

Mitsuru Itoh

List of Publications by Year in descending order

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11419
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Evaluation of ferroelectricity in a distorted wurtzite-type structure of Sc-doped LiGaO ₂ . RSC Advances, 2024, 14, 13900-13904. | 3.7 | 0 |
| 2 | Evaluation of ferroelectricity in BaTiO ₃ epitaxial thin film using Ca(Mn,Nb)O ₃ bottom electrode for high-temperature annealing. Applied Physics Letters, 2023, 123, . | 3.2 | 0 |
| 3 | Chemical design of a new displacive-type ferroelectric. Dalton Transactions, 2022, 51, 2610-2630. | 3.4 | 12 |
| 4 | Optical selection rules of the magnetic excitation in the $S=1$ one-dimensional Ising-like antiferromagnet $\text{BaCo}_{1/2}\text{Mn}_{3/2}\text{V}_2$. Physical Review B, 2022, 105, . | 3.3 | 3 |
| 5 | Large Polarization Switching and High-Temperature Magnetoelectric Coupling in Multiferroic GaFeO ₃ Systems. Inorganic Chemistry, 2021, 60, 225-230. | 4.2 | 8 |
| 6 | Room-Temperature Antiferroelectricity in Multiferroic Hexagonal Rare-Earth Ferrites. ACS Applied Materials & Interfaces, 2021, 13, 4230-4235. | 8.2 | 13 |
| 7 | The Critical Role of Stereochemically Active Lone Pair in Introducing High Temperature Ferroelectricity. Inorganic Chemistry, 2021, 60, 4068-4075. | 4.2 | 11 |
| 8 | Temperature dependence of the effective Gilbert damping constant of FeRh thin films. AIP Advances, 2021, 11, . | 1.3 | 5 |
| 9 | Single-Crystal Synthesis of $\mu\text{-Fe}_2\text{O}_3$ -Type Oxides Exhibiting Room-Temperature Ferrimagnetism and Ferroelectric Polarization. Crystal Growth and Design, 2021, 21, 4904-4908. | 3.2 | 5 |
| 10 | Suppression Mechanisms of the Solid-Electrolyte Interface Formation at the Triple-Phase Interfaces in Thin-Film Li-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 34027-34032. | 8.2 | 0 |
| 11 | Surface-supporting method of micropad deposition onto LiCoO ₂ ; epitaxial thin films to improve high C-rate performance. Journal of the Ceramic Society of Japan, 2021, 129, 415-418. | 1.2 | 1 |
| 12 | A surface-supporting method for an anode material of Li ₄ Ti ₅ O ₁₂ via an epitaxial thin film approach. Japanese Journal of Applied Physics, 2021, 60, SFFB11. | 1.6 | 0 |
| 13 | Epitaxial pillar matrix nanocomposite thin films of BiFeO ₃ and CoFe ₂ O ₄ grown on SrTiO ₃ (110). Journal of Applied Physics, 2021, 130, 084101. | 2.3 | 1 |
| 14 | Comprehensive Structural Descriptor for Electrocatalytic Oxygen Evolution Activities of Iron Oxides. ChemElectroChem, 2021, 8, 4466-4471. | 3.5 | 6 |
| 15 | Sizable Suppression of Thermal Hall Effect upon Isotopic Substitution in SrTiO_3 . Physical Review Letters, 2021, 126, 015901. | 8.0 | 11 |
| 16 | Ferroelectric and magnetic properties in $\mu\text{-Fe}_2\text{O}_3$ epitaxial film. Applied Physics Letters, 2021, 119, . | 3.2 | 4 |
| 17 | Skewed electronic band structure induced by electric polarization in ferroelectric BaTiO ₃ . Scientific Reports, 2020, 10, 10702. | 3.4 | 9 |
| 18 | Enhanced Spontaneous Polarization by V ⁴⁺ Substitution in a Lead-Free Perovskite CaMnTi ₂ O ₆ . Inorganic Chemistry, 2020, 59, 11749-11756. | 4.2 | 5 |

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|----|--|------|-----------|
| 19 | Growth mechanism and domain structure study on epitaxial BiFeO ₃ film grown on (La _{0.3} Sr _{0.7})(Al _{0.65} Ta _{0.35})O ₃ . Journal of Applied Physics, 2020, 127, . | 2.3 | 6 |
| 20 | In-plane ferroelectricity and enhanced Curie temperature in perovskite BaTiO ₃ epitaxial thin films. Applied Physics Letters, 2020, 117, . | 3.2 | 7 |
| 21 | A computational search for wurtzite-structured ferroelectrics with low coercive voltages. APL Materials, 2020, 8, . | 4.7 | 27 |
| 22 | Covalency driven modulation of paramagnetism and development of lone pair ferroelectricity in multiferroic Pb ₃ TeMn ₃ P ₂ O ₁₄ . Physical Review B, 2020, 101, . | 3.3 | 6 |
| 23 | Cation-Deficiency-Induced Crystal-Site Engineering for ZnGa ₂ O ₄ :Mn ²⁺ Thin Film. Inorganic Chemistry, 2020, 59, 8744-8748. | 4.2 | 22 |
| 24 | Bandgap tuning and optimization of green-emitting Zn ₂ SnO ₄ -Mg ₂ SnO ₄ :Mn ²⁺ using combinatorial pulsed laser deposition. Ceramics International, 2020, 46, 21771-21774. | 4.9 | 4 |
| 25 | Modulating the Structure and Magnetic Properties of μ -Fe ₂ O ₃ Nanoparticles via Electrochemical Li ⁺ Insertion. Inorganic Chemistry, 2020, 59, 4357-4365. | 4.2 | 4 |
| 26 | NMR Study of Magnetic Structure in \pm -CoV ₂ O ₆ . , 2020, , . | | 1 |
| 27 | Redox-Based Multilevel Resistive Switching in AlFeO ₃ Thin-Film Heterostructures. ACS Applied Electronic Materials, 2020, 2, 1065-1073. | 4.4 | 6 |
| 28 | Flexible μ -Fe ₂ O ₃ -Terephthalate Thin-Film Magnets through ALD/MLD. ACS Applied Materials & Interfaces, 2020, 12, 21912-21921. | 8.2 | 36 |
| 29 | Simple Method to Obtain Large-Size Single-Crystalline Oxide Sheets. Advanced Functional Materials, 2020, 30, 2001236. | 16.3 | 36 |
| 30 | Investigation of ferrimagnetism and ferroelectricity in Al _x Fe _{2-x} O ₃ thin films. Journal of Materials Chemistry C, 2020, 8, 706-714. | 5.5 | 9 |
| 31 | Switchable third ScFeO ₃ polar ferromagnet with YMnO ₃ -type structure. Journal of Materials Chemistry C, 2020, 8, 4447-4452. | 5.5 | 14 |
| 32 | Epitaxial strain engineering of luminescent properties in ZnGa ₂ O ₄ :Mn thin films. Applied Physics Express, 2020, 13, 082004. | 2.4 | 2 |
| 33 | The effect of relative permittivity of surface supporting materials for high-speed rechargeable LiCoO ₂ cathode film. Journal of Power Sources, 2019, 441, 227194. | 7.9 | 11 |
| 34 | The effects of BaTiO ₃ nanodots density support on epitaxial LiCoO ₂ thin-film for high-speed rechargeability. Electrochemistry Communications, 2019, 109, 106604. | 4.7 | 5 |
| 35 | Ferroelectric and ferrimagnetic properties of μ -Rh _x Fe _{2-x} O ₃ thin films. Journal of the Ceramic Society of Japan, 2019, 127, 474-477. | | |
| 36 | Magnetic properties of Single Crystal GaFeO ₃ . MRS Advances, 2019, 4, 61-66. | 1.0 | 5 |

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|----|---|------|-----------|
| 37 | Short range biaxial strain relief mechanism within epitaxially grown BiFeO ₃ . Scientific Reports, 2019, 9, 6715. | 3.4 | 7 |
| 38 | A crystal optical study of short range polar order in the ferroelectric phase: doped incipient ferroelectrics. Ferroelectrics, 2019, 538, 35-44. | 0.6 | 1 |
| 39 | Physics-Guided Data-Mining Driven Design of Room-Temperature Multiferroic Perovskite Oxides. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900028. | 2.4 | 4 |
| 40 | Fabrication and Characterization of Multiferroic Al _{0.5} Fe _{1.5} O ₃ Epitaxial Thin Films. MRS Advances, 2019, 4, 539-544. | 1.0 | 0 |
| 41 | Structural Phase Transitions and Possibility of the Relaxor-like State in Improper Ferroelectric Strontium-Substituted Calcium Sulfoaluminates. Journal of the Physical Society of Japan, 2019, 88, 034718. | 1.6 | 6 |
| 42 | Enhancement of Ultrahigh Rate Chargeability by Interfacial Nanodot BaTiO ₃ Treatment on LiCoO ₂ Cathode Thin Film Batteries. Nano Letters, 2019, 19, 1688-1694. | 9.4 | 52 |
| 43 | Compositional dependence of Gilbert damping constant of epitaxial Fe _{100-x} Rh _x thin films. Applied Physics Letters, 2019, 115, 142403. | 3.2 | 5 |
| 44 | Ferroelectric BaTaO ₂ N Crystals Grown in a BaCN ₂ Flux. Inorganic Chemistry, 2019, 58, 16752-16760. | 4.2 | 32 |
| 45 | Epitaxial Growth of Orthorhombic GaFeO ₃ Thin Films on SrTiO ₃ (111) Substrates by Simple Sol-Gel Method. Materials, 2019, 12, 254. | 3.0 | 8 |
| 46 | Superconducting transition temperatures in the electronic and magnetic phase diagrams of Sr ₂ VFeAsO ₃ , a superconductor. Journal of Physics Condensed Matter, 2019, 31, 115801. | 1.8 | 8 |
| 47 | Low-Temperature High-Rate Capabilities of Lithium Batteries via Polarization-Assisted Ion Pathways. Advanced Electronic Materials, 2018, 4, 1700413. | 5.3 | 34 |
| 48 | Structural, magnetic, and ferroelectric properties of T-like cobalt-doped BiFeO ₃ thin films. APL Materials, 2018, 6, . | 4.7 | 17 |
| 49 | hexagonal perovskites in the light of spin-orbit coupling and local structural distortions. Physical Review B, 2018, 97, . | 3.3 | 22 |
| 50 | Ferrimagnetism and Ferroelectricity in Cr-Substituted GaFeO ₃ Epitaxial Films. Chemistry of Materials, 2018, 30, 1436-1441. | 6.9 | 29 |
| 51 | Investigation of residual stress in lead-free BNT-based ceramic/ceramic composites. Acta Materialia, 2018, 148, 432-441. | 7.9 | 34 |
| 52 | High-Rate Performance of LiCoO ₂ Epitaxial Thin Films with Various Surface Conditions. MRS Advances, 2018, 3, 1243-1247. | 1.0 | 3 |
| 53 | Strain-mediated magnetic response in La _{0.67} Sr _{0.33} MnO ₃ /SrTiO ₃ /La _{0.67} Sr _{0.33} MnO ₃ /BaTiO ₃ structure. AIP Advances, 2018, 8, . | 1.3 | 7 |
| 54 | Ferroelectric and Magnetic Properties in Room-Temperature Multiferroic Ga _x Fe ₂ O ₃ Epitaxial Thin Films. Advanced Functional Materials, 2018, 28, 1704789. | 16.3 | 47 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Effect of Cr substitution on ferrimagnetic and ferroelectric properties of GaFeO ₃ epitaxial thin films. Applied Physics Letters, 2018, 113, . | 3.2 | 6 |
| 56 | Na _{1/2} Bi _{1/2} VO ₃ and K _{1/2} Bi _{1/2} VO ₃ : New Lead-Free Tetragonal Perovskites with Moderate c/a Ratios. Chemistry of Materials, 2018, 30, 6728-6736. | 6.9 | 8 |
| 57 | Origin of magnetic moments and presence of spin-orbit singlets in BaYrO_6 . Physical Review B, 2018, 98, . | 3.3 | 33 |
| 58 | Lead-Free Multilayer Piezoceramic Composites: Effect of Cosintering on Electromechanical Properties. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1127-1134. | 3.2 | 1 |
| 59 | Control of crystal-domain orientation in multiferroic Ga _{0.6} Fe _{1.4} O ₃ epitaxial thin films. Applied Physics Letters, 2017, 110, . | 3.2 | 21 |
| 60 | Electric Transport Characteristics of Gallium Iron Oxide Epitaxial Thin Film. MRS Advances, 2017, 2, 3459-3464. | 1.0 | 1 |
| 61 | Surface morphology and dielectric behavior of perovskite SrTiO ₃ thin film in heterostructure electroluminescence devices. Current Applied Physics, 2017, 17, 657-660. | 2.4 | 4 |
| 62 | Magnetization Reversal in Fe/BaTiO ₃ (110) Heterostructured Multiferroics. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1700294. | 2.4 | 12 |
| 63 | Effect of calcination temperature on the photodegradation efficiency of Ni/ZnO composite in removal of organic dye. AIP Conference Proceedings, 2017, , . | 0.2 | 1 |
| 64 | Thin-film perovskite electroluminescence with BaTiO ₃ films as insulating layers. Ferroelectrics, 2017, 512, 100-104. | 0.6 | 5 |
