

# Koshi Takenaka

## List of Publications by Year in descending order

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| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Structural phase transition and negative thermal expansion in $\text{Cu}_{1.8}\text{Zn}_{0.2}\text{V}_2\text{P}_7\text{O}_{28}$ solid solutions. Applied Physics Express, 2022, 15, 025504.                 | 1.1 | 6         |
| 2  | Large Magnetic-Field-Induced Strain at the Spin-Reorientation Transition in A-Site Ordered Spinel Oxide $\text{LiFeCr}_4\text{O}_8$ . Journal of the Physical Society of Japan, 2022, 91, .                 | 0.7 | 3         |
| 3  | Effects of salt and gel network structures on purple membrane stacking in hydrogels immobilized with poly(vinyl alcohol). Journal of Applied Physics, 2021, 129, 014701.                                    | 1.1 | 1         |
| 4  | Giant Magneto-Volume and Magneto-Caloric Effects of Frustrated Antiferromagnet $\text{Mn}_3\text{GaN}$ under Hydrostatic Pressure. Journal of the Physical Society of Japan, 2021, 90, 044601.              | 0.7 | 10        |
| 5  | Large magnetic-field-induced strain at the magnetic order transition in triangular antiferromagnet $\text{AgCrS}_2$ . Applied Physics Letters, 2021, 118, .   | 1.5 | 7         |
| 6  | Fabrication of Metal Matrix Composite Containing Manganese Nitride Showing Giant Negative Thermal Expansion by Compressive Torsion Processing. Materials Transactions, 2021, 62, 590-595.                   | 0.4 | 5         |
| 7  | Superconductivity in $\text{Nb}_2\text{Pd}_3\text{Te}_5$ and Chemically-Doped $\text{Ta}_2\text{Pd}_3\text{Te}_5$ . Journal of the Physical Society of Japan, 2021, 90, 063705.                             | 0.7 | 12        |
| 8  | Pore Size Distributions Related with Spontaneous Purple Membrane Stacking in Porous Hydrogels. Journal of the Physical Society of Japan, 2021, 90, 103801.  | 0.7 | 0         |
| 9  | Giant negative thermal expansion of polycrystalline $\text{Ti}_2\text{O}_3$ induced by microstructural effects. Applied Physics Letters, 2021, 119, .   | 1.5 | 7         |
| 10 | Structural phase transition and giant negative thermal expansion in pyrophosphate $\text{Zn}_2\text{Mg}_2\text{P}_2\text{O}_7$ . Applied Physics Letters, 2021, 119, .                                      | 1.5 | 15        |
| 11 | Spray-dry synthesis of $\text{Cu}_{1.8}\text{Zn}_{0.2}\text{V}_2\text{O}_7$ ceramic fine particles showing giant negative thermal expansion. Journal of the American Ceramic Society, 2020, 103, 2757-2763. | 1.9 | 15        |
| 12 | Regular-triangle trimer and charge order preserving the Anderson condition in the pyrochlore structure of $\text{CsW}_2\text{O}_6$ . Nature Communications, 2020, 11, 3144.                                 | 5.8 | 15        |
| 13 | Thermal Expansion and Volume Magnetostriction in Breathing Pyrochlore Magnets $\text{LiAcr}_4\text{X}_8$ (A = Ga, Tj). $\text{ETQq1} \frac{1}{0.784314} \frac{\text{rgBT}}{\text{F}_2} / \text{Ov}$         | 0.7 | 12        |
| 14 | Electronic Properties of $\text{BaPtP}$ with a Noncentrosymmetric Cubic Crystal Structure. , 2020, , .  |     | 2         |
| 15 | Annealing effects on negative thermal expansion properties of ball-milled $\text{Cu}_{1.8}\text{Zn}_{0.2}\text{V}_2\text{O}_7$ fine particles. Ceramics International, 2020, 46, 27655-27659.               | 2.3 | 7         |
| 16 | Sol-gel synthesis of doped $\text{Cu}_2\text{V}_2\text{O}_7$ fine particles showing giant negative thermal expansion. AIP Advances, 2020, 10, .   | 0.6 | 12        |
| 17 | High-mobility carriers induced by chemical doping in the candidate nodal-line semimetal $\text{CaAgP}$ . Physical Review B, 2020, 102, .  | 1.1 | 11        |
