

Ichiro Terasaki

List of Publications by Year in descending order

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343
papers

12,096
citations

53751

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31818

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353
all docs

353
docs citations

353
times ranked

7380
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Large thermoelectric power in NaCo ₂ O ₄ single crystals. Physical Review B, 1997, 56, R12685-R12687. | 1.1 | 2,596 |
| 2 | Observation of the spin-Peierls transition in linear Cu ²⁺ (spin-1/2) chains in an inorganic compound CuGeO ₃ . Physical Review Letters, 1993, 70, 3651-3654. | 2.9 | 1,439 |
| 3 | Distinct Fermi-Momentum-Dependent Energy Gaps in Deeply Underdoped Bi ₂ 212. Science, 2006, 314, 1910-1913. | 6.0 | 337 |
| 4 | Complex Oxide Materials for Potential Thermoelectric Applications. MRS Bulletin, 2006, 31, 206-210. | 1.7 | 327 |
| 5 | Effects of substitution of Zn for Cu in the spin-Peierls cuprate, CuGeO ₃ : The suppression of the spin-Peierls transition and the occurrence of a new spin-glass state. Physical Review Letters, 1993, 71, 4059-4062. | 2.9 | 299 |
| 6 | An oxide thermal rectifier. Applied Physics Letters, 2009, 95, . | 1.5 | 271 |
| 7 | Magnetic phase diagram of the spin-Peierls cuprate CuGeO ₃ . Physical Review B, 1993, 48, 9616-9619. | 1.1 | 197 |
| 8 | An organic thyristor. Nature, 2005, 437, 522-524. | 13.7 | 194 |
| 9 | Unconventional magnetic transition and transport behavior in Na _{0.75} CoO ₂ . Physical Review B, 2003, 67, . | 1.1 | 189 |
| 10 | Specific-heat evidence for strong electron correlations in the thermoelectric material (Na,Ca)Co ₂ O ₄ . Physical Review B, 1999, 60, 10580-10583. | 1.1 | 172 |
| 11 | Low thermal conductivity of the layered oxide (Na,Ca)Co ₂ O ₄ : Another example of a phonon glass and an electron crystal. Physical Review B, 2000, 61, 12551-12555. | 1.1 | 162 |
| 12 | Anomalous dielectric response in the dimer Mott insulator $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$ | | |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Impurity-induced transition and impurity-enhanced thermopower in the thermoelectric oxide $\text{NaCo}_2\text{As}_x\text{Cu}_x\text{O}_4$. <i>Physical Review B</i> , 2002, 65, . | 1.1 | 85 |
| 20 | Transport properties and electronic states of the thermoelectric oxide NaCo_2O_4 . <i>Physica B: Condensed Matter</i> , 2003, 328, 63-67. | 1.3 | 85 |
| 21 | The optical study of the doping effect in single-crystal $\text{Bi}_2\text{Sr}_2(\text{Ca}, \text{A})\text{Cu}_2\text{O}_{8+x}$ ($\text{A}=\text{Y or Nd}$). <i>Physica C: Superconductivity and Its Applications</i> , 1990, 165, 152-160. | 0.6 | 81 |
| 22 | Spin-liquid-like state in a spin-1/2 square-lattice antiferromagnet perovskite induced by $d_{10}\hat{e}d_0$ cation mixing. <i>Nature Communications</i> , 2018, 9, 1085. | 5.8 | 81 |
| 23 | Thermal conductivity of the thermoelectric layered cobalt oxides measured by the Harman method. <i>Journal of Applied Physics</i> , 2004, 96, 931-933. | 1.1 | 80 |
| 24 | Large Dielectric Constant and Giant Nonlinear Conduction in the Organic Conductor $\hat{I}_2(\text{BEDT-TTF})_2\text{CsZn}(\text{SCN})_4$. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 3364-3369. | 0.7 | 78 |
| 25 | Effects of next-nearest-neighbor hopping t^2 on the electronic structure of cuprate superconductors. <i>Physical Review B</i> , 2004, 70, . | 1.1 | 74 |
| 26 | Optical study of c-axis charge dynamics in $\text{YBa}_2\text{Cu}_3\text{O}_y$: nnCarrier self-confinement in the normal and the superconducting states. <i>Physical Review B</i> , 1997, 55, 6051-6060. | 1.1 | 73 |
| 27 | The giant anomalous Hall effect in the ferromagnet Fe_3Sn_2 a frustrated kagome metal. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 112205. | 0.7 | 72 |
| 28 | Thermoelectric characteristics of $(\text{Zn}, \text{Al})\text{O}/\text{hydroquinone}$ superlattices. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13619. | 5.2 | 68 |
| 29 | Impurity effects on the superconducting coherence length in Zn- or Ni-doped $\text{YBa}_2\text{Cu}_3\text{O}_{6.9}$ single crystals. <i>Physical Review B</i> , 1999, 60, 114-117. | 1.1 | 63 |
| 30 | Oxygen nonstoichiometry and cobalt valence in misfit-layered cobalt oxides. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3149-3155. | 1.4 | 62 |
| 31 | X-ray absorption study of layered Co oxides with a Co-O triangular lattice. <i>Physical Review B</i> , 2005, 71, . | 1.1 | 57 |
| 32 | Nanostructuring and more. <i>Nature Materials</i> , 2008, 7, 616-617. | 13.3 | 55 |
| 33 | Colossal Seebeck effect enhanced by quasi-ballistic phonons dragging massive electrons in FeSb_2 . <i>Nature Communications</i> , 2016, 7, 12732. | 5.8 | 55 |
| 34 | Low-temperature magnetotransport of the narrow-gap semiconductor FeSb_2 . <i>Physical Review B</i> , 2011, 84, . | 1.1 | 54 |
| 35 | Large In-Plane Anisotropy on Resistivity and Thermopower in the Misfit Layered Oxide $\text{Bi}_{2-x}\text{Pb}_x\text{Sr}_2\text{Co}_2\text{O}_y$. <i>Japanese Journal of Applied Physics</i> , 2002, 41, L783-L786. | 0.8 | 53 |
| 36 | Physical Properties of Bi-Based Rhodium Oxides with RhO_2 Hexagonal Layers. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 1834-1837. | 0.8 | 53 |