| 65 | Epitaxial thin film growth of garnet-, GdFeO ₃ -, and YMnO ₃ -type LuFeO ₃ using pulsed laser deposition. Thin Solid Films, 2017, 642, 41-44. | 1.9 | 6 |
| 66 | Crystal structure and magnetism in $\hat{\alpha}$ -Al ₂ O ₃ -type Al _x Fe _{2-x} O ₃ films on SrTiO ₃ (111). Journal of Applied Physics, 2017, 122, 015301. | 2.3 | 14 |
| 67 | Unconventional magnetic phase separation in CoV_5O_6 . Physical Review B, 2017, 96, . | 3.3 | 5 |
| 68 | Chemical tuning of room-temperature ferrimagnetism and ferroelectricity in $\hat{\mu}$ -Fe ₂ O ₃ -type multiferroic oxide thin films. Journal of Materials Chemistry C, 2017, 5, 12597-12601. | 5.5 | 25 |
| 69 | Thermally driven magnetization switching of perpendicularly magnetized multilayers. , 2017, , . | | 0 |
| 70 | Mechanism of polarization switching in wurtzite-structured zinc oxide thin films. Applied Physics Letters, 2016, 109, . | 3.2 | 36 |
| 71 | Evidence of ferroelectricity in ferrimagnetic $\hat{\alpha}$ -Al ₂ O ₃ -type In _{0.25} Fe _{1.75} O ₃ films. Applied Physics Letters, 2016, 109, . | 3.2 | 15 |
| 72 | Transmission of spin waves in ordered FeRh epitaxial thin films. Applied Physics Letters, 2016, 108, . | 3.2 | 4 |

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|----|--|-----|-----------|
| 73 | High temperature stability of the dielectric and insulating properties of Ca(Ti, Zr)SiO ₅ ceramics. Applied Physics Letters, 2016, 108, . | 3.2 | 14 |
| 74 | Crystal Isomers of ScFeO ₃ . Crystal Growth and Design, 2016, 16, 5214-5222. | 3.2 | 25 |
| 75 | Phase diagram of (Na _{0.5} K _{0.5})NbO ₃ -(Bi _{0.5} Na _{0.5})ZrO ₃ solid solution. Journal of Advanced Dielectrics, 2016, 06, 1650014. | 2.4 | 11 |
| 76 | Local dynamics and phase transition in quantum paraelectric SrTiO ₃ studied by Ti K-edge x-ray absorption spectroscopy. Journal of Physics: Conference Series, 2016, 712, 012101. | 0.4 | 3 |
| 77 | Signature of covalency and disorder on the dielectric and magnetic properties of Ba ₆ Co ₆ ClO ₁₆ . Journal of Electron Spectroscopy and Related Phenomena, 2016, 207, 19-23. | 1.8 | 0 |
| 78 | Effect of Ni coupling on the photoluminescence property and photocatalytic activity of ZnO nanorods. Journal of the Taiwan Institute of Chemical Engineers, 2016, 61, 156-165. | 5.3 | 30 |
| 79 | Electric-field switching of perpendicularly magnetized multilayers. NPG Asia Materials, 2015, 7, e198-e198. | 8.2 | 69 |
| 80 | Electric-field-temperature phase diagram of Mn-doped Bi _{0.5} (Na _{0.9} K _{0.1}) _{0.5} TiO ₃ ceramics. Applied Physics Letters, 2015, 107, . | 3.2 | 62 |
| 81 | Strong anisotropy of ferroelectricity in lead-free bismuth silicate. Nanoscale, 2015, 7, 11561-11565. | 5.7 | 26 |
| 82 | A ferromagnetic quantum critical point in heavy-fermion iron oxypnictide CeFe _{1-x} CrxPO. Journal of Applied Physics, 2015, 117, 17E123. | 2.3 | 1 |
| 83 | The role of ammonia hydroxide in the formation of ZnO hexagonal nanodisks using sol-gel technique and their photocatalytic study. Journal of Experimental Nanoscience, 2015, 10, 1068-1081. | 2.6 | 27 |
| 84 | Anisotropic magnetic behaviors of the spin-3/2 chain system \hat{I}^3 -CoV ₂ O ₆ . Journal of Magnetism and Magnetic Materials, 2015, 381, 263-266. | 2.3 | 7 |
| 85 | Focus on advanced inorganic materials science: non-traditional concepts and approaches. Science and Technology of Advanced Materials, 2015, 16, 020302. | 6.1 | 0 |
| 86 | Lateral electric-field control of giant magnetoresistance in Co/Cu/Fe/BaTiO ₃ multiferroic heterostructure. Applied Physics Letters, 2015, 107, . | 3.2 | 6 |
| 87 | Barkhausen-like antiferromagnetic to ferromagnetic phase transition driven by spin polarized current. Applied Physics Letters, 2015, 107, . | 3.2 | 13 |
| 88 | Local Structure Studies of Ti for SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ by Advanced X-ray Absorption Spectroscopy Data Analysis. Ferroelectrics, 2015, 485, 42-52. | 0.6 | 3 |
| 89 | Covalency-driven structural instability and spin-phonon coupling in barium cobalt oxychloride. Physical Review B, 2014, 90, . | 3.3 | 4 |
| 90 | Hierarchical dielectric orders in layered ferroelectrics Bi ₂ SiO ₅ . IUCr, 2014, 1, 160-164. | 2.3 | 31 |

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|-----|---|------|-----------|
| 91 | Controllable exchange bias in Fe/metamagnetic FeRh bilayers. Applied Physics Letters, 2014, 105, . | 3.2 | 27 |
| 92 | Ferroelectricity in wurtzite structure simple chalcogenide. Applied Physics Letters, 2014, 104, . | 3.2 | 60 |
| 93 | Photo-induced change of dielectric response in BaCoSiO ₄ stuffed tridymite. Journal of Applied Physics, 2014, 115, . | 2.3 | 22 |
| 94 | Local structure studies of SrTi ¹⁶ O ₃ and SrTi ¹⁸ O ₃ . Physica Scripta, 2014, 89, 044002. | 2.5 | 4 |
| 95 | Elastically controlled magnetic phase transition in Ga-FeRh/BaTiO ₃ (001) heterostructure. Applied Physics Letters, 2014, 104, 022401. | 3.2 | 53 |
| 96 | Ferroelectric quantum criticality. Nature Physics, 2014, 10, 367-372. | 11.7 | 242 |
| 97 | Perpendicularly magnetized spin filtering Cu/Ni multilayers. Applied Physics Letters, 2014, 104, 032404. | 3.2 | 6 |
| 98 | Structural phase transitions of robust insulating Bi _{1-x} La _x Fe _{1-y} Ti _y O ₃ multiferroics. Journal of Applied Physics, 2014, 115, 123523. | 2.3 | 18 |
| 99 | Crystal structures of the new fluorophosphates Li ₉ Mg ₃ [PO ₄] ₄ F ₃ and Li ₂ Mg[PO ₄]F and ionic conductivities of selected compositions. Journal of Materials Chemistry A, 2014, 2, 5858. | 10.4 | 9 |
| 100 | Epitaxial growth of metastable multiferroic AlFeO ₃ film on SrTiO ₃ (111) substrate. Applied Physics Letters, 2014, 104, 082906. | 3.2 | 44 |
| 101 | Single crystal flux growth of the Ising spin-chain system \hat{I}^3 -CoV ₂ O ₆ . Journal of Crystal Growth, 2014, 388, 103-106. | 1.6 | 8 |
| 102 | Anisotropic magnetic behaviors of monoclinic Li ₃ Fe ₂ (PO ₄) ₃ . Journal of Solid State Chemistry, 2014, 215, 189-192. | 3.0 | 4 |
| 103 | Magnetic behaviors of Cu ₃ TeO ₆ with multiple spin lattices. Journal of Magnetism and Magnetic Materials, 2014, 354, 146-150. | 2.3 | 17 |
| 104 | Raman Tensor Analysis of Crystalline Lead Titanate by Quantitative Polarized Spectroscopy. Ferroelectrics, 2014, 462, 8-13. | 0.6 | 24 |
| 105 | Structural Modification and Domain Structure in a BaTiO ₃ Film on (110) SrTiO ₃ . Applied Physics Express, 2013, 6, 015803. | 2.4 | 11 |
| 106 | 51V-NMR study of the quasi-one-dimensional antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of the Korean Physical Society, 2013, 63, 739-742. | 0.7 | 0 |
| 107 | Electric-voltage control of magnetism in Fe/BaTiO ₃ heterostructured multiferroics. Journal of Applied Physics, 2013, 113, 17C701. | 2.3 | 18 |
| 108 | Electric field driven variation in magnetoresistance of Co/Cu/Fe/BaTiO ₃ heterostructure. Journal of Applied Physics, 2013, 113, 17C713. | 2.3 | 8 |

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|-----|--|------|-----------|
| 109 | Phase diagram and piezoelectric response of $(\text{Ba}_{1-x}\text{Ca}_x)(\text{Zr}_{0.1}\text{Ti}_{0.9})\text{O}_3$ solid solution. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 425901. | 1.8 | 19 |
| 110 | Ultrafast Real Space Dynamics of Photoexcited State in a Layered Perovskite-Type Spin Crossover Oxide $\text{La}_{1.5}\text{Sr}_{0.5}\text{CoO}_4$. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 074721. | 1.6 | 10 |
| 111 | Collapse of Magnetic Order of the Quasi One-Dimensional Ising-Like Antiferromagnet $\text{BaCo}_2\text{V}_2\text{O}_8$ in Transverse Fields. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 033706. | 1.6 | 34 |
| 112 | Comparative study of phase transitions in BaTiO_3 thin films grown on (001)- and (110)-oriented SrTiO_3 substrate. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 132001. | 1.8 | 25 |
| 113 | Ferroelectricity Driven by Twisting of Silicate Tetrahedral Chains. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8088-8092. | 14.6 | 64 |
| 114 | Confocal micro-Raman imaging on 180° -domain structure in periodically poled stoichiometric LiNbO_3 . <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 579-582. | 1.2 | 2 |
| 115 | Ferroelectricity Driven by Twisting of Silicate Tetrahedral Chains. <i>Angewandte Chemie</i> , 2013, 125, 8246-8250. | 2.1 | 9 |
| 116 | Unconventional Structure in BaTiO_3 Thin Film Grown on $\sqrt{1/4} \times \sqrt{1/4} \times \sqrt{1/4}$ SrTiO_3 Substrate. <i>Nihon Kessho Gakkaishi</i> , 2013, 55, 290-295. | 0.0 | 0 |
| 117 | 51V NMR study of antiferromagnetic state and spin dynamics in quasi-one-dimensional $\text{BaCo}_2\text{V}_2\text{O}_8$. <i>Physical Review B</i> , 2012, 86, . | 3.3 | 11 |
| 118 | Effect of Ca-Substitution on CdTiO_3 Studied by Raman Scattering and First Principles Calculations. <i>Ferroelectrics</i> , 2012, 426, 268-273. | 0.6 | 7 |
| 119 | On-chip optical isolators and silicon photonics. , 2012, , . | | 1 |
| 120 | Fractal Dynamics in a Single Crystal of a Relaxor Ferroelectric. <i>Physical Review Letters</i> , 2012, 109, 197601. | 8.0 | 38 |
| 121 | Ionic liquid-mediated epitaxy of high-quality C_60 crystallites in a vacuum. <i>CrystEngComm</i> , 2012, 14, 4939. | 2.4 | 24 |
| 122 | Growth of KH_2PO_4 Single Crystal with an Artificial Isotope Gradient. <i>Ferroelectrics</i> , 2012, 440, 25-30. | 0.6 | 1 |
| 123 | Strain-induced reversible and irreversible magnetization switching in Fe/BaTiO_3 heterostructures. <i>Journal of Applied Physics</i> , 2012, 111, . | 2.3 | 46 |
| 124 | Origin of the dielectric response in $\text{Ba}_{0.767}\text{Ca}_{0.233}\text{TiO}_3$. <i>Applied Physics Letters</i> , 2012, 100, . | 3.2 | 14 |
| 125 | Defect controlled room temperature ferromagnetism in Co-doped barium titanate nanocrystals. <i>Nanotechnology</i> , 2012, 23, 025702. | 2.7 | 30 |
| 126 | Improved multiferroic properties in Sm-doped BiFeO_3 thin films deposited using chemical solution deposition method. <i>Journal of Applied Physics</i> , 2012, 111, . | 2.3 | 48 |

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|-----|---|-----|-----------|
| 127 | Origin of Ferroelectricity in Perovskite-Type Ferroelectric Oxides. Nihon Kessho Gakkaishi, 2012, 54, 276-281. | 0.0 | 0 |
| 128 | Power-Law Quasielastic Light Scattering Observed in Relaxor Pb(Mg _{1/3} Nb _{2/3})O ₃ . Ferroelectrics, 2011, 415, 24-28. | 0.6 | 6 |
| 129 | Ferroelectric phase transitions in new Aurivillius oxides: Bi _{2+2x} Sr _{1-2x} Nb ₂ xSc _x O ₉ . Journal of Materials Chemistry, 2011, 21, 10865. | 6.7 | 44 |
| 130 | Switching of the symmetry of magnetic anisotropy in Fe/BaTiO ₃ heterostructures. Applied Physics Letters, 2011, 99, . | 3.2 | 53 |
| 131 | Structure of Ferroelectric Silver Niobate AgNbO ₃ . Chemistry of Materials, 2011, 23, 1643-1645. | 6.9 | 158 |
