

Naoki Wakiya

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Preparation and characterization of epitaxially grown yttria-stabilized zirconia thin films on porous silicon substrates for solid oxide fuel cell applications. Journal of the Ceramic Society of Japan, 2022, 130, 464-470. | 1.1 | 2 |
| 2 | Molecular design effects of alkoxide-derived precursor solution on low-temperature crystallization of cubic garnet type Li ion conductor. Materials Letters, 2021, 283, 128747. | 2.6 | 8 |
| 3 | Enhanced Magnetoelectric Effects in Self-Assembled Hemispherical Close-Packed CoFe ₂ O ₃ -Pb(Zr _{0.52} Ti _{0.48})O ₃ Thin Film. Journal of Electronic Materials, 2021, 50, 1699-1706. | 2.2 | 4 |
| 4 | Magnetoelectric Studies of Close-Packed and Hierarchically Ordered CoFe ₂ O ₄ /Pb(Zr _{0.52} Ti _{0.48})O ₃ /La _{0.6} Sr _{0.4} MnO ₃ /LaNiO ₃ Multiferroic Thin Films. Journal of Electronic Materials, 2021, 50, 1678-1685. | 2.2 | 2 |
| 5 | Magnetic and Mechanical Properties of Iron-Based Soft Magnetic Composites Coated with Silane Synergized by Bi ₂ O ₃ . Journal of Electronic Materials, 2021, 50, 2425-2435. | 2.2 | 7 |
| 6 | As-grown Mn ₃ CuN thin films with high crystallinity prepared by dynamic aurora pulsed laser deposition. Journal of the Ceramic Society of Japan, 2021, 129, 377-382. | 1.1 | 1 |
| 7 | Development of dynamic aurora pulsed laser deposition equipped with reflection high-energy electron diffraction and effects of magnetic fields on room-temperature epitaxial growth of NiO thin film. Journal of the Ceramic Society of Japan, 2021, 129, 343-347. | 1.1 | 1 |
| 8 | Spontaneous superlattice formation and electrical properties of Sr-excess SrTiO ₃ thin film deposited on SrTiO ₃ (101) by dynamic aurora pulsed laser deposition. Journal of the Ceramic Society of Japan, 2021, 129, 390-396. | 1.1 | 2 |
| 9 | Dynamic Aurora PLD with Si and porous Si to prepare ZnFe ₂ O ₄ Thin films for liquefied petroleum gas sensing. Journal of the Ceramic Society of Japan, 2020, 128, 457-463. | 1.1 | 2 |
| 10 | Epitaxial growth of neodymia stabilized zirconia on Si(001) substrate using dynamic aurora PLD. Journal of the Ceramic Society of Japan, 2020, 128, 693-699. | 1.1 | 1 |
| 11 | Wide range lattice parameter control by aliovalent substitution to the rare-earth site in cubic garnet Li _{6.75} (La _{1-x} Sm _x) ₃ Zr _{1.75} Ta _{0.25} O ₁₉ . Journal of the Ceramic Society of Japan, 2020, 128, 700-705. | | |
| 12 | Preparation of flat cross section of thin films by perforation fracture method. Journal of the Ceramic Society of Japan, 2020, 128, 706-709. | 1.1 | 0 |
| 13 | Effect of deposition conditions and buffer layers on amorphous or polytype phase formation in Al ₂ O ₃ thin films by chemical vapor deposition using tri-methyl aluminum. Journal of the Ceramic Society of Japan, 2019, 127, 443-450. | 1.1 | 1 |
| 14 | Influence of Particle Size on the Spin Pinning Effect in the fcc-FePt Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2019, 32, 1501-1505. | 1.8 | 0 |
| 15 | Superparamagnetic magnesium ferrite/silica core-shell nanospheres: A controllable SiO ₂ coating process for potential magnetic hyperthermia application. Advanced Powder Technology, 2019, 30, 3171-3181. | 4.1 | 25 |
| 16 | Interface structure of Pb(Zr,Ti)O ₃ /MgO(001) epitaxial thin film in early stage of Stranski-Krastanov growth mode. Japanese Journal of Applied Physics, 2019, 58, SLLA08. | 1.5 | 4 |
| 17 | Properties of MgFe ₂ O ₄ Nanoparticles Synthesized by Ultrasonic Aerosol Pyrolysis for Biomedical Applications. Physics of the Solid State, 2019, 61, 1113-1121. | 0.6 | 4 |