| # | ARTICLE | IF | CITATIONS |
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| 37 | Current-Induced Gap Suppression in the Mott Insulator CaRuO_4 . Journal of the Physical Society of Japan, 2013, 82, 103702. | 0.7 | 53 |
| 38 | Pressure/temperature/substitution-induced melting of A-site charge disproportionation in $\text{Bi}_{1-x}\text{La}_x\text{NiO}_3$ ($0 \leq x \leq 0.5$). Physical Review B, 2005, 72, . | 1.1 | 51 |
| 39 | Thermoelectric Properties of $\text{NaCo}_{2-x}\text{Cu}_x\text{O}_4$ Improved by the Substitution of Cu for Co. Japanese Journal of Applied Physics, 2001, 40, L65-L67. | 0.8 | 50 |
| 40 | Thermoelectric Properties of Sintered and Textured Nd-Substituted $\text{Ca}_3\text{Co}_4\text{O}_9$ Ceramics. Japanese Journal of Applied Physics, 2007, 46, 6533. | 0.8 | 50 |
| 41 | Doping dependence of anisotropic resistivities in the trilayered superconductor $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+\delta}$. Physical Review B, 2002, 66, . | 1.1 | 49 |
| 42 | Low-temperature charge transport in $\text{PrBa}_2\text{Cu}_4\text{O}_8$: Electronic states of the doped Cu-O chain. Physical Review B, 1996, 54, 11993-11996. | 1.1 | 48 |
| 43 | Cobalt Oxides and Kondo Semiconductors: A Pseudogap System as a Thermoelectric Material. Materials Transactions, 2001, 42, 951-955. | 0.4 | 48 |
| 44 | Transport properties of the delafossite Rh oxide $\text{Cu}_{1-x}\text{Ag}_x\text{Rh}_1\text{Mg}_y\text{O}_2$: Effect of Mg substitution on the resistivity and Hall coefficient. Physical Review B, 2006, 74, . | 1.1 | 47 |
| 45 | Unusual impurity effects on the dielectric properties of $\text{CaCu}_3\text{MnTi}_4\text{O}_{12}$. Physica B: Condensed Matter, 2003, 329-333, 771-772. | 1.3 | 45 |
| 46 | Thermal Rectification in the Vicinity of a Structural Phase Transition. Applied Physics Express, 2012, 5, 027302. | 1.1 | 45 |
| 47 | Optical reflectivity spectra of single-crystal $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{2n+4+x}$ ($n=1$ and 2). Physical Review B, 1990, 41, 865-868. | 1.1 | 44 |
| 48 | In-plane anisotropy of vortex-lattice melting in large $\text{YBa}_2\text{Cu}_3\text{O}_7$ single crystals. Physical Review B, 1998, 58, 5222-5225. | 1.1 | 44 |
| 49 | Novel thermoelectric properties of complex transition-metal oxides. Dalton Transactions, 2010, 39, 1005-1011. | 1.6 | 44 |
| 50 | High-temperature oxide thermoelectrics. Journal of Applied Physics, 2011, 110, . | 1.1 | 43 |
| 51 | Chemical potential shift in lightly doped to overdoped $\text{Bi}_2\text{Sr}_2\text{Ca}_{1-x}\text{R}_x\text{Cu}_2\text{O}_{8+y}$ ($\text{R}=\text{Pr}, \text{Er}$). Physical Review B, 2003, 67, . | 1.1 | 42 |
| 52 | Electronic structure of $\text{CaCu}_3\text{Ru}_4\text{O}_{12}$ studied by x-ray photoemission spectroscopy. Physical Review B, 2006, 73, . | 1.1 | 42 |
| 53 | Multiferroic Behavior in the Quasi-One-Dimensional Frustrated Spin-1/2 System $\text{PbCuSO}_4(\text{OH})_2$ with CuO_2 Ribbon Chains. Journal of the Physical Society of Japan, 2011, 80, 033707. | 0.7 | 41 |
| 54 | Out-of-plane thermal conductivity of the layered thermoelectric oxide $\text{Bi}_2\text{Pb}_x\text{Sr}_2\text{Co}_2\text{O}_y$. Physical Review B, 2004, 70, . | 1.1 | 40 |