| 132 | Spontaneous polarization estimation from the soft mode in strain-free epitaxial polar axis-oriented Pb(Zr,Ti)O ₃ thick films with tetragonal symmetry. Applied Physics Letters, 2011, 98, . | 3.2 | 23 |
| 133 | Defect-induced magnetism: Test of dilute magnetism in Fe-doped hexagonal BaTiO ₃ crystals. Physical Review B, 2011, 83, . single | 3.3 | 58 |
| 134 | Electrical and optical spin injection in ferromagnet/semiconductor heterostructures. NPG Asia Materials, 2011, 3, 65-73. | 8.2 | 61 |
| 135 | Optically oriented electron spin transmission across ferromagnet/semiconductor interfaces. Proceedings of SPIE, 2011, , . | 1.0 | 0 |
| 136 | Effects of A-Site Ions on the Phase Transition Temperatures and Dielectric Properties of (1-x)(Na _{0.5} K _{0.5})NbO ₃ â€“xAZrO ₃ Solid Solutions. Japanese Journal of Applied Physics, 2011, 50, 09ND10. | 1.6 | 17 |
| 137 | Manipulation of magnetic coercivity of Fe film in Fe/BaTiO ₃ heterostructure by electric field. Applied Physics Letters, 2011, 99, 102506. | 3.2 | 84 |
| 138 | High-Pressure Synthesis and Correlation between Structure, Magnetic, and Dielectric Properties in LiNbO ₃ -Type MnMO ₃ (M = Ti, Sn). Inorganic Chemistry, 2011, 50, 6392-6398. | 4.2 | 78 |
| 139 | Clear correspondence between magnetoresistance and magnetization of epitaxially grown ordered FeRh thin films. Journal of Applied Physics, 2011, 109, . | 2.3 | 39 |
| 140 | First-principles calculations of lattice dynamics in CdTiO ₃ and CaTiO ₃ : Phase stability and ferroelectricity. Physical Review B, 2011, 84, . | 3.3 | 60 |
| 141 | New Ferroelectric Aurivillius Oxides: Incorporation of Sc ³⁺ in Stoichiometric Compositions. Chemistry of Materials, 2011, 23, 129-131. | 6.9 | 19 |
| 142 | Inversion of spin dependent photocurrent at Fe ₃ O ₄ /modulation doped GaAs heterointerfaces. Journal of Applied Physics, 2011, 109, 07E105. | 2.3 | 2 |
| 143 | Raman scattering study of the soft mode in Pb(Mg _{1/3} Nb _{2/3})O ₃ . Journal of Raman Spectroscopy, 2011, 42, 706-714. | 2.5 | 58 |
| 144 | Relaxor Behavior in a New Aurivillius Oxide - Bi ₂ La _{0.5} Sr _{0.5} Nb _{1.75} Sc _{0.25} O ₉ . European Journal of Inorganic Chemistry, 2011, 2011, 5343-5346. | 2.2 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Growth of quantum paraelectric La _{1/2} Na _{1/2} TiO ₃ single crystals using optical floating zone technique. Journal of Crystal Growth, 2011, 321, 36-39. | 1.6 | 2 |
| 146 | Effect of spin polarized current on magnetic phase transition of ordered FeRh wires. Journal of Applied Physics, 2011, 109, . | 2.3 | 26 |
| 147 | Mechanism for suppression of ferroelectricity in Cd _{1-x} CaxTiO ₃ . Physical Review B, 2011, 84, . | 3.3 | 41 |
| 148 | Magnetic structure and spin dynamics of the quasi-one-dimensional spin-chain antiferromagnet BaCo ₂ V ₂ O ₈ . Physical Review B, 2011, 83, . | 3.3 | 23 |
| 149 | Acceleration of domain wall movement by photoirradiation in perovskite-type cobaltite. Physical Review B, 2011, 83, . | 3.3 | 15 |
| 150 | Elastic and Anelastic Properties of Ferroelectric $\text{SrTi}_{18}\text{O}_3$ in the kHz-MHz Regime. Physical Review Letters, 2011, 106, 105502. | 3.0 | 23 |
| 151 | Ferroelectricity and electromechanical coupling in (1-x)AgNbO ₃ -xNaNbO ₃ solid solutions. Applied Physics Letters, 2011, 99, . | 3.2 | 42 |
| 152 | Ferroelectricity of Li-doped silver niobate (Ag, Li)NbO ₃ . Journal of Physics Condensed Matter, 2011, 23, 075901. | 1.8 | 25 |
| 153 | High-throughput CW-IR laser deposition and laser microscope imaging of binary ionic liquids in vacuum. Science and Technology of Advanced Materials, 2011, 12, 054204. | 6.1 | 2 |
| 154 | Enhancement of Quantum Ferroelectricity in SrTi ₁₈ O ₃ Thin Film. Applied Physics Express, 2011, 4, 091501. | 2.4 | 3 |
| 155 | Diffusion Behavior of Oxygen and Dielectric Properties in the Hexagonal BaTiO ₃ . Ferroelectrics, 2011, 415, 122-126. | 0.6 | 3 |
| 156 | Novel Phase Transition Probed by Sound Velocity in Quasi-One-Dimensional Ising-Like Antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of the Physical Society of Japan, 2011, 80, 033701. | 1.6 | 15 |
| 157 | Effects of A-Site Ions on the Phase Transition Temperatures and Dielectric Properties of (1-x)(Na _{0.5} K _{0.5})NbO ₃ -xAZrO ₃ Solid Solutions. Japanese Journal of Applied Physics, 2011, 50, 09ND10. | 1.6 | 36 |
| 158 | Field Induced Lattice Deformation in a Quasi-One-Dimensional Antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of the Physical Society of Japan, 2010, 79, 043706. | 1.6 | 5 |
| 159 | Ferroelectricity in NaNbO ₃ : Revisited. Ferroelectrics, 2010, 401, 51-55. | 0.6 | 18 |
| 160 | Spin polarized electron transmission into GaAs quantum well across Fe ₃ O ₄ : Optical spin orientation analysis. Applied Physics Letters, 2010, 97, 172509. | 3.2 | 4 |
| 161 | Inversion of Spin Photocurrent due to Resonant Transmission. Physical Review Letters, 2010, 105, 156601. | 8.0 | 10 |
| 162 | Dielectric and soft-mode behaviors of AgTaO ₃ . Physical Review B, 2010, 81, . | 3.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 163 | Molecular Beam Deposition of Nanoscale Ionic Liquids in Ultrahigh Vacuum. ACS Nano, 2010, 4, 5946-5952. | 15.1 | 51 |
| 164 | Invariant lattice strain and polarization in BaTiO ₃ CaTiO ₃ ferroelectric alloys. Journal of Physics Condensed Matter, 2010, 22, 052204. | 1.8 | 43 |
| 165 | Efficient spin injection into GaAs quantum well across Fe ₃ O ₄ spin filter. Applied Physics Letters, 2010, 96, . | 3.2 | 49 |
| 166 | Phonon Dynamics in BiFeO ₃ Studied by Raman Scattering. Ferroelectrics, 2010, 403, 187-190. | 0.6 | 8 |
| 167 | Diffusion Behavior of Oxygen in the Hexagonal BaTiO ₃ Single Crystal Grown by FZ Method. Ferroelectrics, 2010, 403, 225-229. | 0.6 | 2 |
| 168 | Photo-Induced In-Gap States in SrTiO ₃ Probed by Photoemission Spectroscopy under Ultraviolet Illumination. Journal of the Physical Society of Japan, 2010, 79, 044703. | 1.6 | 9 |
| 169 | Universality in phase diagram of (K,Na)NbO ₃ MTiO ₃ solid solutions. Applied Physics Letters, 2009, 95, 092905. | 3.2 | 51 |
| 170 | Ferroelectricity triggered in the quantum paraelectric AgTaO ₃ by Li-substitution. Applied Physics Letters, 2009, 95, . | 3.2 | 11 |
| 171 | Dielectric, ferroelectric, and piezoelectric behaviors of AgNbO ₃ KNbO ₃ solid solution. Journal of Applied Physics, 2009, 106, . | 2.3 | 56 |
| 172 | Ultrasonic Propagation of a Metallic Domain in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_2$ a Photoinduced Insulator-Metal Transition. Physical Review Letters, 2009, 103, 027402. | 8.0 | 56 |
| 173 | SINGLE STEP SYNTHESIS OF MAGNESIUM FERRITE NANOCRYSTALLITES AND SOME OF ITS CHARACTERISTICS. International Journal of Nanoscience, 2009, 08, 87-91. | 0.8 | 2 |
| 174 | Fabrication and Characterization of Niobate Piezoelectric Ceramics with Sintering Aids. Ferroelectrics, 2009, 385, 6141-6148. | 0.6 | 3 |
| 175 | Dielectric Properties of La Doped-Hexagonal BaTiO ₃ Single Crystal Grown by FZ Method. Ferroelectrics, 2009, 378, 195-199. | 0.6 | 5 |
| 176 | Stability of ferromagnetic state of epitaxially grown ordered FeRh thin films. Journal of Applied Physics, 2009, 105, . | 2.3 | 69 |
| 177 | Lattice distortion under an electric field in BaTiO ₃ piezoelectric single crystal. Journal of Physics Condensed Matter, 2009, 21, 215903. | 1.8 | 44 |
| 178 | Artificially controlled magnetic domain structures in ferromagnetic dotsferroelectric heterostructures. Journal of Applied Physics, 2009, 105, 07D901. | 2.3 | 25 |
| 179 | Spin Polarization of Electrons Injected from Fe into GaAs Quantum Well Characterized using Oblique Hanle Effect. Materials Research Society Symposia Proceedings, 2009, 1183, 49. | 0.1 | 0 |
| 180 | Low Voltage Electroluminescence in Perovskite Films. Advanced Materials, 2009, 21, 3699-3702. | 24.0 | 99 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 181 | NMR study of the quasi-one-dimensional compound BaCo ₂ V ₂ O ₈ . Solid State Communications, 2009, 149, 341-344. | 1.9 | 10 |
| 182 | Tuning the orthorhombic-rhombohedral phase transition temperature in sodium potassium niobate by incorporating barium zirconate. Physica Status Solidi - Rapid Research Letters, 2009, 3, 142-144. | 2.4 | 135 |
| 183 | Synthesis and Magnetic Properties of Ba ₂ Mn ₂ Si ₂ O ₉ : the First Example of $S=2$ Spin-Dimer with Spin-Singlet Ground State. Chemistry - an Asian Journal, 2009, 4, 1530-1535. | 3.5 | 4 |
| 184 | Comprehensive Structural Study of Glassy and Metastable Crystalline BaTi ₂ O ₅ . Chemistry of Materials, 2009, 21, 259-263. | 6.9 | 68 |
| 185 | Relaxor $\text{Pb}(\text{Mg}_{1-x}\text{Pb}_x)\text{O}_3$: A Ferroelectric with Soft-mode Dynamics in the Ferroelectric Phase Transition of Quantum Paraelectric SrTiO ₃ . Physical Review Letters, 2009, 103, 207601. | 8.0 | 267 |
| 186 | Soft-mode Dynamics in the Ferroelectric Phase Transition of Quantum Paraelectric SrTiO ₃ . Ferroelectrics, 2009, 379, 168-176. | 0.6 | 5 |
| 187 | Photoinduced insulator-metal transition in Pr _{0.5} Ca _{0.5} CoO ₃ as studied by femtosecond spectroscopy. Journal of Physics: Conference Series, 2009, 148, 012019. | 0.4 | 5 |
| 188 | Low temperature magnetism of the $S=1/2$ quasi one-dimensional Ising-like antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of Physics: Conference Series, 2009, 150, 042090. | 0.4 | 2 |
| 189 | Thermodynamic approach of spin-state excitations in LaCoO ₃ . Journal of Polymer Research, 2008, 92, 477-479. | 2.4 | 0 |
| 190 | Enhanced piezoelectricity around the tetragonal/orthorhombic morphotropic phase boundary in (Na,K)NbO ₃ -ATiO ₃ solid solutions. Journal of Electroceramics, 2008, 21, 263-266. | 1.9 | 57 |
| 191 | Successive crystallization of ferroelectric-based BaTi ₂ O ₅ bulk glass studied by Raman scattering. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 148, 48-52. | 3.6 | 13 |
| 192 | Martensitic-like transition in Mn ₂ V ₂ O ₇ single crystals. Solid State Communications, 2008, 147, 138-140. | 1.9 | 14 |
| 193 | Origin of Giant Dielectric Response in Nonferroelectric CaCu ₃ Ti ₄ O ₁₂ : Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy. Chemistry of Materials, 2008, 20, 1694-1698. | 6.9 | 78 |
| 194 | Crystal growth and piezoelectricity of BaTiO ₃ -CaTiO ₃ solid solution. Applied Physics Letters, 2008, 93, . | 3.2 | 60 |
| 195 | Anomalous Phase Diagram of Ferroelectric Crystals with Giant Electromechanical Response. Physical Review Letters, 2008, 100, 227601. | 11.4 | 314 |
| 196 | O17 and N93b NMR investigation of magnetoelectric effect in Pb(Fe _{1/2} Nb _{1/2})O ₃ . Journal of Applied Physics, 2008, 104, 084105. | 2.3 | 18 |