| 18 | Magnetoelectric effect in free-standing multiferroic thin film. Journal of Alloys and Compounds, 2019, 787, 1128-1135. | 5.5 | 1 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Low temperature and fast growth of one-directionally grown aluminum nitride film by atmospheric pressure halide CVD method. Journal of the Ceramic Society of Japan, 2019, 127, 612-616. | 1.1 | 2 |
| 20 | Low-temperature processing of Garnet-type ion conductive cubic Li ₇ La ₃ Zr ₂ O ₁₂ powders for high performance all solid-type Li-ion batteries. Journal of the Taiwan Institute of Chemical Engineers, 2018, 90, 85-91. | 5.3 | 17 |
| 21 | Preparation of free-standing multilayer hemispherical shell thin film using monodisperse polymer template. Journal of Alloys and Compounds, 2018, 730, 369-375. | 5.5 | 3 |
| 22 | Influence of crystallite size on the magnetic and heat generation properties of La _{0.77} Sr _{0.23} MnO ₃ nanoparticles for hyperthermia applications. Journal of Physics and Chemistry of Solids, 2018, 112, 179-184. | 4.0 | 18 |
| 23 | Controlled synthesis of dense MgFe ₂ O ₄ nanospheres by ultrasonic spray pyrolysis technique: Effect of ethanol addition to precursor solvent. Advanced Powder Technology, 2018, 29, 283-288. | 4.1 | 16 |
| 24 | Magnetic-field-induced phase separation via spinodal decomposition in epitaxial manganese ferrite thin films. Science and Technology of Advanced Materials, 2018, 19, 507-516. | 6.1 | 11 |
| 25 | Cross Sectional Processing of Ferroelectric Thin Films by Ion-milling for AFM Analysis. Materia Japan, 2018, 57, 602-602. | 0.1 | 1 |
| 26 | As-grown enhancement of spinodal decomposition in spinel cobalt ferrite thin films by Dynamic Aurora pulsed laser deposition. Journal of Magnetism and Magnetic Materials, 2017, 432, 391-395. | 2.3 | 13 |
| 27 | Impact of precursor solution concentration to form superparamagnetic MgFe ₂ O ₄ nanospheres by ultrasonic spray pyrolysis technique for magnetic thermotherapy. Advanced Powder Technology, 2017, 28, 1696-1703. | 4.1 | 16 |
| 28 | Preparation of (La _{1-x} Sr _x)MnO ₃ thin films on Si (100) substrates by a metal-organic decomposition method for smart radiation devices. Thin Solid Films, 2017, 626, 154-158. | 1.8 | 6 |
| 29 | Charge screening strategy for domain pattern control in nano-scale ferroelectric systems. Scientific Reports, 2017, 7, 5236. | 3.3 | 14 |
| 30 | Progress and impact of magnetic field application during pulsed laser deposition (PLD) on ceramic thin films. Journal of the Ceramic Society of Japan, 2017, 125, 856-865. | 1.1 | 15 |
| 31 | Synthesis of Silica-Coated Magnetic Nanoparticles Using Acid Catalysis. Hosokawa Powder Technology Foundation ANNUAL REPORT, 2017, 25, 132-137. | 0.0 | 0 |
| 32 | Preparation and Analysis of New Phase of Calcium Aluminate Prepared by Solution Plasma Processing. Journal of the Society of Powder Technology, Japan, 2017, 54, 4-9. | 0.1 | 1 |
| 33 | Orientation control of SrRuO ₃ thin film on a Si substrate by chemical solution deposition for an electrode of lead zirconate titanate thin films. Materials Letters, 2016, 181, 74-77. | 2.6 | 10 |
| 34 | Magnetic-field-induced spontaneous superlattice formation via spinodal decomposition in epitaxial strontium titanate thin films. NPG Asia Materials, 2016, 8, e279-e279. | 7.9 | 19 |
| 35 | Effect of the reduction condition on the catalytic activity for steam reforming process using Ni doped LaAlO ₃ nano-particles. Advanced Powder Technology, 2016, 27, 179-183. | 4.1 | 9 |
| 36 | Synthesis and electrical properties of Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ epitaxial thin films on Si wafers using chemical solution deposition. Thin Solid Films, 2016, 603, 97-102. | 1.8 | 9 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Impact of acidic catalyst to coat superparamagnetic magnesium ferrite nanoparticles with silica shell via sol-gel approach. <i>Advanced Powder Technology</i> , 2016, 27, 541-549. | 4.1 | 20 |