| 18 | Annealing effect on local structure and negative thermal expansion of antiperovskite manganese nitride fine particles. Applied Physics Express, 2020, 13, 075501.   | 1.1 | 6         |

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|----|--|-----|-----------|
| 19 | Real spin and pseudospin topologies in the noncentrosymmetric topological nodal-line semimetal CaAgAs. <i>Physical Review B</i> , 2020, 101, .   | 1.1 | 11        |
| 20 | Magnetization process of the breathing pyrochlore magnet $\text{CuInCr}_4\text{S}_8$ in ultrahigh magnetic fields up to 150 T. <i>Physical Review B</i> , 2020, 101, .   | 1.1 | 16        |
| 21 | Negative Thermal Expansion of $\text{Cu}_{1.8}\text{Zn}_{0.2}\text{V}_2\text{O}_7$ Ceramic Fine Particles Synthesized by a Spray-Drying Method. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2020, 84, 161-166.        | 0.2 | 3         |
| 22 | Electrical and Thermal Transport Properties of the $\text{CsW}_2\text{O}_6$ -Pyrochlore Oxide. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 124710.   | 0.7 | 3         |
| 23 | Large thermoelectric power factor in whisker crystals of solid solutions of the one-dimensional tellurides $\text{Ta}_4\text{SiTe}_4$ and $\text{Nb}_4\text{SiTe}_4$ . <i>Applied Physics Express</i> , 2020, 13, 125505.                            | 1.1 | 3         |
| 24 | Thermal Management of Advanced Electronic Devices by Negative Thermal Expansion Particulates. <i>Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2020, 67, 499-504.                                    | 0.1 | 0         |
| 25 | Hole-doped $\text{M}_4\text{SiTe}_4$ ( $\text{M} = \text{Ta, Nb}$ ) as an efficient $p$ -type thermoelectric material for low-temperature applications. <i>Applied Physics Letters</i> , 2019, 115, .  | 1.5 | 7         |
| 26 | Superconductivity in $\text{PtSbS}$ with a Noncentrosymmetric Cubic Crystal Structure. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 093709.   | 0.7 | 6         |
| 27 | Giant isotropic negative thermal expansion in Y-doped samarium monosulfides by intra-atomic charge transfer. <i>Scientific Reports</i> , 2019, 9, 122.   | 1.6 | 25        |
| 28 | Valence fluctuations and giant isotropic negative thermal expansion in $\text{SmR}_x\text{S}$ ( $\text{R} = \text{Y, La, Ce, Pr, Nd}$ ). <i>Applied Physics Letters</i> , 2019, 114, .   | 1.5 | 11        |
| 29 | Effects of Y substitution on the electronic structure and charge dynamics of $\text{SmS}$ . <i>Physical Review B</i> , 2019, 100, .  | 1.1 | 4         |
| 30 | Inverse analysis of giant macroscopic negative thermal expansion of $\text{Ca}_2\text{RuO}_4$ ceramics based on elasticity and structural topology optimization. <i>Applied Physics Express</i> , 2018, 11, 055801.                                  | 1.1 | 10        |
| 31 | Observation of Dirac-like energy band and ring-torus Fermi surface associated with the nodal line in topological insulator $\text{CaAgAs}$ . <i>Npj Quantum Materials</i> , 2018, 3, .   | 1.8 | 93        |
| 32 | Large thermoelectric power factor in one-dimensional telluride $\text{Nb}_4\text{SiTe}_4$ and substituted compounds. <i>Applied Physics Letters</i> , 2018, 112, .   | 1.5 | 6         |
| 33 | Magnetic and Structural Properties of A-Site Ordered Chromium Spinel Sulfides: Alternating Antiferromagnetic and Ferromagnetic Interactions in the Breathing Pyrochlore Lattice. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 034709. | 0.7 | 30        |
| 34 | Microstructural effects on negative thermal expansion extending over a wide temperature range in $\text{Cu}_{1.8}\text{Zn}_{0.2}\text{V}_2\text{O}_7$ . <i>Applied Physics Letters</i> , 2018, 113, .  | 1.5 | 35        |