| 197 | Dielectric properties of SrTiO ₃ thin film prepared in a mixture of 18O ₂ and 16O ₂ gas. Journal of Alloys and Compounds, 2008, 449, 48-51. | 5.6 | 5 |
| 198 | Reply to Comment on "Origin of Giant Dielectric Response in Nonferroelectric CaCu ₃ Ti ₄ O ₁₂ : Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy". Chemistry of Materials, 2008, 20, 6286-6287. | 6.9 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 199 | Ferroelectricity in Perovskite-Type Oxides. <i>Ferroelectrics</i> , 2008, 369, 127-132. | 0.6 | 11 |
| 200 | Positive and Negative Magnetodielectric Effects in A -Site Ordered $(\text{BiMn}_{3/4}\text{Mn}_{1/4})\text{O}_{12}$ Perovskite. <i>Journal of the American Chemical Society</i> , 2008, 130, 14948-14949. | 14.5 | 62 |
| 201 | Growth of $\text{La}^{1-x}\text{Sr}_x\text{CoO}_3$ Single Crystals from KOH Melt and Their Magnetocrystalline Anisotropy. <i>Chemistry of Materials</i> , 2008, 20, 5114-5118. | 6.9 | 4 |
| 202 | Novel Ordering of an S Ising-Like Antiferromagnet in Magnetic Field. <i>Physical Review Letters</i> , 2008, 100, 057202. | 8.0 | 10 |
| 203 | Temperature Evolution of the Optical Phonons in $\text{Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3$ Single Crystals Studied by Raman Scattering. <i>Ferroelectrics</i> , 2008, 367, 67-72. | 0.6 | 4 |
| 204 | Structure and dielectric properties of high-pressure perovskite-type oxyfluorides $\text{xKTiO}_2\text{F}_{1-x}\text{BaTiO}_3$. <i>Journal of Applied Physics</i> , 2008, 104, 044101. | 2.3 | 14 |
| 205 | Crossover of electron transmission mechanism and spin filtering effect at $\text{Fe}/\text{GaAs}(001)$ interfaces. <i>Journal of Applied Physics</i> , 2008, 103, 07A702. | 2.3 | 13 |
| 206 | Ferroelectric phase transition of $\text{CdMn}_2\text{P}_2\text{O}_{10}$ by Raman scattering. <i>Physical Review B</i> , 2008, 77, . | 3.3 | 16 |
| 207 | Piezoelectric properties of lithium modified silver niobate perovskite single crystals. <i>Applied Physics Letters</i> , 2008, 92, . | 3.2 | 44 |
| 208 | ^{17}O quadrupole coupling and the origin of ferroelectricity in isotopically enriched BaTiO_3 and SrTiO_3 . <i>Journal of Physics Condensed Matter</i> , 2008, 20, 085204. | 1.8 | 12 |
| 209 | Direct observation of the soft mode in the paraelectric phase of PbTiO_3 by confocal micro-Raman scattering. <i>Physical Review B</i> , 2008, 78, . | 3.3 | 16 |
| 210 | High temperature ferromagnetism in single crystalline dilute Fe-doped BaTiO_3 . <i>Physical Review B</i> , 2008, 77, . | 3.3 | 104 |
| 211 | Longitudinal Spin Density Wave Order in a Quasi-1D Ising-like Quantum Antiferromagnet. <i>Physical Review Letters</i> , 2008, 101, 207201. | 8.0 | 52 |
| 212 | Magnon-mediated thermal conductivity in the dimerized spin-gap compound $\text{BaCu}_2\text{P}_2\text{O}_{14}$. <i>Physical Review B</i> , 2008, 78, . | 3.3 | 4 |
| 213 | Dynamics of the Ferroelectric Phase Transition in ^{18}O -exchanged SrTiO_3 Studied by Raman Scattering. <i>Ferroelectrics</i> , 2008, 369, 3-9. | 0.6 | 1 |
| 214 | Optically spin oriented electron transmission across fully epitaxial $\text{Fe}_3\text{O}_4/\text{GaAs}(001)$ interfaces. <i>Journal of Applied Physics</i> , 2008, 103, 07D705. | 2.3 | 8 |
| 215 | In Situ Raman Scattering Study on Successive Crystallization of Bulk BaTi_2O_5 Glass. <i>Ferroelectrics</i> , 2007, 346, 156-161. | 0.6 | 5 |
| 216 | Recent Topics on the Light Scattering Study of Ferroelectrics. <i>Ferroelectrics</i> , 2007, 355, 3-12. | 0.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 217 | Ferromagnetism at the surface of aLaCoO ₃ single crystal observed using scanning SQUID microscopy. Physical Review B, 2007, 75, . | 3.3 | 41 |
| 218 | Broad Doublet and Partially Softened Acoustic Mode in SrTiO ₃ . Ferroelectrics, 2007, 355, 61-65. | 0.6 | 4 |
| 219 | Electrical voltage manipulation of ferromagnetic microdomain structures in a ferromagnetic/ferroelectric hybrid structure. Journal of Applied Physics, 2007, 101, 09F512. | 2.3 | 22 |
| 220 | High Carrier Mobility Coupled with Quantum Paraelectric Fluctuation. Ferroelectrics, 2007, 346, 10-15. | 0.6 | 4 |
| 221 | Field-Induced Order-Disorder Transition in Antiferromagnetic $\text{BaCo}_2\text{V}_2\text{O}_8$ Driven by a Softening of Spinon Excitation. Physical Review Letters, 2007, 99, 087602. | 8.0 | 83 |
| 222 | Critical soft-mode dynamics and unusual anticrossing in CdTiO ₃ studied by Raman scattering. Physical Review B, 2007, 76, . | 3.3 | 19 |
| 223 | Conductive Boundary Layer in CaCu ₃ Ti ₄ O ₁₂ with Giant-Dielectric-Response. Ferroelectrics, 2007, 347, 140-144. | 0.6 | 7 |
| 224 | Ideal Soft Mode-Type Quantum Phase Transition and Phase Coexistence at Quantum Critical Point in O ₁₈ -Exchanged SrTiO ₃ . Physical Review Letters, 2007, 99, 017602. | 8.0 | 47 |
| 225 | AgNbO ₃ : A lead-free material with large polarization and electromechanical response. Applied Physics Letters, 2007, 90, 252907. | 3.2 | 240 |
| 226 | Ferroelectricity of SrTiO ₃ Induced by Oxygen Isotope Exchange. Structure and Bonding, 2007, , 89-118. | 0.0 | 1 |
| 227 | Demonstration of Perfect Softening of the Slater-Type Ferroelectric Mode on SrTi ₁₈ O ₃ . Ferroelectrics, 2007, 346, 20-24. | 0.6 | 6 |
| 228 | Flux Growth and Magnetic Anomalies of Co ₃ V ₂ O ₈ Crystals. Crystal Growth and Design, 2007, 7, 1055-1057. | 3.2 | 15 |
| 229 | Magnetic properties of the quasi-one-dimensional system BaMn ₂ V ₂ O ₈ . Solid State Communications, 2007, 141, 22-24. | 1.9 | 33 |
| 230 | Two magnetic phase transitions in quasi-one-dimensional system SrCo ₂ V ₂ O ₈ . Solid State Communications, 2007, 141, 667-670. | 1.9 | 8 |
| 231 | Field-induced order-disorder transition in quasi-one-dimensional spin system PbCo ₂ V ₂ O ₈ . Solid State Communications, 2007, 142, 404-406. | 1.9 | 5 |
| 232 | Synthesis, structure and magnetic properties of new vanadate PbCo ₂ V ₂ O ₈ . Journal of Solid State Chemistry, 2007, 180, 1770-1774. | 3.0 | 16 |
| 233 | Surface ferromagnetism of LaCoO ₃ crystals. Journal of Magnetism and Magnetic Materials, 2007, 310, 2172-2173. | 2.3 | 0 |
| 234 | Light Scattering Study of the Phase Transition in Quantum Paraelectric Strontium Titanate. Journal of the Korean Physical Society, 2007, 51, 798. | 0.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 235 | Broad Doublet Spectra Observed in Strontium Titanate. Journal of the Korean Physical Society, 2007, 51, 819. | 0.7 | 4 |
| 236 | Capacitance thermometer made of oxygen isotope-exchanged strontium titanate perovskite. Applied Physics Letters, 2006, 88, 082906. | 3.2 | 7 |
| 237 | Perfect Softening of the Ferroelectric Mode in the Isotope-Exchanged Strontium Titanate of SrTiO ₃ Studied by Light Scattering. Physical Review Letters, 2006, 96, 227602. | 8.0 | 81 |
| 238 | Frequency Dependence of Dielectric Constant of Strontium Titanate Films with Single-Crystal-Like Behavior. Ferroelectrics, 2006, 335, 45-50. | 0.6 | 4 |
| 239 | Phase Diagram of the (Na _{0.5} K _{0.5})NbO ₃ -ATiO ₃ Solid Solution. Ferroelectrics, 2006, 336, 39-46. | 0.6 | 25 |
| 240 | Large magnetic anisotropy in the quasi-one-dimensional system BaCo ₂ V ₂ O ₈ . Applied Physics Letters, 2006, 88, 132504. | 3.2 | 33 |
| 241 | Red photoluminescence in praseodymium-doped titanate perovskite films epitaxially grown by pulsed laser deposition. Applied Physics Letters, 2006, 89, 261915. | 3.2 | 46 |
| 242 | Capacitance Temperature Sensor Using Ferroelectric (Sr _{0.95} Ca _{0.05})TiO ₃ Perovskite. Ferroelectrics, 2006, 331, 141-145. | 0.6 | 6 |
| 243 | Fabrication of BaTi ₂ O ₅ Glass-Ceramics with Unusual Dielectric Properties during Crystallization. Chemistry of Materials, 2006, 18, 2169-2173. | 6.9 | 104 |
| 244 | The Role of Lattice Defects in Oxides. , 2006, , 62-98. | | 1 |
| 245 | Precursory Softening of Polar Mode in Isotope-Exchanged Paraelectric Strontium Titanate Studied by Raman Scattering. Ferroelectrics, 2006, 337, 131-138. | 0.6 | 1 |
| 246 | Dielectric Spectra of Relaxor Pb(Mg _{1/3} Nb _{2/3})O ₃ Single Crystal. Ferroelectrics, 2006, 339, 67-73. | 0.6 | 0 |
| 247 | High field magnetism of the quasi one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ . Journal of Physics: Conference Series, 2006, 51, 99-102. | 0.4 | 20 |
| 248 | Direct Observation of Ferroelectricity in Quasi-Zero-Dimensional Barium Titanate Nanoparticles. Small, 2006, 2, 1427-1431. | 11.0 | 26 |
| 249 | Capacitance thermometer using Ba _x Sr _{1-x} TiO ₃ solid solutions. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 2546-2550. | 1.9 | 2 |
| 250 | Metal-nonmetal transition in Ge doped spinel-type. Physica B: Condensed Matter, 2006, 378-380, 1120-1121. | 2.7 | 3 |
| 251 | Magnetic behavior and structural feature of quasi-one-dimensional BaCu ₂ V ₂ O ₈ crystal. Journal of Magnetism and Magnetic Materials, 2006, 306, 277-280. | 2.3 | 5 |
| 252 | Long-range antiferromagnetic ordering in Cu ₂ NiB ₂ O ₆ . Journal of Solid State Chemistry, 2006, 179, 3937-3941. | 3.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 253 | Growth behavior and surface feature of quasi-one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ crystal. Journal of Crystal Growth, 2006, 289, 734-736. | 1.6 | 8 |
| 254 | Crystal growth and magnetic properties of SrCo ₂ V ₂ O ₈ . Journal of Crystal Growth, 2006, 293, 458-461. | 1.6 | 12 |
| 255 | Crystal growth of Ni ₃ V ₂ O ₈ by flux method. Journal of Crystal Growth, 2006, 297, 1-3. | 1.6 | 27 |
| 256 | Structural investigations of migration pathways in lithium ion-conducting La _{2/3} xLi _{3x} TiO ₃ perovskites. Solid State Ionics, 2006, 177, 3037-3044. | 2.8 | 83 |
| 257 | Low-temperature magnetoresistance of layered cobalt oxides. Physica B: Condensed Matter, 2006, 378-380, 863-864. | 2.7 | 24 |
| 258 | A facile high-yield solvothermal route to tin phosphide Sn ₄ P ₃ . Journal of Solid State Chemistry, 2006, 179, 3756-3762. | 3.0 | 62 |
| 259 | Anomaly of Acoustic Phonon Mode in Ferroelectric Phase Transition of SrTi ₁₈ O ₃ . Ferroelectrics, 2006, 337, 161-167. | 0.6 | 5 |
| 260 | Effects of Vacancies on the Dielectric and Piezoelectric Properties of (Na _{0.5} K _{0.5})NbO ₃ -SrTiO ₃ Solid Solution. Ferroelectrics, 2006, 331, 135-139. | 0.6 | 8 |
| 261 | Linear and Nonlinear Electric Susceptibility in the Quantum Domain State of SrTi ₁₈ O ₃ . Ferroelectrics, 2006, 337, 13-17. | 0.6 | 4 |
| 262 | Raman spectra of the ferroelectric phase of SrTi ₁₈ O ₃ : Symmetry and domains below T _c and the origin of the phase transition. Physical Review B, 2006, 74, . | 3.3 | 41 |
| 263 | Electronic properties of the metallic pyrochlore ruthenates Pb ₂ Ru ₂ O _{6.5} and Bi ₂ Ru ₂ O ₇ . Physical Review B, 2006, 73, . | 3.3 | 45 |