| 38 | Catalytic Activities of Alkoxide-derived LaAlO_3 for Ethanol Steam Reforming Processing. <i>Transactions of the Materials Research Society of Japan</i> , 2015, 40, 51-54. | 0.2 | 1 |
| 39 | Effects of synthesis conditions on electrical properties of chemical solution deposition-derived $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbTiO_3 thin films. <i>Thin Solid Films</i> , 2015, 585, 86-90. | 1.8 | 10 |
| 40 | Investigations of superparamagnetism in magnesium ferrite nano-sphere synthesized by ultrasonic spray pyrolysis technique for hyperthermia application. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 392, 91-100. | 2.3 | 55 |
| 41 | Stress engineering for the design of morphotropic phase boundary in piezoelectric material. <i>Thin Solid Films</i> , 2015, 585, 91-94. | 1.8 | 6 |
| 42 | Thermal radiative properties of $(\text{La}_{1-x}\text{Sr}_x)\text{MnO}_3$ thin films fabricated on yttria-stabilized zirconia single-crystal substrate by pulsed laser deposition. <i>Thin Solid Films</i> , 2015, 593, 1-4. | 1.8 | 7 |
| 43 | Catalytic Activity for the Methane Steam Reforming Process Using Chemical Solution Deposition Derived Barium Titanate Hollow Particles with Perovskite Mono-phase. <i>Journal of the Society of Powder Technology, Japan</i> , 2014, 51, 337-342. | 0.1 | 4 |
| 44 | Low-temperature Synthesis of $12\text{CaO} \cdot 7\text{Al}_2\text{O}_3$ Particles by Solution Plasma Processing. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2014, 61, 93-98. | 0.2 | 1 |
| 45 | Fabrication of Vanadium Dioxide Nano-particles by Microemulsion Method with Controlled Phase Transition Temperatures. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2014, 61, 99-103. | 0.2 | 2 |
| 46 | 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 | 18 |
| 47 | Effects of Oxide Seeding Layers on Electrical Properties of Chemical Solution Deposition-Derived $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbTiO_3 Relaxor Thin Films. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 09KA07. | 1.5 | 0 |
| 48 | Stress state analysis of stress engineered BaTiO_3 thin film by LaNiO_3 bottom electrode. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 273-277. | 1.1 | 0 |
| 49 | Effect of facing annealing on crystallization and decomposition of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ thin films prepared by CSD technique using MOD solution. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 236-241. | 1.1 | 12 |
| 50 | Magnetic and photocatalytic properties of n- and p-type ZnFe_2O_4 particles synthesized using ultrasonic spray pyrolysis. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 26-30. | 1.1 | 13 |
| 51 | Effect of facing annealing on crystallization and decomposition of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ thin films prepared by CSD technique using MOD solution. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 326-326. | 1.1 | 0 |
| 52 | Magnetic field effects during deposition on crystal structure and magnetic properties of $\text{BaFe}_{12}\text{O}_{19}$ thin films prepared using PLD in the magnetic field (Dynamic aurora PLD). <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 45-48. | 1.1 | 6 |
| 53 | Micro/Crystal structure analysis of CSD derived porous LaNiO_3 electrode films. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 619-622. | 1.1 | 4 |
| 54 | Effect of step edges on the growth of Pt thin films on oxide single-crystal substrates. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 278-282. | 1.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | TEM MICROSTRUCTURE ANALYSIS FOR COMPRESSIVELY STRESSED $\text{Pb}(\text{Zr,Ti})\text{O}_3$ THIN FILMS BY CSD-DERIVED LaNiO_3 BOTTOM ELECTRODES. Functional Materials Letters, 2012, 05, 1260016. | 1.2 | 3 |