| 35 | Progress of Research in Negative Thermal Expansion Materials: Paradigm Shift in the Control of Thermal Expansion. <i>Frontiers in Chemistry</i> , 2018, 6, 267.  | 1.8 | 148       |
| 36 | Extended operating temperature window of giant negative thermal expansion in Sn-doped $\text{Ca}_2\text{RuO}_4$ . <i>Applied Physics Letters</i> , 2018, 113, .  | 1.5 | 13        |

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|----|--|------|-----------|
| 37 | Colossal negative thermal expansion in reduced layered ruthenate. Nature Communications, 2017, 8, 14102.   | 5.8  | 154       |
| 38 | Large thermoelectric power factor at low temperatures in one-dimensional telluride Ta <sub>4</sub> SiTe <sub>4</sub> . Applied Physics Letters, 2017, 110, .   | 1.5  | 32        |
| 39 | Spontaneous stacking of purple membranes during immobilization with physical cross-linked poly(vinyl alcohol) hydrogel with retaining native-like functionality of bacteriorhodopsin. Journal of Applied Physics, 2017, 121, 204701. | 1.1  | 2         |
| 40 | Giant negative thermal expansion in Fe-doped layered ruthenate ceramics. Applied Physics Express, 2017, 10, 115501.  | 1.1  | 27        |
| 41 | Science and engineering of caloric phenomena related to itinerant-electron magnetism and spin fluctuations. Journal of Physics: Conference Series, 2017, 868, 012004.  | 0.3  | 1         |
| 42 | Hall effect measurements of high-quality $Mn_3CuN$ thin films and the electronic structure. Physical Review B, 2017, 96, .   | 1.1  | 7         |
| 43 | Local Structure in Mn <sub>3</sub> (Ge,Cu)N Revealed by Using Scanning/Transmission Electron Microscopy. Microscopy (Oxford, England), 2017, 66, i26-i26.  | 0.7  | 0         |
| 44 | Thermoelectric properties of antiperovskite calcium oxides Ca <sub>3</sub> PbO and Ca <sub>3</sub> SnO. Journal of Applied Physics, 2016, 119, .   | 1.1  | 53        |
| 45 | Synthesis and Superconducting Properties of a Hexagonal Phosphide ScRhP. Journal of the Physical Society of Japan, 2016, 85, 094706.   | 0.7  | 15        |
| 46 | Low Carrier Density Metal Realized in Candidate Line-Node Dirac Semimetals CaAgP and CaAgAs. Journal of the Physical Society of Japan, 2016, 85, 123701.   | 0.7  | 43        |
| 47 | Superconductivity in the Hexagonal Ternary Phosphide ScIrP. Journal of the Physical Society of Japan, 2016, 85, 013704.  | 0.7  | 31        |
| 48 | Application of Antiperovskite Manganese Nitride to Standard Resistor. IEEJ Transactions on Fundamentals and Materials, 2016, 136, 448-454.   | 0.2  | 1         |
| 49 | Matrix-filler interfaces and physical properties of metal matrix composites with negative thermal expansion manganese nitride. Journal of Applied Physics, 2015, 118, .  | 1.1  | 23        |
| 50 | Antiperovskite Manganese Nitride Standard Resistor. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1446-1450.   | 2.4  | 3         |
| 51 | Giant barocaloric effect enhanced by the frustration of the antiferromagnetic phase in Mn <sub>3</sub> GaN. Nature Materials, 2015, 14, 73-78.   | 13.3 | 226       |
| 52 | Manganese nitride compound standard resistor. , 2014, , .  |      | 1         |
| 53 | Magnetovolume effects in manganese nitrides with antiperovskite structure. Science and Technology of Advanced Materials, 2014, 15, 015009.   | 2.8  | 138       |
| 54 | Stripe-Induced High-Temperature Superconductivity in Cuprates. Journal of Superconductivity and Novel Magnetism, 2014, 27, 941-944.  | 0.8  | 1         |

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|----|--|-----|-----------|