| 264 | Antiferromagnetic-paramagnetic transitions in longitudinal and transverse magnetic fields in a SrCo ₂ V ₂ O ₈ crystal. Physical Review B, 2006, 73, . | 3.3 | 38 |
| 265 | Crystal growth of large spin gap material BaCu ₂ V ₂ O ₈ by top-seeded method. Journal of Crystal Growth, 2005, 274, 486-488. | 1.6 | 10 |
| 266 | Preparation and thermoelectric properties of Cd ₃ AxTeO ₆ (A = In, La, and Bi) ceramics. Ceramics International, 2005, 31, 129-133. | 4.9 | 9 |
| 267 | Simultaneous spin-state-insulator to metal transition in Pr _{0.5} Ca _{0.5} CoO ₃ . Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 893-895. | 1.8 | 13 |
| 268 | Capacitance temperature sensor using epitaxial SrTiO ₃ film with a single-crystal-like behavior. Thin Solid Films, 2005, 486, 145-148. | 1.9 | 14 |
| 269 | Predominant factors affecting the dielectric and piezoelectric properties of bismuth-containing complex perovskite solid solution. Solid State Communications, 2005, 134, 791-795. | 1.9 | 8 |
| 270 | Influence of a degraded SrTiO ₃ layer at the YBa ₂ Cu ₃ O _{7-x} /SrTiO ₃ interface on the dielectric behavior at cryogenic temperature. Cryogenics, 2005, 45, 300-303. | 1.7 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 271 | Phase diagram and enhanced piezoelectricity in the strontium titanate doped potassium-sodium niobate solid solution. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005, 202, R57-R59. | 1.9 | 136 |
| 272 | Large dielectric constant arising from space-charge polarization in a SrTiO ₃ thin film grown on an YBa ₂ Cu ₃ O _{7-δ} layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005, 202, R152-R154. | 1.9 | 7 |
| 273 | Dielectric anomalies in Pb _{0.7} (1- α)Ca _{0.7} La _{0.2} TiO ₃ . <i>Applied Physics Letters</i> , 2005, 87, 072904. | 3.2 | 0 |
| 274 | Low-temperature phase of SrTiO ₃ . <i>Applied Physics Letters</i> , 2005, 87, 032901. | 3.2 | 3 |
| 275 | Order-Disorder Component in the Phase Transition Mechanism of O ₁₈ Enriched Strontium Titanate. <i>Physical Review Letters</i> , 2005, 94, 147601. | 8.0 | 91 |
| 276 | Thermodynamical analysis of spin-state transitions in LaCoO ₃ : Negative energy of mixing to assist thermal excitation to the high-spin excited state. <i>Physical Review B</i> , 2005, 71, . | 3.3 | 75 |
| 277 | ⁸⁷ Sr NMR of phase transitions in SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ . <i>Physical Review B</i> , 2005, 72, . | 3.3 | 15 |
| 278 | NMR study of disorder in BaTiO ₃ and SrTiO ₃ . <i>Physical Review B</i> , 2005, 71, . | 3.3 | 136 |
| 279 | Isotope effect on the soft-mode dynamics of SrTiO ₃ studied by Raman scattering. <i>Physical Review B</i> , 2005, 72, . | 3.3 | 33 |
| 280 | Nonlinear and scaling properties of the dielectric response of SrTi ₁₈ O ₃ in the quantum paraelectric regime. <i>Physical Review B</i> , 2005, 71, . | 3.3 | 29 |
| 281 | Field-induced order-disorder transition in the quasi-one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Physical Review B</i> , 2005, 72, . | 3.3 | 82 |
| 282 | Unique Features of Strontium Titanate. <i>Ferroelectrics</i> , 2005, 314, 7-18. | 0.6 | 19 |
| 283 | Temperature Dependence of the Non-Linearity Coefficient of Strontium Titanate. <i>Ferroelectrics</i> , 2005, 316, 59-64. | 0.6 | 3 |
| 284 | Unusual Dielectric Relaxation in Lightly Doped n-Type Rhombohedral BaTi _{0.85} Zr _{0.15} O ₃ :Ta Ferroelectric Ceramics. <i>Chemistry of Materials</i> , 2005, 17, 1711-1716. | 6.9 | 30 |
| 285 | Central Peak in SrTi ₁₈ O ₃ Studied by Light Scattering. <i>Ferroelectrics</i> , 2005, 314, 79-83. | 0.6 | 0 |
| 286 | Crystal Structure and Diffusion Path in the Fast Lithium-Ion Conductor La _{0.62} Li _{0.16} TiO ₃ . <i>Journal of the American Chemical Society</i> , 2005, 127, 3491-3495. | 14.5 | 204 |
| 287 | Crystal Growth and Magnetic Properties of BaCo ₂ V ₂ O ₈ . <i>Chemistry of Materials</i> , 2005, 17, 2924-2926. | 6.9 | 77 |
| 288 | Photoluminescence Properties of Pr-Doped (Ca,Sr,Ba)TiO ₃ . <i>Chemistry of Materials</i> , 2005, 17, 3200-3204. | 6.9 | 151 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 289 | Extrinsic origin of giant permittivity in hexagonal BaTiO ₃ single crystals: Contributions of interfacial layer and depletion layer. Applied Physics Letters, 2005, 87, 252904. | 3.2 | 58 |
| 290 | Structure and Dielectric Behavior of Epitaxially Grown SrTiO ₃ Film between YBa ₂ Cu ₃ O _{7-δ} Electrodes. Japanese Journal of Applied Physics, 2004, 43, L170-L172. | 1.6 | 9 |
| 291 | BaCu ₂ V ₂ O ₈ : Quasi-one-dimensional alternating chain compound with a large spin gap. Physical Review B, 2004, 69, . | 3.3 | 61 |
| 292 | First-principles study of electronic and magnetic structure in layered cobaltite Na _{0.75} CoO ₂ . Journal of Applied Physics, 2004, 95, 6831-6833. | 2.3 | 13 |
| 293 | Electric-field-induced ferroelastic single domaining of SrTiO ₃ . Applied Physics Letters, 2004, 85, 5328-5330. | 3.2 | 12 |
| 294 | Spin-glass behavior in the ordered ribbon borate Cu ₂ CoB ₂ O ₆ . Physical Review B, 2004, 70, . | 3.3 | 3 |
| 295 | Polar Order in Quantum Paraelectric SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ at Low Temperature. Journal of the Physical Society of Japan, 2004, 73, 1139-1142. | 1.6 | 30 |
| 296 | Electric, magnetic, and calorimetric properties and phase diagram of Pr _{1-x} Ca _x CoO ₃ (0 < x < 0.55). Physical Review B, 2004, 69, . | 3.3 | 99 |
| 297 | Photoinduced Phenomena in Quantum Paraelectric Oxides by Ultraviolet Laser Irradiation. Ferroelectrics, 2004, 298, 317-323. | 0.6 | 16 |
| 298 | Magnetoresistance in spinel-type Mg _x Cu _{1-x} Cr ₂ S ₄ . Solid State Communications, 2004, 132, 247-251. | 1.9 | 8 |
| 299 | Correlation between Magnetic Properties and Mn/Co Atomic Order in LaMn _{0.5} Co _{0.5} O ₃ . 2. Magnetic and Calorimetric Properties. Chemistry of Materials, 2004, 16, 179-184. | 6.9 | 23 |
| 300 | Pressure as a probe of the physics of 18O-substituted SrTiO ₃ . Physical Review B, 2004, 69, . | 3.3 | 30 |
| 301 | Giant Dielectric Constant of Hexagonal BaTiO ₃ Crystal Grown by Containerless Processing. Chemistry of Materials, 2004, 16, 3973-3975. | 6.9 | 58 |
| 302 | Phonon-Polariton Dispersion Relation of SrTi _{(18O_x16O_{1-x})₃} . Ferroelectrics, 2004, 304, 63-70. | 0.6 | 0 |
| 303 | Light Scattering Studies of Soft Mode in SrTi ₁₈ O ₃ . Ferroelectrics, 2004, 304, 71-76. | 0.6 | 3 |
| 304 | Birefringence Study of Ferroelectric Ordering in Oxygen Isotope Exchanged System SrTi _{(16O_{1-x}18O_x)₃} . Ferroelectrics, 2004, 304, 77-82. | 0.6 | 5 |
| 305 | Proportional relation between magnetoresistance and entropy suppression due to magnetic field in metallic ferromagnets. Physical Review B, 2004, 69, . | 3.3 | 33 |
| 306 | Giant Photoconductivity in Quantum Paraelectric Oxides. Ferroelectrics, 2004, 298, 141-143. | 0.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 307 | Quantum Phase Transition and Dielectric Domain Wall Response of SrTi18O3. <i>Ferroelectrics</i> , 2004, 298, 163-169. | 0.6 | 14 |
| 308 | Effect of Oxygen Isotope Exchange on Ferroelectric Microregion in SrTiO3 Studied by Raman Scattering. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 3262-3265. | 1.6 | 13 |
| 309 | Isotope Effect on Photoconductivity in Quantum Paraelectric SrTiO3. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 1635-1638. | 1.6 | 27 |
| 310 | Evaluation of the Multidomain State in SrTi18O3 by Optical Birefringence. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 1377-1378. | 1.6 | 7 |
| 311 | Structure, magnetic and thermal properties of Gd2MnTiO6. <i>Materials Chemistry and Physics</i> , 2003, 80, 676-681. | 4.1 | 7 |
| 312 | Magnetic properties of LaSrCo0.5Ni0.5O4. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 749-750. | 2.7 | 0 |
| 313 | Correlation between Magnetic Properties and Mn/Co Atomic Order in LaMn0.5Co0.5O3+ δ . I. Second-Order Nature in Mn/Co Atomic Ordering and Valence State. <i>Chemistry of Materials</i> , 2003, 15, 4798-4803. | 6.9 | 47 |
| 314 | Valence and spin state of Co and Ni ions and their relation to metallicity and ferromagnetism in LaCo0.5Ni0.5O3. <i>Physical Review B</i> , 2003, 68, . | 3.3 | 37 |
| 315 | SHG Microscopic Studies on Low Temperature Phase Transitions of SrTi16O3 and SrTi18O3. <i>Ferroelectrics</i> , 2003, 285, 19-26. | 0.6 | 7 |
| 316 | Negative cooperative effect on the spin-state excitation in LaCoO3. <i>Physical Review B</i> , 2003, 67, . | 3.3 | 81 |
| 317 | Dielectric Properties of SrTi18O3. <i>Ferroelectrics</i> , 2003, 285, 3-17. | 0.6 | 6 |
| 318 | Light Scattering Study in Ferroelectric SrTi18O3. <i>Ferroelectrics</i> , 2003, 285, 27-31. | 0.6 | 3 |
| 319 | Nonlinear susceptibility and phase transition in SrTi18O3. <i>Physical Review B</i> , 2003, 67, . | 3.3 | 21 |
| 320 | Impulsive Stimulated Raman Scattering of SrTi(18O x 16O)3. <i>Ferroelectrics</i> , 2003, 285, 33-39. | 0.6 | 3 |
| 321 | Effects of Isotopic Substitution in SrTiO3 Studied by Brillouin Scattering. <i>Ferroelectrics</i> , 2003, 285, 49-55. | 0.6 | 0 |
| 322 | A Gigantic Photoinduced Dielectric Constant of Quantum Paraelectric Perovskite Oxides Observed under a Weak DC Electric Field. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 37-40. | 1.6 | 109 |
| 323 | Universal Relation between Oxygen Mass and T_{cin} in SrTiO3. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 1310-1311. | 1.6 | 13 |
| 324 | Ferroelectric Phase Transition in CdTiO3 Single Crystal. <i>Ferroelectrics</i> , 2003, 284, 107-112. | 0.6 | 19 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 325 | Preparation of parallel capacitor of epitaxial SrTiO ₃ film with a single-crystal-like behavior. Applied Physics Letters, 2003, 83, 2883-2885. | 3.2 | 27 |
| 326 | Magnetic property and electronic structure of itinerant PdxCo _y O ₂ magnets. Journal of Applied Physics, 2003, 93, 7258-7260. | 2.3 | 10 |
| 327 | Dynamical mechanism of the ferroelectric phase transition of SrTi ₁₈ O ₃ studied by light scattering. Physical Review B, 2003, 68, . | 3.3 | 19 |
| 328 | Calorimetric study of La ^x Sr _x CoO ₃ (0 < x < 0.5): Evidence for long-range ferromagnetic ordering for x > 0.3. Physical Review B, 2003, 67, . | 3.3 | 26 |
| 329 | Raman Spectra of Ferroelectric Soft Mode in SrTiO ₃ : Effect of Electric Field. Ferroelectrics, 2003, 285, 41-48. | 0.6 | 13 |
| 330 | Pressure As A Probe Of The Physics Of Compositionally-Substituted Quantum Paraelectrics: SrTiO ₃ . AIP Conference Proceedings, 2003, , . | 0.2 | 2 |
| 331 | Disorder in BaTiO ₃ and SrTiO ₃ and the "Ferroelectric" Transition in SrTi ₁₈ O ₃ . AIP Conference Proceedings, 2003, , . | 0.2 | 3 |