| 56 | Strain-Induced Electrical Properties of Lead Zirconate Titanate Thin Films on a Si wafer with Controlled Oxide Electrode Structure. Japanese Journal of Applied Physics, 2012, 51, 09LA13. | 1.5 | 5 |
| 57 | BaTiO_3 THIN FILM BY CSD FROM MOLECULAR-DESIGNED PRECURSOR SOLUTION. Functional Materials Letters, 2012, 05, 1260007. | 1.2 | 1 |
| 58 | Low temperature processing of alkoxy-derived PMN thin films. IOP Conference Series: Materials Science and Engineering, 2012, 30, 012002. | 0.6 | 3 |
| 59 | Effect of Thermal Stress on Orientation Control of CSD-Derived $\text{Pb}(\text{Zr}_{0.53}\text{Ti}_{0.47})\text{O}_3$ Thin Films. International Journal of Applied Ceramic Technology, 2012, 9, 868-875. | 2.1 | 9 |
| 60 | Strain-Induced Electrical Properties of Lead Zirconate Titanate Thin Films on a Si wafer with Controlled Oxide Electrode Structure. Japanese Journal of Applied Physics, 2012, 51, 09LA13. | 1.5 | 3 |
| 61 | Low-temperature Synthesis of Functional Oxide Nanopowders by Sol-Gel method from Molecular-designed Metal Alkoxides. Journal of the Society of Powder Technology, Japan, 2012, 49, 378-389. | 0.1 | 1 |
| 62 | Fabrication of $12\text{CaO} \cdot 7\text{Al}_2\text{O}_3$ powders with high specific surface area by sol-gel and ball-milling method. Journal of the Ceramic Society of Japan, 2011, 119, 460-463. | 1.1 | 12 |
| 63 | Microstructure and electrical properties of BaTiO_3 thin films by modified CSD. Journal of the Ceramic Society of Japan, 2011, 119, 498-501. | 1.1 | 4 |
| 64 | Fabrication of transition temperature controlled W-doped VO_2 nano particles by aqueous solution. Journal of the Ceramic Society of Japan, 2011, 119, 522-524. | 1.1 | 9 |
| 65 | Synthesis and hyperthermia property of hydroxyapatite-ferrite hybrid particles by ultrasonic spray pyrolysis. Journal of Magnetism and Magnetic Materials, 2011, 323, 965-969. | 2.3 | 53 |
| 66 | Preparation of heteroepitaxial SrRuO_3 thin film on Si substrate and microstructure of BaTiO_3 - NiFe_2O_4 epitaxial composite thin film deposited on the SrRuO_3 bottom electrode using PLD. Materials Research Society Symposia Proceedings, 2011, 1308, 71201. | 0.1 | 0 |
| 67 | Ferroelectricity of SrTiO_3 Thin Films Prepared by Dynamic-Aurora Pulsed Laser Deposition. Key Engineering Materials, 2011, 485, 11-14. | 0.4 | 1 |
| 68 | Fabrication of two-dimensional close-packed shell structure in ceramic thin films. Science and Technology of Advanced Materials, 2011, 12, 034405. | 6.1 | 3 |
| 69 | Magnetic and optical properties of MgAl_2O_4 - $(\text{Ni}_{0.5}\text{Zn}_{0.5})\text{Fe}_2\text{O}_4$ thin films prepared by pulsed laser deposition. Science and Technology of Advanced Materials, 2011, 12, 034408. | 6.1 | 5 |
| 70 | Effect of Stress Engineering on the Electrical Properties of BaTiO_3 Thin Film. Japanese Journal of Applied Physics, 2011, 50, 09NA03. | 1.5 | 12 |
| 71 | Magnetic Properties of Epitaxial NiFe_2O_4 Thin Films Prepared Using Dynamic Aurora PLD in a Magnetic Field. Key Engineering Materials, 2011, 485, 221-224. | 0.4 | 5 |
| 72 | Effect of Stress Engineering on the Electrical Properties of BaTiO_3 Thin Film. Japanese Journal of Applied Physics, 2011, 50, 09NA03. | 1.5 | 3 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Milling Effect of Calcium Aluminate Fine Particle Prepared by Chemical Solution Processing. Journal of the Society of Powder Technology, Japan, 2010, 47, 304-309. | 0.1 | 0 |
| 74 | Effect of bottom electrode structure on electrical properties of BaTiO ₃ thin films fabricated by CSD method. Journal of the Ceramic Society of Japan, 2010, 118, 669-673. | 1.1 | 7 |
| 75 | Enhanced electrical properties of ferroelectric thin films with electric field induced domain control. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 25-28. | 3.5 | 3 |