| 55 | Thermal expansion adjustable polymer matrix composites with giant negative thermal expansion filler. Composites Science and Technology, 2014, 104, 47-51.  | 3.8 | 66        |
| 56 | Selective Raman Scattering Detection of the Dirac Node and the Anti-node of the Spin Density Wave Gap and Magnetic Excitations in BaFe <sub>2</sub> As <sub>2</sub> . Journal of Superconductivity and Novel Magnetism, 2013, 26, 1179-1183. | 0.8 | 4         |
| 57 | Sputter deposition and characterization of Mn <sub>3</sub> CuN thin films. Journal of Alloys and Compounds, 2013, 577, S314-S317.  | 2.8 | 9         |
| 58 | Ferromagnetic shape memory effects in tetragonally distorted antiperovskite manganese nitrides. Journal of Alloys and Compounds, 2013, 577, S291-S295.   | 2.8 | 11        |
| 59 | Superconducting pairing and the pseudogap in the nematic dynamical stripe phase of La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . Journal of Physics Condensed Matter, 2013, 25, 475701.   | 0.7 | 9         |
| 60 | Correlation between Raman sum and optical conductivity sum in La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4</sub> . Journal of Physics Condensed Matter, 2013, 25, 415701.  | 0.7 | 1         |
| 61 | Optimization of Mn <sub>3</sub> Ag <sub>1-x</sub> Cu <sub>x</sub> N Antiperovskite Compound Fabrication for Resistance Standard. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 1450-1453.                                  | 2.4 | 8         |
| 62 | Standard-resistor compounds with adjustable operating temperature. Applied Physics Letters, 2013, 103, 173518.   | 1.5 | 21        |
| 63 | Fabrication of Manganese Nitride Mn <sub>3</sub> CuN Thin Films by Ultrahigh-Field Sputtering and Their Characterization. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2013, 77, 80-84.                                | 0.2 | 0         |
| 64 | Fine-Grained Antiperovskite Manganese Nitrides with Negative Thermal Expansion for Thermal Expansion Control of Light Transmitting Plastics. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2013, 77, 415-418.           | 0.2 | 6         |
| 65 | Thermal Expansion Adjustable Metal Matrix Composites Containing Manganese Nitrides with Negative Thermal Expansion. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2013, 77, 75-79.                                      | 0.2 | 3         |
| 66 | Lattice and Magnetic and Electronic Transport Properties in Antiperovskite Compounds. Advances in Condensed Matter Physics, 2013, 2013, 1-2.   | 0.4 | 2         |
| 67 | Giant Field-Induced Distortion in Mn <sub>3</sub> SbN at Room Temperature. Japanese Journal of Applied Physics, 2012, 51, 043001.  | 0.8 | 4         |
| 68 | Phase instability of magnetic ground state in antiperovskite Mn <sub>3</sub> ZnN: Giant magnetovolume effects related to magnetic structure. Journal of Applied Physics, 2012, 111, .  | 1.1 | 15        |
| 69 | Effects of nitrogen deficiency on the magnetostructural properties of antiperovskite manganese nitrides. Journal of Applied Physics, 2012, 111, 07E314.  | 1.1 | 14        |
| 70 | Ferromagnetic microstructures in the ferromagnetic metallic phase of La <sub>0.825</sub> Sr <sub>0.175</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2012, 111, .   | 1.1 | 15        |
| 71 | Giant magnetostriction in tetragonally distorted antiperovskite manganese nitrides. Journal of Applied Physics, 2012, 111, .   | 1.1 | 22        |
| 72 | Antiperovskite compound standard resistor. , 2012, , .   |     | 2         |



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|-----|---|-----|-----------|
| 91  | Research and Development of 3d Multinary Functional Materials for Substitution of Rare and Toxic Elements. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2007, 71, 876-884.<br>$\text{Mn}_{3-x}\text{Cu}_x\text{Ge}$ | 1.1 | 43        |