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|----|--|-----|-----------|
| 55 | Nano-Resolved Current-Induced Insulator-Metal Transition in the Mott Insulator $\text{CaMn}_2\text{P}_2\text{O}_{14}$. Physical Review X, 2019, 9, . | 2.8 | 40 |
| 56 | Field-induced spin-state transition in the perovskite cobalt oxide $\text{Sr}_{1-x}\text{Y}_x\text{CoO}_3$. Physical Review B, 2008, 78, . | 1.1 | 39 |
| 57 | Orbital Ordering of Intermediate-Spin State of Co^{3+} in $\text{Sr}_3\text{YCo}_4\text{O}_{10.5}$. Journal of the Physical Society of Japan, 2011, 80, 023711. | 0.7 | 39 |
| 58 | Structure-property relationship in the ordered-perovskite-related oxide $\text{Sr}_{3.12}\text{Er}_{0.88}\text{Co}_4\text{O}_{10.5}$. Physical Review B, 2007, 75, . | 1.1 | 38 |
| 59 | Spectroscopic study of the electronic states of single-crystal CuGeO_3 . Physical Review B, 1995, 52, 295-298. | 1.1 | 37 |
| 60 | Synthesis, Structure, and Physical Properties of <i>A</i> -site Ordered Perovskites $\text{A}_3\text{Cu}_3\text{Co}_4\text{O}_{12}$ (<i>A</i> = Ca and Y). Chemistry of Materials, 2010, 22, 5328-5332. | 3.2 | 37 |
| 61 | $S_{\text{square-lattice}}$ antiferromagnet | | |