| 332 | Dielectric Properties of Spark-Plasma-Sintered (Na _{0.5} K _{0.5})NbO ₃ -PbTiO ₃ Ceramics. Ferroelectrics, 2003, 286, 93-99. | 0.6 | 6 |
| 333 | Dielectric Enhancement in Quantum Paraelectric SrTiO ₃ by UV Laser Irradiation under DC Electric Field. Ferroelectrics, 2003, 286, 3-8. | 0.6 | 9 |
| 334 | Ferroelectric Phase Transition in Perovskite Oxide CdTiO ₃ . Ferroelectrics, 2002, 270, 381-386. | 0.6 | 19 |
| 335 | Brillouin-scattering study of the broad doublet in isotopically exchanged SrTiO ₃ . Physical Review B, 2002, 65, . | 3.3 | 13 |
| 336 | Raman Spectra in Ferroelectric SrTi ₁₈ O ₃ . Ferroelectrics, 2002, 272, 155-160. | 0.6 | 15 |
| 337 | Brillouin Scattering Study of Ferroelectric SrTi(18O x 16O) _{1-x} . Ferroelectrics, 2002, 272, 39-44. | 0.6 | 6 |
| 338 | Investigation of Isotope Effect of Lithium Ion Conductivity in (La, ^o Li)TiO ₃ Single Crystal. Electrochemical and Solid-State Letters, 2002, 5, A131. | 2.3 | 9 |
| 339 | Piezoelectric Properties of Spark-Plasma-Sintered (Na _{0.5} K _{0.5})NbO ₃ -PbTiO ₃ Ceramics. Japanese Journal of Applied Physics, 2002, 41, 7119-7122. | 1.6 | 132 |
| 340 | Crossover between Ferroelectric and Quantum Paraelectric in SrTiO ₃ both by Isotopic Substitution and Hydrostatic Pressure. Materials Research Society Symposia Proceedings, 2002, 718, 1. | 0.1 | 2 |
| 341 | Large tunability driven by low electric field in oxygen-isotope-exchanged strontium titanate at cryogenic temperatures. Applied Physics Letters, 2002, 80, 2964-2966. | 3.2 | 7 |
| 342 | New n-Type Thermoelectric Oxide, Cd ₃ TeO ₆ . Japanese Journal of Applied Physics, 2002, 41, L780-L782. | 1.6 | 16 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 343 | Isotopically Induced Ferroelectric Phase Transition in SrTi ₁₈ O ₃ Studied by Brillouin and Raman Scattering. <i>Ferroelectrics</i> , 2002, 266, 489-499. | 0.6 | 1 |
| 344 | Second-harmonic study of polar symmetry and domain structure in SrTi ₁₈ O ₃ . <i>Applied Physics Letters</i> , 2002, 81, 3022-3024. | 3.2 | 24 |
| 345 | Isotopically Induced Ferroelectric Phase Transition in SrTi ₁₈ O ₃ Studied by Brillouin and Raman Scattering. <i>Ferroelectrics</i> , 2002, 266, 153-163. | 0.6 | 0 |
| 346 | Soft-phonon Dynamics in the Isotopically Induced Ferroelectric Phase Transition of Strontium Titanate. <i>Materials Research Society Symposia Proceedings</i> , 2002, 718, 1. | 0.1 | 3 |
| 347 | Crystal Structure of a Lithium Ion-Conducting Perovskite La _{2/3} Li _x TiO ₃ (x=0.05). <i>Journal of Solid State Chemistry</i> , 2002, 166, 67-72. | 3.0 | 125 |
| 348 | Magnetic anomalies in Na _x CoO ₂ (x=0.75). <i>Physica B: Condensed Matter</i> , 2002, 312-313, 719-720. | 2.7 | 14 |
| 349 | Magnetism of novel layered cobalt oxysulfide Sr ₂ Cu ₂ CoO ₂ S ₂ with strongly correlated CoO ₂ square-planes. <i>Physica B: Condensed Matter</i> , 2002, 312-313, 630-631. | 2.7 | 6 |
| 350 | Brillouin and Raman scattering study of the isotopically induced ferroelectric phase transition of SrTi ₁₈ O ₃ . <i>Physica B: Condensed Matter</i> , 2002, 316-317, 596-599. | 2.7 | 11 |
| 351 | Influence of Covalent Character on High Li Ion Conductivity in a Perovskite-Type Li Ion Conductor: A Prediction from a Molecular Dynamics Simulation of La _{0.6} Li _{0.2} TiO ₃ . <i>Chemistry of Materials</i> , 2002, 14, 3930-3936. | 6.9 | 57 |
| 352 | Simultaneous metal-insulator and spin-state transitions in Pr _{0.5} Ca _{0.5} CoO ₃ . <i>Physical Review B</i> , 2002, 66, . | 3.3 | 148 |
| 353 | Magnetic and electronic nature of layered manganese oxysulfide Sr ₂ CuMnO ₃ S. <i>Journal of Applied Physics</i> , 2002, 91, 8864. | 2.3 | 16 |
| 354 | Calorimetric and structural studies of La _{1-x} Y _x AlO ₃ and Y _{1-x} Lu _x AlO ₃ crystals. <i>Journal of Polymer Research</i> , 2002, 69, 813-819. | 2.4 | 9 |
| 355 | Thermodynamics and kinetics of steam splitting over a potassium aluminosilicate electrolyte. <i>Journal of Polymer Research</i> , 2002, 70, 329-336. | 2.4 | 4 |
| 356 | Phase transition and random-field induced domain wall response of SrTi ₁₈ O ₃ . <i>European Physical Journal B</i> , 2002, 28, 163-171. | 1.6 | 18 |
| 357 | Raman Spectra in Ferroelectric SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2002, 272, 155-160. | 0.6 | 2 |
| 358 | Soft Mode of SrTi ₁₈ O ₃ x ₁₆ O ₃ (1-x) Studied by Raman Scattering. <i>Journal of the Physical Society of Japan</i> , 2002, 71, 1254-1256. | 1.6 | 8 |
| 359 | Ferroelectric phase transition of SrTi ₁₈ O ₃ studied by Brillouin scattering. <i>Ferroelectrics</i> , 2001, 261, 213-218. | 0.6 | 7 |
| 360 | Calorimetric study of ferroelectromagnetic crystals, YMnO ₃ , ErMnO ₃ , and LuMnO ₃ . <i>Ferroelectrics</i> , 2001, 264, 223-228. | 0.6 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 361 | Ferroelectricity-evoking mass-inequality parameter for perovskite titanates ATiO ₃ . <i>Ferroelectrics</i> , 2001, 259, 91-96. | 0.6 | 6 |
| 362 | Dielectric properties and phase transition mechanisms in Sr ^{1-x} BaxTiO ₃ solid solution at low doping concentration. <i>Materials Research Bulletin</i> , 2001, 36, 1693-1701. | 5.3 | 45 |
| 363 | Effects of A-site ion size mismatch on dielectric properties of SrTiO ₃ . <i>Ferroelectrics</i> , 2001, 262, 131-136. | 0.6 | 1 |
| 364 | Dielectric anomalies in oxygen-isotope exchanged SrTiO ₃ single crystals. <i>Ferroelectrics</i> , 2001, 262, 125-130. | 0.6 | 9 |
| 365 | Synthesis and dielectric properties of a perovskite Bi _{1/2} Ag _{1/2} TiO ₃ . <i>Ferroelectrics</i> , 2001, 264, 127-132. | 0.6 | 17 |
| 366 | Birefringence Study of Ferroelectric Ordering in Oxygen Isotope Exchanged Systems SrTi(16O _{1-x} 18O) ₃ . <i>Journal of the Physical Society of Japan</i> , 2001, 70, 3213-3216. | 1.6 | 29 |
| 367 | Suppression of the quantum fluctuation in 18O-enriched strontium titanate. <i>Physical Review B</i> , 2001, 64, . | 3.3 | 66 |
| 368 | Light scattering study of the ferroelectric phase transition in SrTi ₁₈ O ₃ . <i>Physical Review B</i> , 2001, 63, . | 3.3 | 17 |
| 369 | Raman Scattering Study of SrTi ₁₈ O ₃ . <i>Journal of the Physical Society of Japan</i> , 2001, 70, 648-651. | 1.6 | 25 |
| 370 | Predominant factors for quantum paraelectricâ€“quantum ferroelectric transition in SrTiO ₃ -based oxides. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 1141-1142. | 2.7 | 6 |
| 371 | Structure and magnetic properties of Sr ₂ NiAO ₆ (A = W, Te). <i>Materials Research Bulletin</i> , 2000, 35, 449-457. | 5.3 | 48 |
| 372 | Lithium Ion Conductivity in A-site Deficient Perovskites Sr _{0.5} La _{0.05} Li _{0.35} âˆ’ _{0.1} Ti _{0.5} and Sr _{0.35} La _{0.15} Li _{0.35} âˆ’ _{0.15} Ti _{0.5} . <i>Electrochemistry</i> , 2000, 68, 534-536. | 1.4 | 7 |
| 373 | Domain state properties of SrTi(16O _{1-x} 18O) ₃ single crystals. <i>Physical Review B</i> , 2000, 62, R731-R734. | 3.3 | 32 |
| 374 | Quantum ferroelectricity in SrTiO ₃ induced by oxygen isotope exchange. <i>Applied Physics Letters</i> , 2000, 76, 221-223. | 3.2 | 73 |
| 375 | Effects of pressure on the dielectric properties of SrTi ₁₈ O ₃ and SrTi ₁₆ O ₃ single crystals. <i>Physical Review B</i> , 2000, 62, R3577-R3580. | 3.3 | 25 |
| 376 | Quantum paraelectric La _{1/2} Na _{1/2} TiO ₃ films as capacitor dielectrics for temperature- and electric-field-insensitive applications. <i>Journal of Applied Physics</i> , 2000, 88, 3756-3758. | 2.3 | 11 |
| 377 | Ferroelectricity Induced by Oxygen Isotope Exchange in Strontium Titanate Perovskite. <i>Physical Review Letters</i> , 1999, 82, 3540-3543. | 8.0 | 524 |
| 378 | Calorimetric study of an electrochemically oxidized crystal of La ₂ CuO _{4.05} : Stabilization phenomenon, phase transitions, and a glass transition due to freezing-in of the rearrangement of excess oxygen atoms. <i>Physical Review B</i> , 1999, 60, 6821-6826. | 3.3 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 379 | Phase diagram and effect of excess oxygen atoms on the spin and charge ordering in $\text{La}_2\text{NiO}_4+\delta$ crystals. <i>Physical Review B</i> , 1999, 60, 14841-14846. | 3.3 | 3 |
| 380 | Role of size mismatch of A-site cations on the first-order transition in manganates. <i>Physical Review B</i> , 1999, 60, 2994-2997. | 3.3 | 26 |
| 381 | Electrochemical recovery and isotope separation of lithium ion employing lithium ion conductive perovskite-type oxides. <i>Solid State Ionics</i> , 1999, 122, 35-39. | 2.8 | 21 |
| 382 | Giant Oxygen Isotope Effect in Charge-Ordered Manganese Perovskites. <i>Journal of Solid State Chemistry</i> , 1999, 144, 232-235. | 3.0 | 7 |
| 383 | Crystal Structure and Magnetic Properties of B-Site Ordered Perovskite-type Oxides $\text{A}_2\text{CuB}_2\text{O}_6$ (A=Ba, Tl). <i>Journal of Solid State Chemistry</i> , 1999, 144, 79-84. | 3.0 | 79 |
| 384 | Order-disorder phase transitions of excess oxygen atoms and their appearance as eutectoid and peritectoid reactions in $\text{La}_2\text{NiO}_4+\delta$ ($\delta=0.047\text{--}0.116$) crystals. <i>Physical Review B</i> , 1999, 60, 815-821. | 3.3 | 6 |
| 385 | Hydrostatic-pressure-induced magnetic structure transformation in polycrystalline $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3+\delta$ ($\delta=0.01$). <i>Physical Review B</i> , 1999, 60, 14513-14516. | 3.3 | 15 |
| 386 | Step-flow growth of SrTiO_3 thin films with a dielectric constant exceeding 104. <i>Applied Physics Letters</i> , 1999, 74, 3543-3545. | 3.2 | 91 |
| 387 | Synthesis of dielectric perovskite titanate $\text{La}_{0.54(9)}\text{Ag}_{0.3(1)}\text{Ti}_{0.98(9)}$. <i>Ferroelectrics</i> , 1999, 231, 267-272. | 0.6 | 0 |
| 388 | Chemical pressure control of the spin-valve magnetoresistance in $\text{La}_{1.4}\text{Sr}_{1.6}\text{Mn}_2\text{O}_7$. <i>Physical Review B</i> , 1999, 59, 8789-8794. | 3.3 | 20 |
| 389 | Molecular Dynamics Simulation of the High Lithium Ion Conductor, $\text{La}_{0.6}\text{i}_{0.2}\text{TiO}_3$. <i>Journal of the Ceramic Society of Japan</i> , 1999, 107, 615-621. | 1.3 | 29 |
| 390 | The cause of high-temperature quantum paraelectricity in some perovskite titanates. <i>Solid State Ionics</i> , 1998, 108, 53-58. | 2.8 | 14 |
| 391 | Preparation and dielectric characterizations of the novel perovskite-type oxides $(\text{Ln}_{1/2}\text{Na}_{1/2})\text{TiO}_3$ (Ln=Dy, Ho, Er, Tm, Yb, Lu). <i>Solid State Ionics</i> , 1998, 108, 123-128. | 2.8 | 36 |
| 392 | Molecular dynamics simulation in SrTiO_3 . <i>Solid State Ionics</i> , 1998, 108, 175-178. | 2.8 | 22 |
| 393 | The effect of oxygen stoichiometry on the structure, magnetism and electron transport properties of the rare earth manganates exhibiting charge ordering. <i>Solid State Ionics</i> , 1998, 108, 201-208. | 2.8 | 11 |