| 92  | Magnetic structure and local lattice distortion in giant negative thermal expansion material $\text{Mn}_3\text{Cu}_{1-x}\text{Ge}_x\text{N}$ . Journal of Physics: Conference Series, 2010, 251, 012014.                                  | 0.3 | 4         |
| 93  | Epitaxial Growth of NdFeAsO Thin Films by Molecular Beam Epitaxy. Applied Physics Express, 2009, 2, 093002.   | 1.1 | 52        |
| 94  | Local structure anomaly around Ge dopants in $\text{Mn}_3\text{Cu}_{0.7}\text{Ge}_{0.3}\text{N}$ with negative thermal expansion. Applied Physics Letters, 2009, 94, 181904.  | 1.5 | 43        |
| 95  | Conversion of magnetic structure by slight dopants in geometrically frustrated antiperovskite $\text{Mn}_3\text{GaN}$ . Applied Physics Letters, 2009, 95, .  | 1.5 | 42        |
| 96  | Zero thermal expansion in a pure-form antiperovskite manganese nitride. Applied Physics Letters, 2009, 94, .  | 1.5 | 151       |
| 97  | Mechanical Properties of Metallic Perovskite $\text{Mn}_3\text{Cu}_{0.5}\text{Ge}_{0.5}\text{N}$ : High Stiffness Isotropic Negative Thermal Expansion Material. Journal of the American Ceramic Society, 2009, 92, 2999-3003.            | 1.9 | 63        |
| 98  | Magnetostriction in Antiperovskite Manganese Nitride $\text{Mn}_3\text{CuN}$ . Materia Japan, 2009, 48, 105-110.  | 0.1 | 0         |
| 99  | Ferromagnetic domain structures in Al-substituted $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . Transactions of the Materials Research Society of Japan, 2009, 34, 55-58.  | 0.2 | 1         |
| 100 | Effect of Ln-Site Disorder on T <sub>c</sub> of Oxypnictide Superconductor $\text{LnFeAsO}_{1-x}\text{Fx}$ (Ln=Nd, Ce, Gd, and La Dy). Journal of the Physical Society of Japan, 2009, 78, 073701.  | 0.7 | 6         |
| 101 | Local Lattice Distortion in the Giant Negative Thermal Expansion Material $\text{Mn}_3\text{Cu}_x\text{N}$ . Physical Review Letters, 2008, 101, 205901.  | 2.9 | 169       |
| 102 | Magnetostriction in $\text{Mn}_3\text{CuN}$ . Applied Physics Letters, 2008, 92, .  | 1.5 | 180       |
| 103 | Magneto-volume effect in $\text{Mn}_3\text{Cu}_x\text{Ge}_{1-x}\text{N}$ . Applied Physics Letters, 2008, 92, .   | 1.5 | 182       |
| 104 | Negative thermal expansion in Ge-free antiperovskite manganese nitrides: Tin-doping effect. Applied Physics Letters, 2008, 92, .  | 1.5 | 182       |
| 105 | Correlation-Driven Heavy-Fermion Formation in $\text{LiV}_2\text{O}_4$ . Physical Review Letters, 2007, 99, 167402.   | 2.9 | 45        |
| 106 | Takenaka et al. Reply. Physical Review Letters, 2007, 98, .   | 2.9 | 1         |
| 107 | Magnetic Structures and Magneto-volume Effects in $\text{Mn}_3\text{Cu}_{1-x}\text{Ge}_x\text{N}$ . Materials Research Society Symposia Proceedings, 2007, 1027, 1.   | 0.1 | 0         |
| 108 | Research and Development of 3d Multinary Functional Materials for Substitution of Rare and Toxic Elements. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2007, 71, 876-884.  | 0.2 | 1         |

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|-----|---|-----|-----------|
| 109 | Electric Resistivity and Phase Diagram Viewed from Charges in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Journal of the Physical Society of Japan, 2007, 76, 043710.                                | 0.7 | 2         |
| 110 | Observation of magnetic domain structures in. Journal of Magnetism and Magnetic Materials, 2007, 310, 782-784.  | 1.0 | 5         |
| 111 | Magnetovolume Effect and Negative Thermal Expansion in $\text{Mn}_3(\text{Cu}_{1-x}\text{Gex})\text{N}$ . Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2006, 70, 764-768.     | 0.2 | 6         |