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| 73 | Thermal Conductivity of A_xBO_2 -type Layered Oxides $Na_{0.77}MnO_2$ and $LiCoO_2$. Japanese Journal of Applied Physics, 2002, 41, 763-764. | 0.8 | 29 |
| 74 | Scaling behaviour of the in-plane thermopower in $Bi_2Sr_2RCu_2O_8$ ($R = Ca, Y, Pr, Dy$ and Er). Journal of Physics Condensed Matter, 2000, 12, 6199-6206. | 0.7 | 28 |
| 75 | Giant nonlinear conduction and thyristor-like negative differential resistance in $BaIrO_3$ single crystals. Physical Review B, 2006, 73, . | 1.1 | 28 |
| 76 | Disordered conduction in single-crystalline dimer Mott compounds. Physical Review B, 2013, 88, . | 1.1 | 28 |
| 77 | Photo-Seebeck effect in tetragonal PbO single crystals. Journal of Applied Physics, 2013, 114, 173710. | 1.1 | 28 |
| 78 | Spin State Control of the Perovskite Rh/Co Oxides. Materials, 2010, 3, 786-799. | 1.3 | 27 |
| 79 | Atomic layer deposition of Al-doped ZnO thin films. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2013, 31, . | 0.9 | 27 |
| 80 | Fabrication of λ -structured Bi - Te thermoelectric micro-device by electrodeposition. Electrochimica Acta, 2015, 153, 515-522. | 2.6 | 27 |
| 81 | Doping effects on the anisotropic magnetic susceptibility in single-crystal $La_{2-x}Sr_xCuO_4$. Physica C: Superconductivity and Its Applications, 1992, 193, 365-370. | 0.6 | 26 |
| 82 | Effect of substitution of Zn^{2+} for Cu^{2+} on the magnetic properties of $La_2Cu_{1-x}Zn_xO_4$ single crystals. Physica B: Condensed Matter, 1995, 205, 234-248. | 1.3 | 26 |
| 83 | Universality of the electronic structure from a half-filled CuO_2 plane. Physical Review B, 2003, 67, . | 1.1 | 25 |
| 84 | Optical study of the doping effect in the metallic oxide $(Nd,Sr)CoO_3$. Physical Review B, 1991, 43, 551-554. | 1.1 | 24 |
| 85 | Transport properties of the layered Rh oxide $K_{0.49}RhO_2$. Journal of Physics Condensed Matter, 2010, 22, 115603. | 0.7 | 24 |
| 86 | Transport Properties of Misfit-Layered Cobalt Oxide $[Sr_2O_2\hat{c}]_{0.53}CoO_2$. Journal of the Physical Society of Japan, 2006, 75, 104716. | 0.7 | 23 |
| 87 | High-Temperature Metallic State of Room-Temperature Ferromagnet $Sr_{1-x}Y_xCoO_3\hat{c}$. Journal of the Physical Society of Japan, 2006, 75, 103702. | 0.7 | 23 |
| 88 | Bulk-sensitive photoemission study of $ACu_3Ru_4O_{12}$ ($A=Ca, Na,$ and La) with heavy-fermion behavior. Physical Review B, 2009, 80, . | 1.1 | 23 |
| 89 | Nonlinear dynamics of conduction electrons in organic conductors. Physical Review B, 2009, 79, . | 1.1 | 23 |
| 90 | Chemical and Physical Pressure Effects on the Magnetic and Transport Properties of the A-Site Ordered Perovskite $Sr_{3-x}YCo_4O_{10.5}$. Journal of the Physical Society of Japan, 2009, 78, 094711. | 0.7 | 23 |