| 76 | Preparation of hydroxyapatite/ferrite composite particles by ultrasonic spray pyrolysis. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 195-198. | 3.5 | 42 |
| 77 | Low-temperature crystallization of CSD-derived PZT thin film with laser annealing. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 89-93. | 3.5 | 12 |
| 78 | Solution derived 12CaO·7Al ₂ O ₃ thin films on MgO(100) substrate. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 21-24. | 3.5 | 6 |
| 79 | Effect of the electrode structure on the electrical properties of alkoxide derived ferroelectric thin film. Materials Letters, 2010, 64, 1742-1744. | 2.6 | 13 |
| 80 | Nanostructure and strain analysis of CeO ₂ /YSZ strained superlattice. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 220-228. | 3.5 | 2 |
| 81 | Comparison of Thermal Stability of Epitaxially Grown (La _{0.5} Sr _{0.5})CoO ₃ and (La _{0.6} Sr _{0.4})MnO ₃ Thin Films Deposited on Si Substrate. Key Engineering Materials, 2010, 445, 160-163. | 0.4 | 0 |
| 82 | Preparation and Characterization of Alkoxide-Derived Lead-Free Piezoelectric Barium Zirconate Titanate Thin Films with Different Compositions. Japanese Journal of Applied Physics, 2010, 49, 09MA11. | 1.5 | 11 |
| 83 | Preparation of MgIn ₂ O ₄ Epitaxial Oxide Electrode with Spinel Structure and Heteroepitaxial Growth of BaTiO ₃ /NiFe ₂ O ₄ Multiferroic Composite Thin Film. Japanese Journal of Applied Physics, 2009, 48, 09KB06. | 1.5 | 7 |
| 84 | Low-Frequency Raman Spectroscopy in Pb(Zn _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ Mixed Crystals. Ferroelectrics, 2009, 378, 84-91. | 0.6 | 3 |
| 85 | Oxygen sensitivity of perovskite-type dielectric thin films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 161, 142-145. | 3.5 | 18 |
| 86 | Oxygen-Enhanced Crystallization of Solution-Derived 12CaO·7Al ₂ O ₃ . Journal of the American Ceramic Society, 2009, 92, S189. | 3.8 | 5 |
| 87 | Spray Pyrolysis of Fe ₃ O ₄ -BaTiO ₃ Composite Particles. Journal of the American Ceramic Society, 2009, 92, S177-S180. | 3.8 | 6 |
| 88 | Valence-EELS analysis of local electronic and optical properties of PMN/PT epitaxial film. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 161, 160-165. | 3.5 | 17 |
| 89 | Ferroelectric Properties of Epitaxial BiFe _{0.9} Mn _{0.03} O ₃ Thin Films with Different Crystal Orientations Deposited on Buffered Si Substrates. Key Engineering Materials, 2009, 421-422, 111-114. | 0.4 | 0 |
| 90 | Doping effect of Dy on leakage current and oxygen sensing property of SrTiO ₃ thin film prepared by PLD. Journal of the Ceramic Society of Japan, 2009, 117, 1004-1008. | 1.1 | 3 |

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|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Stress engineering of the alkoxide derived ferroelectric thin film on Si wafer. Journal of the Ceramic Society of Japan, 2009, 117, 1089-1094. | 1.1 | 27 |
| 92 | Low-temperature crystallization of CSD-derived PZT thin film with laser assisted annealing. Journal of the Ceramic Society of Japan, 2009, 117, 950-953. | 1.1 | 12 |
| 93 | Shape controlled ZnO nanoparticle prepared by microwave irradiation method. Journal of the Ceramic Society of Japan, 2009, 117, 961-963. | 1.1 | 4 |
| 94 | Transition Layer in ZrO ₂ Ultra-Thin Film by Aberration-corrected TEM. Materia Japan, 2009, 48, 599-599. | 0.1 | 0 |
| 95 | Thermochromic tungsten doped VO ₂ -SiO ₂ nano-particle synthesized by chemical solution deposition technique. Journal of the Ceramic Society of Japan, 2009, 117, 970-972. | 1.1 | 8 |
| 96 | Effect of Back-Etching on Electrical Properties of (111) - oriented PZT thin films. Transactions of the Materials Research Society of Japan, 2009, 34, 113-116. | 0.2 | 0 |