| 112 | Magnetovolume Effect and Negative Thermal Expansion in $\text{Mn}_{3-x}\text{(Cu}_{1-x}\text{Ge}_x\text{)N}$ . Materials Transactions, 2006, 47, 471-474.   | 0.4 | 72        |
| 113 | Tomonaga's "Luttinger Liquid" Fermi Liquid Transition in Chain of $\text{PrBa}_2\text{Cu}_4\text{O}_8$ . Journal of the Physical Society of Japan, 2005, 74, 871-874.                               | 0.7 | 0         |
| 114 | The Phonon Modes with Strong Electron-Phonon Interactions in p- and n-Type High $T_c$ Superconductors. Journal of Superconductivity and Novel Magnetism, 2005, 18, 779-783.                         | 0.5 | 1         |
| 115 | Ferromagnetic microstructure in double exchange manganites. Microscopy (Oxford, England), 2005, 54, i65-i68.  | 0.7 | 6         |
| 116 | Collapse of Coherent Quasiparticle States in $\text{(BEDT-TTF)}_2\text{I}_3$ Observed by Optical Spectroscopy. Physical Review Letters, 2005, 95, 227801.   | 2.9 | 41        |
| 117 | Spectroscopic evidence for the low-temperature charge-separated state of $[\text{Pd}(\text{dmit})_2]$ salts. Chemical Physics Letters, 2005, 411, 133-137.  | 1.2 | 48        |
| 118 | Giant negative thermal expansion in Ge-doped anti-perovskite manganese nitrides. Applied Physics Letters, 2005, 87, 261902.   | 1.5 | 553       |
| 119 | Universality of the Mott-Ioffe-Regel limit in metals. Philosophical Magazine, 2004, 84, 2847-2864.  | 0.7 | 275       |
| 120 | Optical reflectivity study on magnetoresistive manganese perovskites: impurity effect on the ferromagnetic-metallic and charge-ordered states. Physica B: Condensed Matter, 2003, 329-333, 846-847. | 1.3 | 1         |
| 121 | Coherent-to-incoherent crossover in optical conductivity of bad-metallic $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Physica C: Superconductivity and Its Applications, 2003, 388-389, 311-312.      | 0.6 | 0         |
| 122 | Incoherent charge dynamics of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ : Dynamical localization and resistivity saturation. Physical Review B, 2003, 68, .  | 1.1 | 51        |
| 123 | Ferromagnetic Domain Structure in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ( $x=0.125$ ). Materials Transactions, 2003, 44, 2567-2569.  | 0.4 | 2         |
| 124 | Charge dynamics of a double-exchange ferromagnet $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ . Physical Review B, 2002, 65, .  | 1.1 | 32        |
| 125 | Coherent-to-incoherent crossover in the optical conductivity of $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ : Charge dynamics of a bad metal. Physical Review B, 2002, 65, .                           | 1.1 | 45        |
| 126 | Impurity effect on charge-ordered and ferromagnetic-metallic state in manganese perovskites: Comparison between Cr and Al doping. Journal of Applied Physics, 2002, 91, 2994-2997.                  | 1.1 | 8         |

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|-----|--|-----|-----------|
| 127 | Optical Reflectivity Spectra Measured on Cleaved Surfaces of Nd <sub>0.5</sub> Sr <sub>0.5</sub> MnO <sub>3</sub> . Journal of the Physical Society of Japan, 2002, 71, 3065-3068.   | 0.7 | 4         |
| 128 | Zn-substitution effect on the optical properties of PrBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> . Physica C: Superconductivity and Its Applications, 2002, 383, 227-231.  | 0.6 | 2         |
| 129 | Effect of oxygen annealing on the electrical properties of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> single crystals around the compositional metal-insulator transition. Physical Review B, 2001, 63, .  | 1.1 | 30        |