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| 91 | Thermoelectric module made of perovskite cobalt oxides with large thermopower. Journal of Applied Physics, 2011, 110. Antiferromagnetic order and consequences on the transport properties of Ba | 1.1 | 23 |
| 92 | Antiferromagnetic order and consequences on the transport properties of Ba | 1.1 | 23 |
| 93 | Research Update: Oxide thermoelectrics: Beyond the conventional design rules. APL Materials, 2016, 4, . | 2.2 | 23 |
| 94 | Metal-insulator transition in $\text{Ca}_{1-x}\text{Li}_x\text{Pd}_3\text{O}_4$. Physical Review B, 2003, 68, . | 1.1 | 22 |
| 95 | Thermoelectric Properties of Oxygen-Tuned ALD-Grown $[\text{Ca}_{2-x}\text{CoO}_3]_{0.62}[\text{CoO}_2]$ Thin Films. Chemistry of Materials, 2010, 22, 5900-5904. | 3.2 | 22 |
| 96 | Improper Ferroelectricity in Stuffed Aluminate Sodalites for Pyroelectric Energy Harvesting. Physical Review Applied, 2017, 7, . | 1.5 | 22 |
| 97 | Thin film growth of layered cobalt oxide $\text{Bi}_2\text{Sr}_3\text{Co}_2\text{O}_9$ nearly isomorphic to $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ superconductors. Journal of Applied Physics, 1994, 76, 1317-1319. | 1.1 | 21 |
| 98 | Effect of Impurity on Magnetic Phase of Spin-Peierls System; Magnetization of $\text{Cu}_{1-x}\text{Zn}_x\text{GeO}_3$. Journal of the Physical Society of Japan, 1996, 65, 273-279. | 0.7 | 21 |
| 99 | Negative Thermoelectric Power Induced by Positive Carriers in $\text{CaMn}_{3-x}\text{Cu}_x\text{Mn}_4\text{O}_{12}$. Journal of the Physical Society of Japan, 2004, 73, 523-525. | 0.7 | 21 |
| 100 | Heat Capacity in an Inorganic Spin-Peierls System CuGeO_3 . Journal of the Physical Society of Japan, 1994, 63, 365-366. | 0.7 | 21 |
| 101 | Kosterlitz-Thouless transitions in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ thin films associated with vortex-string pairing. Physical Review B, 1994, 50, 3363-3373. | 1.1 | 20 |
| 102 | Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family. Journal of the Physical Society of Japan, 2010, 79, 044606. | 0.7 | 20 |
| 103 | Nonequilibrium Peierls Transition. Progress of Theoretical Physics, 2009, 121, 1289-1319. | 2.0 | 19 |
| 104 | Photo-induced change of dielectric response in BaCoSiO_4 stuffed tridymite. Journal of Applied Physics, 2014, 115, . | 1.1 | 19 |
| 105 | Weak Ferroelectricity in $n = 2$ Pseudo Ruddlesden-Popper-Type Niobate $\text{Li}_2\text{SrNb}_2\text{O}_7$. Chemistry of Materials, 2019, 31, 6257-6261. | 3.2 | 19 |
| 106 | Superconducting Films of $\text{YBa}_2\text{Cu}_3\text{O}_x$ and Bi-Sr-Ca-Cu-O Fabricated by Electron-Beam Deposition with a Single Source. Japanese Journal of Applied Physics, 1988, 27, L1480-L1483. | 0.8 | 18 |
| 107 | Weak Ferromagnetism in $\text{LaCo}_{1-x}\text{Rh}_x\text{O}_3$: Anomalous Magnetism Emerging between Two Nonmagnetic End Phases. Journal of the Physical Society of Japan, 2011, 80, 04705. | 0.7 | 18 |
| 108 | Effects of ppm-Level Imperfection on the Transport Properties of FeSb_2 Single Crystals. Journal of the Physical Society of Japan, 2011, 80, 054708. | 0.7 | 18 |