| 97 | Advantage of the structure and the electrical properties of epitaxial ultra-thin zirconia gate dielectrics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 148, 30-34. | 3.5 | 7 |
| 98 | Effect of SrTiO ₃ seed layer deposition time and thickness on low-temperature crystallization and electrical properties of Pb(Zr, Ti)O ₃ films by metalorganic chemical vapor deposition. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 148, 22-25. | 3.5 | 7 |
| 99 | Fabrication and optical properties of Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ thin films on Si substrates using the PLD method. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 1023-1028. | 3.0 | 15 |
| 100 | Oxygen Sensing Properties of SrTiO ₃ Thin Films. Japanese Journal of Applied Physics, 2008, 47, 7486-7489. | 1.5 | 23 |
| 101 | Origin of Compressive Residual Stress in Alkoxide Derived PbTiO ₃ Thin Film on Si Wafer. Japanese Journal of Applied Physics, 2008, 47, 7514-7518. | 1.5 | 13 |
| 102 | Modification of Ferroelectric Properties of BaTiO ₃ â€“CoFe ₂ O ₄ Multiferroic Composite Thin Film by Application of Magnetic Field. Japanese Journal of Applied Physics, 2008, 47, 7603-7606. | 1.5 | 19 |
| 103 | Effect of Back-Etching on Electrical Properties of (001)&(100) Oriented PZT(30/70) Thin Films. Ferroelectrics, 2008, 370, 119-125. | 0.6 | 2 |
| 104 | Preparation of Epitaxial Pt Bottom Electrode and Tunability of (Ba,Sr)TiO ₃ Thin Film Deposited on Si Substrate. Ferroelectrics, 2008, 370, 132-139. | 0.6 | 0 |
| 105 | Polarized Raman Study in Pb(Zn _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ Mixed Crystal. Ferroelectrics, 2008, 376, 74-80. | 0.6 | 0 |
| 106 | Electrooptic Properties of Epitaxial Lead Zirconate Titanate Films on Silicon Substrates. Japanese Journal of Applied Physics, 2007, 46, 6929. | 1.5 | 19 |
| 107 | Role of SrTiO ₃ Seed Layer on Low-temperature Crystallization of Pb(Zr, Ti)O ₃ Films Prepared by Metalorganic Chemical Vapor Deposition. Materials Research Society Symposia Proceedings, 2007, 1034, 7. | 0.1 | 0 |
| 108 | Effect of Film Thickness on Electrical Properties of Chemical Solution Deposition-Derived Pb(Zr _x Ti _{1-x})O ₃ /LaNiO ₃ /Si. Japanese Journal of Applied Physics, 2007, 46, 6925-6928. | 1.5 | 19 |

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|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Preparation and Structure of Lead Magnesium Niobate Titanate Film by Double-Pulse Excitation using Nd:YAG and KrF Excimer Lasers. Japanese Journal of Applied Physics, 2007, 46, 657-659. | 1.5 | 7 |
| 110 | Fabrication and Optical Properties of $\text{Pb}(\text{Mg}^{1/3}\text{Nb}^{2/3})\text{O}_3\text{-PbTiO}_3$ Thin Films on Si Substrates by PLD Method. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , . | 0.0 | 0 |
| 111 | Preparation of AlN thin films by means of CVD using iodide source under atmospheric pressure. Materials Research Society Symposia Proceedings, 2007, 1040, 1. | 0.1 | 0 |
| 112 | Effect of Source Supply Methods on Low-Temperature Preparation of Lead Zirconate Titanate Thin Films Using SrTiO_3 Seed Layers by Metallorganic Chemical Vapor Deposition. Solid State Phenomena, 2007, 124-126, 153-156. | 0.3 | 3 |
| 113 | Preparation of InN by Means of AP-HCVD Using In Buffer Layers. Materials Research Society Symposia Proceedings, 2007, 1040, 1. | 0.1 | 0 |
| 114 | Fabrication of HfO_2 Thin Film on Si Substrate by Double-Pulse Excitation PLD. Key Engineering Materials, 2007, 350, 129-132. | 0.4 | 0 |
| 115 | Fabrication and Microstructural Change of PMN-PT Thin Films on Si Substrates by PLD with Mask and Double-Pulse Lazer Excitation. Key Engineering Materials, 2007, 350, 111-114. | 0.4 | 6 |