| 394 | Hydrostatic pressure effects on resistivity and Néel temperature of the ordered perovskite oxide $\text{Ba}_2(\text{FeMo})\text{O}_6+\delta$. <i>Solid State Ionics</i> , 1998, 108, 269-273. | 2.8 | 4 |
| 395 | New perovskite-type lithium ion conductors, $\text{La}_x\text{MyLi}_{1-3x}\text{yNbO}_3$ (M=Ag and Na). <i>Solid State Ionics</i> , 1998, 113-115, 465-469. | 2.8 | 14 |
| 396 | Quantitative description of the microstructure and its relationship to the critical current density of Ag-sheathed $\text{Bi}(2223)$. <i>Solid State Ionics</i> , 1998, 108, 321-326. | 2.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 397 | Transformation of the Defective Layered Structure into the Three-Dimensional Perovskite Structure under High Pressure. Chemistry of Materials, 1998, 10, 2317-2319. | 6.9 | 6 |
| 398 | Dielectric Behavior of $(1-x)\text{LaAlO}_3\text{-}x\text{SrTiO}_3$ Solid Solution System at Microwave Frequencies. Japanese Journal of Applied Physics, 1998, 37, 5625-5629. | 1.6 | 73 |
| 399 | Pressure dependence of resistivity and magnetoresistivity in layered manganates $(\text{La,Sr})_3\text{Mn}_2\text{O}_7$. Physical Review B, 1998, 57, 104-107. | 3.3 | 13 |
| 400 | The study on the dielectric property and structure of perovskite titanate CdTiO_3 . Ferroelectrics, 1998, 217, 137-145. | 0.6 | 19 |
| 401 | Discrimination of ferroelectrics from quantum paraelectrics among perovskite titanates ATiO_3 AND $(\text{A}^{2+1/2}\text{A}^{2-1/2})\text{TiO}_3$. Ferroelectrics, 1998, 219, 71-81. | 0.6 | 18 |
| 402 | The behavior of high temperature quantum paraelectricity in some perovskite titanates. Ferroelectrics, 1998, 218, 161-167. | 0.6 | 3 |
| 403 | New Perovskite Oxide $(\text{Ti}_{1/2}\text{Na}_{1/2})\text{TiO}_3$. Materials Research Society Symposia Proceedings, 1998, 547, 105. | 0.1 | 2 |
| 404 | Magnetic Properties of 8H-Type Hexagonal $\text{Ba}(\text{Na}_{1/4}\text{Ru}_{3/4})\text{O}_3$. Bulletin of the Chemical Society of Japan, 1998, 71, 2247-2251. | 3.3 | 5 |
| 405 | Structural phase transitions of a successive type and the two-dimensional nature of the antiferromagnetic ordering in single crystal. Journal of Physics Condensed Matter, 1997, 9, 1841-1850. | 1.8 | 4 |
| 406 | High temperature quantum paraelectricity in perovskite-type titanates $\text{Ln}_{1/2}\text{Na}_{1/2}\text{TiO}_3$ ($\text{Ln} = \text{La, Pr, Nd, Sm, Eu, Gd}$ and Tb). Ferroelectrics, 1997, 200, 93-107. | 0.6 | 63 |
| 407 | Lithium Ion Conductivity in a Perovskite Lanthanum Lithium Titanate Single Crystal. Journal of the Ceramic Society of Japan, 1997, 105, 548-550. | 1.3 | 44 |
| 408 | On the perovskite-related materials of high dielectric permittivity with small temperature dependence and low dielectric loss. Ferroelectrics, 1997, 196, 205-209. | 0.6 | 33 |
| 409 | Annealing and pressure effects on structural and ferromagnetic transitions of $\text{La}_{0.85}\text{Sr}_{0.15}\text{MnO}_3$ single crystals. Physical Review B, 1997, 55, 14408-14412. | 3.3 | 47 |
| 410 | Compressibility and pressure dependence of charge transfer and T_c in pristine and iodine-intercalated single crystals of $\text{Bi}_{2.2}\text{Sr}_{1.8}\text{CaCu}_2\text{O}_{8+x}$. Physica C: Superconductivity and Its Applications, 1997, 281, 45-54. | 1.2 | 6 |
| 411 | EFFECT OF SUBSTITUTION AND PRESSURE ON LITHIUM ION CONDUCTIVITY IN PEROVSKITES $\text{Ln}_{12}\text{Li}_{12}\text{TiO}_3$ ($\text{Ln} = \text{La, Pr, Nd}$ AND Sm). Journal of Physics and Chemistry of Solids, 1997, 58, 843-852. | 4.0 | 51 |
| 412 | Effect of Hydrostatic Pressure ($\sim 2\text{GPa}$) on the Transport Properties in Perovskite-Type Oxides. Materials Research Society Symposia Proceedings, 1996, 453, 411. | 0.1 | 0 |
| 413 | Predominant Factors of Lithium Ion Conductivity in Perovskite-Type Oxides. Materials Research Society Symposia Proceedings, 1996, 453, 623. | 0.1 | 9 |
| 414 | Structure and magnetic properties of new potassium-nickel fluoride-type strontium lanthanum magnesium ruthenium oxide. Materials Research Bulletin, 1996, 31, 1179-1187. | 5.3 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 415 | Structure and Ionic Conductivity of NaLnTiO ₄ ; Comparison with Those of Na ₂ Ln ₂ Ti ₃ O ₁₀ (Ln= La, Nd, Sm,) Tj ETQq 1, 1 0.784314 rgBT 10 3.0 | 3.0 | 61 |
| 416 | Magnetic and Electrical Properties of La _x A _x Mn _w O ₃ (A= Na, K, Rb, and Sr) with Perovskite-Type Structure. Journal of Solid State Chemistry, 1996, 124, 250-263. | 3.0 | 121 |
| 417 | Control of ferromagnetic transition temperature of La _x Mn _y O ₃ by lithium insertion. Solid State Communications, 1996, 97, 179-182. | 1.9 | 5 |
| 418 | Influences of carrier concentration and site percolation on lithium ion conductivity in perovskite-type oxides. Solid State Ionics, 1996, 86-88, 257-260. | 2.8 | 119 |
| 419 | Influence of site percolation and local distortion on lithium ion conductivity in perovskite-type oxides La _{0.55} Li _{0.35} xK _x TiO ₃ and La _{0.55} Li _{0.35} TiO ₃ -KMO ₃ (M = Nb and Ta). Solid State Ionics, 1996, 86-88, 165-169. | 2.8 | 31 |
| 420 | Reactive sintering for oriented and connected Bi-2223 superconductive oxides from a mixture of delaminated Bi-2212 and fine powdered supplemental ingredients. Physica C: Superconductivity and Its Applications, 1996, 270, 297-304. | 1.2 | 6 |
| 421 | Hall coefficient and resistivity measurements for oxygen-dashed annealed Bi _{2.2} Sr _{1.8} CaCu ₂ O _{8+y} single crystals under pressure. Physica C: Superconductivity and Its Applications, 1996, 271, 103-110. | 1.2 | 1 |
| 422 | Valency pair and properties of 1:1 ordered perovskite-type compounds Sr ₂ MMoO ₆ (M = Mn, Fe, Co). Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1996, 41, 55-58. | 3.6 | 126 |
| 423 | Cooperative interaction of oxygen octahedra for dielectric properties in the perovskite-related layered compounds Sr _{n+1} Ti _n O _{3n+1} , Ca _{n+1} Ti _n O _{3n+1} and Sr _{n+1} (Ti _{0.5} Sn _{0.5}) _n O _{3n+1} (n = 1, 2, 3 and 4). Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 1996, 41, 50-54. | 3.6 | 24 |
| 424 | Effect of oxygen content on the anomalies at successive phase transitions of La ₂ CuO ₄ +δ single crystal below 320 K. Physical Review B, 1996, 54, 7455-7461. | 3.3 | 14 |
| 425 | Structure of Two-Dimensional Conductor of Sr ₂ RhO ₄ . Journal of Solid State Chemistry, 1995, 118, 206-209. | 3.0 | 28 |
| 426 | Structure and Magnetic Properties of 6-Layered Hexagonal Oxides Ba ₃ Cr ₂ MO ₉ (M = Mo and W). Journal of Solid State Chemistry, 1995, 120, 238-243. | 3.0 | 12 |
| 427 | Oxide cathode with perovskite structure for rechargeable lithium batteries. Journal of Power Sources, 1995, 54, 397-402. | 7.9 | 72 |
| 428 | Electrical properties of BaSnO ₃ in substitution of antimony for tin and lanthanum for barium. Journal of Materials Science, 1995, 30, 1556-1560. | 3.7 | 37 |
| 429 | Microwave Characteristics of BaO-TiO ₂ Ceramics Prepared via a Citrate Route. Journal of the American Ceramic Society, 1995, 78, 1169-1172. | 3.8 | 92 |
| 430 | Dielectric properties of a-site deficient perovskite-type lanthanum-calcium-titanium oxide solid solution system []. Materials Research Bulletin, 1995, 30, 307-316. | 5.3 | 120 |
| 431 | Emergence of two superconducting phases (33 K and 40 K) and their relation to structural phase transitions in crystalline La ₂ CuO ₄ . Physical Review B, 1995, 51, 3181-3185. | 3.3 | 17 |
| 432 | Phase separation, oxygen composition, and a glass transition due to freezing-in of the oxygen rearrangement in La ₂ NiO ₄ . Physical Review B, 1995, 52, 3177-3183. | 3.3 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 433 | Structure and magnetic properties of $\text{Sr}_{2-x}\text{Al}_x\text{IrO}_4$ (A=Ca and Ba). <i>Physical Review B</i> , 1995, 52, 9143-9146. | 3.3 | 75 |
| 434 | High- and low-spin transition of Ru^{4+} in the perovskite-related layered system $\text{Sr}_{n+1}\text{Ru}_n\text{O}_{3n+1}$ (n=1, 2). <i>J. Appl. Phys.</i> , 1995, 78, 3480-3483. | 3.3 | 34 |
| 435 | Pressure dependence of phase-transition temperatures in oxygenated single-crystalline La_2CuO_4 . <i>Physical Review B</i> , 1995, 51, 1286-1289. | 3.3 | 7 |
| 436 | Cooperative dielectric interaction of the perovskite-related layered solid solution system $\text{Sr}_{n+1}(\text{Sn}_x\text{Ti}_{1-x})_n\text{O}_{3n+1}$ (n = 1, 2 and \hat{z}). <i>Ferroelectrics</i> , 1995, 166, 149-158. | 0.6 | 7 |
| 437 | Electrochemical Synthesis of Oxide Thick Film on the Stabilized Zirconia Surface in Molten Salt. <i>Journal of the Electrochemical Society</i> , 1995, 142, 2317-2320. | 2.9 | 0 |
| 438 | Structure dependence of the ferromagnetic transition temperature in rhombohedral $\text{La}_{1-x}\text{MnO}_3$ (A=Na, K, Rb, and Sr). <i>Physical Review B</i> , 1995, 52, 12522-12525. | 3.3 | 89 |
| 439 | The Effect of the Hydrostatic Pressure on the Ionic Conductivity in a Perovskite Lanthanum Lithium Titanate. <i>Journal of the Electrochemical Society</i> , 1995, 142, L8-L11. | 2.9 | 94 |
| 440 | Pressure dependence of the superconducting transition temperature and the Hall coefficient in $\text{Bi}_{2.2}\text{Sr}_{1.8}\text{CaCu}_2\text{O}_{8+x}$ single crystals. <i>Physical Review B</i> , 1994, 49, 9885-9890. | 3.3 | 10 |
| 441 | Preparation and electronic properties of $\text{Sr}_2-x\text{La}_x\text{RhO}_4$. <i>Physical Review B</i> , 1994, 49, 5591-5598. | 3.3 | 31 |
| 442 | Electronic Transport Phenomena of $\text{La}_{2/3+x}\text{TiO}_3$ ($x < 0.2$): Metal-Nonmetal Transition by Electron Doping. <i>Journal of Solid State Chemistry</i> , 1994, 113, 281-288. | 3.0 | 51 |
| 443 | Preparation, magnetization, Seebeck coefficient, and electrical resistivity of electrochemically oxidized $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($0 \leq x \leq 0.25$). <i>Physica C: Superconductivity and Its Applications</i> , 1994, 223, 75-82. | 1.2 | 10 |
| 444 | Electronic transport property of La_2CuO_4 ($0 < x < 0.35$) single crystal below 320 K. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 1323-1324. | 1.2 | 0 |
| 445 | Candidate compounds with perovskite structure for high lithium ionic conductivity. <i>Solid State Ionics</i> , 1994, 70-71, 196-202. | 2.8 | 352 |
| 446 | High lithium ion conductivity in the perovskite-type compounds. <i>Solid State Ionics</i> , 1994, 70-71, 203-207. | 2.8 | 255 |
| 447 | Lithium insertion into ceramic SrVO_3 . <i>Solid State Ionics</i> , 1994, 70-71, 429-433. | 2.8 | 7 |
| 448 | Calorimetric and resistometric studies of La_2CuO_4 single crystals: Displasive character of phase transitions in 190-310 K. <i>Solid State Communications</i> , 1994, 90, 787-790. | 1.9 | 10 |