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| 109 | Electron doping of ALD-grown ZnO thin films through Al and P substitutions. Journal of Materials Science, 2013, 48, 2806-2811. | 1.7 | 18 |
| 110 | Search for non-equilibrium thermoelectrics. Scripta Materialia, 2016, 111, 23-28. | 2.6 | 18 |
| 111 | Broadening of the resistive transition investigated by the conductance-fluctuation measurement. Physica B: Condensed Matter, 1990, 165-166, 1363-1364. | 1.3 | 17 |
| 112 | Optical reflectivity of single-crystal $\text{Bi}_2\text{M}_3\text{Co}_2\text{O}_9$ (M=Ca, Sr, and Ba) from the infrared to the vacuum-ultraviolet region. Physical Review B, 1993, 47, 451-456. | 1.1 | 17 |
| 113 | Linear ac magnetic response near the vortex-glass transition in single-crystalline $\text{YBa}_2\text{Cu}_3\text{O}_7$. Physical Review B, 1994, 50, 9680-9683. | 1.1 | 17 |
| 114 | Out-of-plane transport in thick single-crystal $\text{YBa}_2\text{Cu}_3\text{O}_7$. Physica C: Superconductivity and Its Applications, 1994, 235-240, 1413-1414. | 0.6 | 17 |
| 115 | Giant nonlinear conduction from inhomogeneous charge order in rapidly cooled $(\text{BEDT-TTF})_2\text{RbZn}(\text{SCN})_4$. Physical Review B, 2009, 79, . | 1.1 | 17 |
| 116 | Magnetic and transport properties of the spin-state disordered oxide $\text{La}_{0.8}\text{Sr}_{0.2}\text{Co}_{1-x}\text{Rh}_x\text{O}_3$. Physical Review B, 2011, 83, . | 1.1 | 17 |
| 117 | Photo-Seebeck effect in ZnS. Japanese Journal of Applied Physics, 2015, 54, 031203. | 0.8 | 17 |
| 118 | Origin of low-temperature residual absorption in $\text{YBa}_2\text{Cu}_3\text{O}_y$. Solid State Communications, 1995, 94, 293-297. | 0.9 | 16 |
| 119 | Thermoelectric Properties of the Brownmillerite Oxide $\text{Ca}_{2-y}\text{La}_y\text{Co}_2\text{-xAl}_x\text{O}_5$. Japanese Journal of Applied Physics, 2002, 41, 3025-3028. | 0.8 | 16 |
| 120 | Crystal Structure of Thermoelectric Compound $[\text{Bi}_{1.79}\text{Sr}_{1.98}\text{O}_y]_{0.63}[\text{RhO}_2]$. Japanese Journal of Applied Physics, 2005, 44, 8557-8561. | 0.8 | 16 |
| 121 | Thermoelectric Properties of Layered Pd Oxide R_2PdO_4 (R = La, Nd, Sm, and Gd). Journal of the Physical Society of Japan, 2006, 75, 024705. | 0.7 | 16 |
| 122 | Dielectric constant and ac conductivity of the layered cobalt oxide $\text{Bi}_2\text{Sr}_2\text{Co}_2\text{O}_{10}$. Physical Review B, 2011, 84, . | 1.1 | 16 |
| 123 | Current-Density Dependence of the Charge-Ordering Gap in the Organic Salt $(\text{BEDT-TTF})_2\text{CsM}(\text{SCN})_4$ (M=Zn, Co, and Tj). Physical Review B, 2011, 84, . | 1.1 | 16 |
| 124 | Optical study of the electronic structure and correlation effects in K_2RhO_6 . Physical Review B, 2011, 84, . | 1.1 | 16 |
| 125 | quasi-one-dimensional SrNbO_3 . Physical Review B, 2011, 84, . | 1.1 | 16 |
| 126 | High-temperature thermoelectric properties of the double-perovskite ruthenium oxide $(\text{Sr}_{1-x}\text{La}_x)_2\text{ErRuO}_6$. Journal of Applied Physics, 2012, 112, 073714. | 1.1 | 16 |