| 130 | Al-Substitution Effect on Resistivity in Paramagnetic Phase of La <sub>1-x</sub> Sr <sub>x</sub> CoO <sub>3</sub> : Comparison with Magnetoresistive La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Journal of the Physical Society of Japan, 2001, 70, 602-603. | 0.7 | 0         |
| 131 | Incoherent metallic state in a double-exchange ferromagnet: transport and optical properties of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Journal of Physics and Chemistry of Solids, 2001, 62, 313-315.  | 1.9 | 1         |
| 132 | Optical Reflectivity Study on Al-Substituted La <sub>0.825</sub> Sr <sub>0.175</sub> MnO <sub>3</sub> : Unconventional Localization State Induced by Vacancies in the Ferromagnetic Kondo Lattice. Journal of the Physical Society of Japan, 2001, 70, 1896-1899.      | 0.7 | 9         |
| 133 | Anisotropic optical spectra of BaCo <sub>1-x</sub> Ni <sub>x</sub> S <sub>2</sub> : Effect of Ni substitution on the electronic structure of the Co <sub>1-x</sub> Ni <sub>x</sub> S plane. Physical Review B, 2001, 63, .   | 1.1 | 9         |
| 134 | Temperature-dependent optical reflectivity spectra measured on cleaved surfaces of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Journal of Luminescence, 2000, 87-89, 1286-1288.   | 1.5 | 0         |
| 135 | Raman and infrared studies of the metal-insulator transition in BaCo <sub>1-x</sub> Ni <sub>x</sub> S <sub>2</sub> . Physica B: Condensed Matter, 2000, 281-282, 627-628.  | 1.3 | 1         |
| 136 | Anisotropic Optical Spectra of PrBa <sub>2</sub> Cu <sub>4</sub> O <sub>8</sub> : Possible Tomonaga-Luttinger Liquid Response of the Quasi-One-Dimensional Metallic CuO Double Chains. Physical Review Letters, 2000, 85, 5428-5431.                                   | 2.9 | 36        |
| 137 | Al-substitution effect on charge transport in La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> : Incoherent metallic state in a double-exchange ferromagnet. Physical Review B, 2000, 61, 11588-11593.   | 1.1 | 53        |
| 138 | Electronic structure of the double-exchange ferromagnet La <sub>0.825</sub> Sr <sub>0.175</sub> MnO <sub>3</sub> studied by optical reflectivity. Physical Review B, 2000, 62, 13864-13867.  | 1.1 | 39        |
| 139 | Optical Reflectivity Spectra Measured on Cleaved Surfaces of La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> : Evidence Against Extremely Small Drude Weight. Journal of the Physical Society of Japan, 1999, 68, 1828-1831.  | 0.7 | 70        |
| 140 | Incoherent-to-coherent crossover of optical spectra in La <sub>0.825</sub> Sr <sub>0.175</sub> MnO <sub>3</sub> : Temperature-dependent reflectivity spectra measured on cleaved surfaces. Physical Review B, 1999, 60, 13011-13015.                                   | 1.1 | 51        |
| 141 | Optical Spectra Measured on Cleaved Surfaces of Double-Exchange Ferromagnet La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Physica Status Solidi (B): Basic Research, 1999, 215, 637-641.  | 0.7 | 5         |
| 142 | In-plane thermal conductivity and Lorenz number in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-x</sub> . Physical Review B, 1997, 56, 5654-5661.   | 1.1 | 26        |
| 143 | La <sub>2-x</sub> Sr <sub>x</sub> Cu <sub>1-y</sub> Zn <sub>y</sub> O <sub>4</sub> : Tc and ns/m* correlations seen with muon spin rotation. , 1997, 105, 125-130.   |     | 0         |
| 144 | Anisotropic transport properties of PrBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> . Physica C: Superconductivity and Its Applications, 1997, 282-287, 1133-1134.  | 0.6 | 4         |

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