 | 4 |

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|-----|---|-----|-----------|
| 109 | Determination of the phase relation of a $\text{Li La}_{1-x}\text{NbO}_3$ system by the slow cooling floating zone method. <i>Journal of Crystal Growth</i> , 2019, 507, 251-254. | 0.7 | 4 |
| 110 | Lithium-ionic conductivity of $\text{Li La}_{1-x}\text{NbO}_3$ single crystals grown by the TSFZ method. <i>Solid State Ionics</i> , 2020, 350, 115330. | 1.3 | 4 |
| 111 | Kinetic Control of the $\text{Li}_{0.9}\text{Mn}_{1.6}\text{Ni}_{0.4}\text{O}_4$ Spinel Structure with Enhanced Electrochemical Performance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 14056-14067. | 4.0 | 4 |
| 112 | Fabrication of BiFeO_3 Thick Films by a Simple Liquid-Phase Epitaxial Growth Technique. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 237-239. | 0.8 | 3 |
| 113 | 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 |
| 114 | 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 |
| 115 | Growth and superconducting properties of Cd-doped $\text{La}(\text{O},\text{F})\text{BiS}_2$ single crystals. <i>Solid State Communications</i> , 2017, 261, 32-36. | 0.9 | 3 |
| 116 | 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 |
| 117 | A New Growth Technique of Ca-Free $\text{Y}_1\text{Ba}_2\text{Cu}_3\text{O}_x$ Single-Crystal Whiskers Using Antimony-Doped Precursors. <i>IEEE Transactions on Applied Superconductivity</i> , 2005, 15, 3169-3171. | 1.1 | 2 |
| 118 | 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 |
| 119 | Growth of superconducting single-crystalline $(\text{Lu},\text{Ca})\text{Ba}_2\text{Cu}_3\text{O}_7$ whiskers. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 965-966. | 0.6 | 2 |
| 120 | Singular ring-shaped distribution of Nd in $\text{Nd}_x\text{Y}_{1-x}\text{VO}_4$ crystals grown by floating zone method. <i>Crystal Research and Technology</i> , 2010, 45, 692-696. | 0.6 | 2 |
| 121 | Growth of $\text{Cu}(\text{In},\text{Ga})\text{S}_2$ single crystals using CsCl flux. <i>Journal of Crystal Growth</i> , 2015, 412, 16-19. | 0.7 | 2 |
| 122 | Synthesis of $\text{LaO}_{0.5}\text{F}_{0.5}\text{BiS}_2$ nanosheets by ultrasonification. <i>Journal of Asian Ceramic Societies</i> , 2017, 5, 183-185. | 1.0 | 2 |
| 123 | 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 |
| 124 | Manifestation of hopping conductivity and granularity within phase diagrams of $\text{LaO}_{1-x}\text{F}_x\text{BiS}_2$, $\text{Sr}_{1-x}\text{La}_x\text{FBiS}_2$ and related BiS_2 -based compounds. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 355702. | 0.7 | 1 |
| 125 | Position effects of mirror lamp system on the growth of rutile crystal based on the infrared convergent-heating floating zone method. <i>Journal of Crystal Growth</i> , 2018, 496-497, 69-73. | 0.7 | 1 |
| 126 | Fluorine solubility and superconducting properties of $\text{Sm}(\text{O},\text{F})\text{BiS}_2$ single crystals. <i>Journal of Alloys and Compounds</i> , 2021, 883, 160812. | 2.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | The Local Structure of the BiS ₂ Layer in RE(O,F)BiS ₂ Determined by In-Plane Polarized X-ray Absorption Measurements. <i>Physchem</i> , 2021, 1, 250-258. | 0.5 | 1 |
| 128 | Growth and characterization of Bi ₂ Sr ₂ Ca _{1-x} Y _x Cu ₂ O _{8+δ} single-crystal whiskers. <i>Japanese Journal of Applied Physics</i> , 2022, 61, 063001. | 0.8 | 1 |
| 129 | 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 |
| 130 | Electronic Structures of Heavily Boron-doped Superconducting Diamond Films. <i>Materials Research Society Symposia Proceedings</i> , 2006, 956, 1. | 0.1 | 0 |
| 131 | Current-dependent flux-flow resistance and resonant current steps in BSCCO intrinsic Josephson junctions. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 438-441. | 1.9 | 0 |
| 132 | Sub-Terahertz spectroscopy of superconducting diamond. , 2006, , . | | 0 |
| 133 | Ishizaka <i>et al.</i> Reply: <i>Physical Review Letters</i> , 2009, 102, . | 2.9 | 0 |
| 134 | La ₂₁₄ phase single crystal whiskers. <i>Journal of Physics: Conference Series</i> , 2009, 150, 052193. | 0.3 | 0 |
| 135 | Growth of Ba ₃ In ₄ Cu ₃ O ₁₂ single-crystal whiskers. <i>Journal of Crystal Growth</i> , 2012, 346, 61-63. | 0.7 | 0 |
| 136 | Correction to Structure, Superconductivity, and Magnetism of Ce(O,F)BiS ₂ Single Crystals. <i>Crystal Growth and Design</i> , 2016, 16, 2459-2459. | 1.4 | 0 |
| 137 | Cd additive effect on self-flux growth of Cs-intercalated NbS ₂ superconducting single crystals. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2021, . | 0.3 | 0 |
| 138 | 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 |
| 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)OBiS ₂ Single Crystals. <i>Materials</i> , 2022, 15, 2977. | 1.3 | 0 |