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| 127 | Phase Transition from Weak Ferroelectricity to Incipient Ferroelectricity in $\text{Li}_{2-x}\text{Sr}(\text{Nb}_{1-x}\text{Ta}_x)_2\text{O}_7$. Chemistry of Materials, 2020, 32, 744-750. | 3.2 | 16 |
| 128 | Pressure effects on anisotropic resistivity in detwinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$: Unconventional carrier doping. Physical Review B, 1999, 60, R15035-R15038. | 1.1 | 15 |
| 129 | Anomalous Pd substitution effects in the thermoelectric oxide $\text{NaCo}_2\text{PdxO}_4$. Journal of Physics Condensed Matter, 2002, 14, 12495-12501. | 0.7 | 15 |
| 130 | Current-Induced Metallic State in an Organic $(\text{EDT-TSF})_2\text{GaCl}_4$ Conductor. Journal of the American Chemical Society, 2006, 128, 9006-9007. | 6.6 | 15 |
| 131 | Transport properties of the thermoelectric layered cobalt oxide PbSrCoO single crystals. Applied Physics Letters, 2006, 89, 072109. | 1.5 | 15 |
| 132 | Origin of colossal dielectric response of $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ studied by using CaTiO_3 - $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ - CaTiO_3 multilayer thin films. Applied Physics Letters, 2007, 90, 242904. | 1.5 | 15 |
| 133 | Transport Properties and Cationic Substitutions in Sr_2IrO_4 . Journal of Electronic Materials, 2009, 38, 1331-1336. | 1.0 | 15 |
| 134 | Magnetic field induced ferroelectric transition of quasi one-dimensional frustrated quantum spin chain system $\text{Rb}_2\text{Cu}_2\text{Mo}_3\text{O}_{12}$. Journal of Applied Physics, 2013, 113, 17D910. | 1.1 | 15 |
| 135 | Anomalous thickness-dependent optical energy gap of ALD-grown ultra-thin CuO films. Journal of Physics Condensed Matter, 2016, 28, 475801. | 0.7 | 15 |
| 136 | Heterovalent Pb-substitution in ferroelectric bismuth silicate Bi_2SiO_5 . Journal of Materials Chemistry C, 2016, 4, 3168-3174. | 2.7 | 15 |
| 137 | Absence of Magnetic Long Range Order in $\text{Ba}_3\text{ZnRu}_2\text{O}_9$: A Spin-Liquid Candidate in the $S = 3/2$ Dimer Lattice. Journal of the Physical Society of Japan, 2017, 86, 033702. | 0.7 | 15 |
| 138 | Photo-induced persistent enhancement of dielectric permittivity in $\text{Zn}:\text{BaAl}_2\text{O}_4$. Applied Physics Letters, 2017, 111, . | 1.5 | 15 |
| 139 | Optical study of $\text{Bi}_2\text{Sr}_2\text{Ca}_{n-1}\text{Cu}_n\text{O}_{4+2n}$ "Doping effects, n-dependence of the spectra and characteristics of the CuO_2 plane. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1017-1018. | 0.6 | 14 |
| 140 | Thermoelectric properties of $\text{Sr}_{1-x}\text{La}_x\text{PbO}_3$ ($x \leq 0.02$). Journal of Physics Condensed Matter, 1999, 11, 5577-5582. | 0.7 | 14 |
| 141 | Introduction to thermoelectricity. , 2005, , 339-357. | | 14 |
| 142 | Crystal Structure of Misfit-Layered Compound $[\text{Bi}_{1.94}\text{Ba}_{1.83}\text{O}_y]_{0.56}[\text{RhO}_2]$. Japanese Journal of Applied Physics, 2006, 45, 179-185. | 0.8 | 14 |
| 143 | Unconventional critical behavior in the weak ferromagnet BaIrO_3 . Europhysics Letters, 2008, 84, 27004. | 0.7 | 14 |
| 144 | Thermal Conductivity and Thermoelectric Power of Semiconductors. , 2011, , 326-358. | | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|----|-----------|
| 145 | <p>ic anomaly in the quasi-one-dimensional frustrated spin-$\frac{1}{2}$ system</p> | | |



| # | ARTICLE | IF | CITATIONS |
|-----|---|--------|-----------|
| 181 | Novel Charge Ordering in the Trimer Iridium Oxide BaIrO ₃ . Crystals, 2016, 6, 27. | 1.0 | 10 |
| 182 | Anisotropic susceptibility in the normal state and superconducting fluctuation-induced diamagnetism of single-crystal La _{2-x} Sr _x CuO ₄ . Physica C: Superconductivity and Its Applications, 1991, 185-189, 1855-1856. | 0.6 | 9 |
| 183 | Thermoelectric Device of Na(Co, Cu) ₂ O ₄ and (Ba, Sr)PbO ₃ . Journal of the Ceramic Society of Japan, 2002, 110, 727-730. | 1.3 | 9 |
| 184 | Thermoelectric properties of LaRh _{1-x} Ni _x O ₃ . Journal of Physics Condensed Matter, 2009, 21, 115501. | 0.7 | 9 |
| 185 | Thermal Conductivity and Dimensionless Figure of Merit of Thermoelectric Rhodium Oxides Measured by a Modified Harman Method. Journal of Electronic Materials, 2009, 38, 964-967. | 1.0 | 9 |
| 186 | A Trial Thermal Rectifier. Journal of Electronic Materials, 2010, 39, 1488-1492. | 1.0 | 9 |
| 187 | Low Temperature Magnetic Properties of Frustrated Quantum Spin Chain System Rb ₂ Cu ₂ Mo ₃ O ₁₂ . , 2014, , . | | 9 |
| 188 | Rapid synthesis of thermoelectric compounds by laser melting. Materials and Design, 2016, 106, 30-36. | 3.3 | 9 |
| 189 | Comparison With Ground States of Frustrated Quantum Spin Chain Systems A ₂ Cu ₂ Mo ₃ O ₁₂ (A = Rb and Tl). Journal of Applied Physics, 2017, 121, 074101. | 0.7843 | 9 |
| 190 | Microstructure and optical properties of ultra-thin NiO films grown by atomic layer deposition. Semiconductor Science and Technology, 2018, 33, 115015. | 1.0 | 9 |
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