| 449 | Calorimetric and electrical studies on the positional disorder of lithium ions in lithium lanthanum titanate. <i>Solid State Communications</i> , 1994, 91, 627-630. | 1.9 | 30 |
| 450 | Pressure dependence of the magnetic transition temperature for ferromagnetic SrRuO_3 . <i>Solid State Communications</i> , 1994, 90, 115-119. | 1.9 | 92 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 451 | Microwave Dielectric Characteristics of Ilmenite-Type Titanates with High Q Values. Japanese Journal of Applied Physics, 1994, 33, 5466-5470. | 1.6 | 194 |
| 452 | Stack molding techniques for Bi(Pb)-Sr-Ca-Cu-O platelets for higher current density. , 1994, , 657-660. | | 0 |
| 453 | Phase Transitions of $\text{La}_2\text{CuO}_4 + \hat{\Gamma}$ Single Crystal Below 320 K. , 1994, , 357-360. | | 0 |
| 454 | Pressure Dependence of the Superconducting Transition Temperature and the Hall Coefficient in Pristine and Iodine-Intercalated $\text{Bi}_{2.2}\text{Sr}_{1.8}\text{CaCu}_2\text{O}_{8+y}$ Single Crystals. , 1994, , 359-362. | | 0 |
| 455 | Preparation and Properties of $\text{Sr}_{2-x}\text{La}_x\text{RhO}_4$ and $\text{Sr}_{2-x}\text{A}_x\text{IrO}_4$ (A = Ca and Ba). , 1994, , 275-278. | | 1 |
| 456 | Unusual High Oxidation State of Iodine Intercalated in the $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_x$ Superconductor. Journal of Solid State Chemistry, 1993, 102, 284-287. | 3.0 | 21 |
| 457 | Magnetic and Electric Properties of $\text{La}_{1-x}\text{M}_x\text{RhO}_3$ (M = Ca, Sr, and Ba): Hole Doping in $4d_{\uparrow\downarrow}$ Orbitals of Rh^{3+} with Low Spin Configuration. Journal of Solid State Chemistry, 1993, 103, 523-527. | 3.0 | 39 |
| 458 | Single crystal growth of superconducting $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ by TSFZ method. Physica C: Superconductivity and Its Applications, 1993, 209, 442-448. | 1.2 | 17 |
| 459 | Delamination and oriented moulding of the Bi(Pb)-Sr-Ca-Cu-O system for higher critical current density. Journal of Materials Science Letters, 1993, 12, 710-712. | 0.5 | 3 |
| 460 | Structural study on new ordered potassium-nickel fluoride-type oxides, strontium lanthanum magnesium manganese oxide and strontium lanthanum zinc manganese oxide. Materials Research Bulletin, 1993, 28, 597-603. | 5.3 | 3 |
| 461 | Preparation and characterization of new ruthenium compounds with perovskite structure. Materials Research Bulletin, 1993, 28, 1029-1039. | 5.3 | 16 |
| 462 | High ionic conductivity in lithium lanthanum titanate. Solid State Communications, 1993, 86, 689-693. | 1.9 | 1,400 |
| 463 | Appearance of a maximum in the superconducting transition temperature of $\text{aBi}_{2.2}\text{Sr}_{1.8}\text{CaCu}_2\text{O}_{8+y}$ single crystal under pressure. Physical Review B, 1993, 48, 7712-7715. | 3.3 | 25 |
| 464 | Humidity Sensing Effects of the Layered Oxides $\text{SrO}(\text{LaScO}_3)_n$ ($n=1, 2, \hat{\alpha}\hat{\zeta}$). Journal of the Ceramic Society of Japan, 1993, 101, 800-803. | 1.3 | 17 |
| 465 | High-resolution electron microscopy of fine particles. Microscopy Microanalysis Microstructures, 1993, 4, 297-304. | 0.4 | 0 |
| 466 | Madelung Constant of the Tetragonal K_2NiF_4 Type Oxides. Journal of the Physical Society of Japan, 1993, 62, 1806-1807. | 1.6 | 0 |
| 467 | Quantum Paraelectricity in a Perovskite $\text{La}_{1/2}\text{Na}_{1/2}\text{TiO}_3$. Journal of the Physical Society of Japan, 1992, 61, 3831-3832. | 1.6 | 62 |
| 468 | Composition dependence of carrier concentration and conductivity in $(\text{Ba}_{1-x}\text{Sr}_x)\text{PbO}_3 + \hat{\Gamma}$ system. Solid State Communications, 1992, 83, 33-36. | 1.9 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 469 | Electrical properties of the $A(\text{Pb}_{1-x}\text{B}_x)\text{O}_3$ ($A=\text{Ba}, \text{Sr}, \text{B}=\text{Sb}, \text{Bi}$) system. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 204, 194-202. | 1.2 | 19 |
| 470 | Novel two-dimensional conductor Sr_2RhO_4 . <i>Journal of Solid State Chemistry</i> , 1992, 98, 198-200. | 3.0 | 29 |
| 471 | Electrical conductivity and metal-nonmetal transition in the perovskite-related layered system $\text{Ca}_{n+1}\text{Ti}_n\text{O}_{3n+1}$ ($n = 2, 3, \dots$). <i>Journal of Solid State Chemistry</i> , 1992, 101, 77-86. | 3.0 | 87 |
| 472 | Structural and dielectric studies on the new series of layered compounds, strontium lanthanum scandium oxides. <i>Materials Research Bulletin</i> , 1992, 27, 1193-1203. | 5.3 | 35 |
| 473 | A new Fe(III) perovskite antiferromagnetically ordered VIA superexchange interaction at fairly high temperature ($T_N \approx 91\text{K}$). <i>Materials Research Bulletin</i> , 1992, 27, 1065-1072. | 5.3 | 10 |
| 474 | Structural aspects on the variations of electric and magnetic properties of the layered compound system $\text{Sr}_{n+1}\text{VnO}_{3n+1}$ ($n = 1, 2, 3$). <i>Solid State Communications</i> , 1991, 80, 545-548. | 1.9 | 41 |
| 475 | Low temperature heat capacities and thermodynamic functions of $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_y$. <i>Thermochimica Acta</i> , 1991, 183, 143-152. | 2.7 | 3 |
| 476 | Oxygen-deficient and ordered perovskite-type solid-solution system $\text{Ba}_{1+x}\text{Bi}_{1-x}\text{O}_y$ ($0 \leq x \leq 0.5, 3.00 \leq y \leq 2.75$). <i>Solid State Ionics</i> , 1991, 49, 57-62. | 2.8 | 4 |
| 477 | A simple relation between the pair-interaction parameter and optical absorption edge in oxide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 181, 233-238. | 1.2 | 1 |
| 478 | Possibility of phonon assisted electronic excitation for the pairing interaction in high T_c superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 1065-1066. | 1.2 | 2 |
| 479 | Candidate compounds for superconductivity. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 190, 104-106. | 1.2 | 4 |
| 480 | Thermodynamic investigations of liquid Bi-Na and Sn-Na alloys by coulometric titration using γ -alumina. <i>Journal of Materials Science</i> , 1991, 26, 5221-5228. | 3.7 | 11 |
| 481 | Superconductivity, magnetism and oxygen nonstoichiometry of $\text{Ba}_2\text{Y}(\text{Cu}_{1-x}\text{M}_x)_3\text{O}_y$ ($M = \text{Zn}$ and Ni). <i>Physica C: Superconductivity and Its Applications</i> , 1990, 170, 307-314. | 1.2 | 73 |
| 482 | Oxygen-deficient and ordered perovskite-type solid-solution system. <i>Journal of Solid State Chemistry</i> , 1990, 87, 245-249. | 3.0 | 14 |
| 483 | Synthesis of Superconducting 2223 Compound in the Lead-Added Bi-Sr-Ca-Cu-O System. <i>Japanese Journal of Applied Physics</i> , 1990, 29, L1412-L1414. | 1.6 | 17 |
| 484 | Specific Conductance and Free Ion Behavior of Component Ions in Molten Alkali Halides. <i>Journal of the Electrochemical Society</i> , 1990, 137, 1166-1169. | 2.9 | 5 |
| 485 | Evidence of Sr-Deficiency in $\text{Bi}_2\text{Sr}_{2-x}\text{Ca}_x\text{Cu}_2\text{O}_8$ and Preparation of Stoichiometric Semiconducting $\text{Bi}_2\text{Sr}_2\text{Ca}_1\text{Cu}_2\text{O}_8$. <i>Japanese Journal of Applied Physics</i> , 1989, 28, L364-L367. | 1.6 | 36 |
| 486 | The effect of La substitution on the superconductivity of $\text{Ba}_2\text{YCu}_3\text{O}_y$. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 157, 83-88. | 1.2 | 37 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 487 | Specific heats of Tl Ba Ca Cu O superconductors. Physica C: Superconductivity and Its Applications, 1989, 162-164, 488-489. | 1.2 | 6 |
| 488 | Synthesis of BaTiO _{2.5} with oxygen-deficient perovskite structure. Journal of Solid State Chemistry, 1989, 82, 172-175. | 3.0 | 9 |
| 489 | The determination of Gibbs energy of the exchange reaction of sulphides using beta-alumina solid electrolyte. Journal of Materials Science, 1988, 23, 1395-1398. | 3.7 | 3 |
| 490 | Thermodynamic Stability of K ⁺ -beta-Alumina. Journal of the American Ceramic Society, 1988, 71, C-36-C-39. | 3.8 | 4 |
| 491 | Reproducible Processing for High-Tc Superconducting Tl-Ba-Ca-Cu-O-Phases. Japanese Journal of Applied Physics, 1988, 27, L1672-L1675. | 1.6 | 5 |
| 492 | Ion Selectivity of Beta-Alumina during the Coulometric Titration of Liquid Pb-Na Alloys. Journal of the Electrochemical Society, 1988, 135, 2238-2242. | 2.9 | 8 |
| 493 | Thermodynamic Investigations of the Na-AgI System by the EMF Method Using Beta-Alumina Solid Electrolyte. Journal of the Electrochemical Society, 1987, 134, 2365-2369. | 2.9 | 4 |
| 494 | Potentiometric study of the solid state ion-exchange reaction between \hat{I}^{\pm} -AgI and \hat{I}^{\pm} -alumina. Solid State Ionics, 1987, 22, 219-224. | 2.8 | 4 |
| 495 | Preparation of Pb ²⁺ Ion Conducting β -Alumina and Its Application to Thermodynamic Investigation of Sulfides. Transactions of the Japan Institute of Metals, 1986, 27, 134-140. | 0.5 | 8 |
| 496 | SO _x Sensor Using Ag ⁺ -Alumina Solid Electrolyte. Journal of Applied Electrochemistry, 1985, 13, 1512-1517. | 2.9 | 25 |
| 497 | The Determination of Gibbs Energy of the Exchange Reaction of Iodides Using Beta-Alumina Solid Electrolytes. Journal of the Electrochemical Society, 1986, 133, 1508-1512. | 2.9 | 9 |
| 498 | Measurement of Na ₂ O Activity in Beta-Alumina by EMF Method. Transactions of the Japan Institute of Metals, 1985, 26, 353-361. | 0.5 | 25 |
| 499 | Reaction of Beta-Alumina Solid Electrolyte with SO _x (x=2, 3) Gas. Transactions of the Japan Institute of Metals, 1985, 26, 17-25. | 0.5 | 15 |
| 500 | Solid Reference Electrode of SO ₂ Sensor Using β -Alumina Solid Electrolyte. Transactions of the Japan Institute of Metals, 1984, 25, 504-510. | 0.5 | 37 |
| 501 | Mass-spectrometric Measurements of Thermodynamic Properties of the Molten KCl-MnCl ₂ System. Bulletin of the Chemical Society of Japan, 1983, 56, 2415-2419. | 3.3 | 6 |
| 502 | Mass-spectrometric Measurements of Enthalpy and Entropy Changes for the Mixed Dimer Reaction: Na ₂ Cl ₂ (g)+K ₂ Cl ₂ (g)=2NaKCl ₂ (g). Bulletin of the Chemical Society of Japan, 1982, 55, 3643-3644. | 3.3 | 3 |
| 503 | Raman spectral study of the molten zinc chloride-potassium chloride system. Inorganic Chemistry, 1982, 21, 3552-3555. | 4.2 | 21 |
| 504 | Mass-spectrometric Measurement of Activities in Both Solid and Liquid Solutions of the KCl-NaCl System. Bulletin of the Chemical Society of Japan, 1981, 54, 3391-3395. | 3.3 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 505 | Ferroelectricity in Silver Perovskite Oxides. , 0, , . | | 3 |
| 506 | Raman Scattering Study on the Phase Transition Dynamics of Ferroelectric Oxides. , 0, , . | | 1 |
| 507 | Structures and Properties of Dielectrics and Ferroelectrics. , 0, , 643-664. | | 1 |
| 508 | Inversion of spin dependent photocurrent at Fe ₃ O ₄ /modulation doped GaAs heterointerfaces. Journal of Applied Physics, 0, . | 2.3 | 1 |