| 116 | Effect of Oxygen Annealing on Ferroelectricity of BiFeO_3 Thin Films Formed by Pulsed Laser Deposition. Japanese Journal of Applied Physics, 2007, 46, 3491-3494. | 1.5 | 21 |
| 117 | The effect of SrTiO_3 seed and application of in-situ magnetic field on the preparation of $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ thin film by pulsed laser deposition. Transactions of the Materials Research Society of Japan, 2007, 32, 99-104. | 0.2 | 0 |
| 118 | Room-Temperature Electrical-Field Induced Oxygen Diffusion of Aluminum/Yttria-Stabilized Zirconia Thin Film Grown on Si Substrate. Japanese Journal of Applied Physics, 2006, 45, 8827-8831. | 1.5 | 2 |
| 119 | Atomic-Scale Structure Investigation of $\text{CeO}_2/\text{YSZ}/\text{Si}$ Hetero-Interface by High Resolution Analytical Electron Microscope. Bunseki Kagaku, 2006, 55, 419-426. | 0.2 | 0 |
| 120 | Activation Energy of Oxygen Vacancy Diffusion of Yttria-Stabilized-Zirconia Thin Film Determined from DC Current Measurements below 150 °C. Japanese Journal of Applied Physics, 2006, 45, L525-L528. | 1.5 | 6 |
| 121 | Electrooptic Properties of Lead Zirconate Titanate Films Prepared on Silicon Substrate. Japanese Journal of Applied Physics, 2006, 45, 7516-7519. | 1.5 | 10 |
| 122 | Diffusion Behavior at the Interface of $(\text{Ba}, \text{Sr})\text{TiO}_3(\text{BST})/\text{Electrode}/\text{Buffer Layer}/\text{Si}$ Epitaxial Multi-Layer Thin Film. Key Engineering Materials, 2006, 301, 257-260. | 0.4 | 0 |
| 123 | Investigation of Domain Structure and Electrical Properties of Monoclinic Epitaxial Zirconia Buffer Layer. Key Engineering Materials, 2006, 301, 261-264. | 0.4 | 0 |
| 124 | In Situ Simultaneous Observation of Phase Transition and Electrical Properties of $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ Thin Film by High Temperature XRD and Electrical Measurement Apparatus. Key Engineering Materials, 2006, 320, 53-56. | 0.4 | 1 |
| 125 | Preparation of Epitaxial LiTaO_3 Thin Films by Metal Organic Chemical Vapor Deposition and its Electrical and Optical Properties. Key Engineering Materials, 2006, 320, 57-60. | 0.4 | 4 |
| 126 | Ferroelectricity of BiFeO_3 Thin Films by Pulsed Laser Deposition and Effect of Atmosphere. Key Engineering Materials, 2006, 320, 45-48. | 0.4 | 0 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Preparation and Optical Properties of Epitaxial Pb(Mg _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ Thin Film on Si Substrates with Buffer Layer Using Pulsed Laser Deposition. Key Engineering Materials, 2006, 301, 265-268. | 0.4 | 6 |
| 128 | Effect on Crystal Orientation on Residual Stress and Electrical Properties of a PZT Thin Film Deposited on Buffered-Si Substrate. Key Engineering Materials, 2006, 320, 65-68. | 0.4 | 1 |
| 129 | Impact of thin SrTiO ₃ seed layer to achieve low-temperature crystallization below 300°C and ferroelectricity of lead zirconate titanate thin film. Applied Physics Letters, 2006, 89, 202907. | 3.3 | 24 |
| 130 | High-resolution TEM Analysis of ZrO ₂ Gate Dielectrics Co-doped with Y ₂ O ₃ -Ta ₂ O ₅ . Materia Japan, 2006, 45, 841-841. | 0.1 | 0 |
| 131 | High-temperature in situ Cross-sectional Transmission Electron Microscopy Investigation of Crystallization Process of Yttrium-stabilized Zirconia/Si and Yttrium-stabilized Zirconia/SiO _x /Si Thin Films. Journal of Materials Research, 2005, 20, 1878-1887. | 2.6 | 5 |
| 132 | Stress Control and Ferroelectric Properties of Lead Zirconate Titanate (PZT) Thin Film on Si Substrate with Buffer Layers. Japanese Journal of Applied Physics, 2005, 44, 6900-6904. | 1.5 | 17 |
| 133 | Stress-induced magnetization for epitaxial spinel ferrite film through interface engineering. Applied Physics Letters, 2004, 85, 1199-1201. | 3.3 | 39 |
| 134 | Modification of drain current on metal-oxide-semiconductor field-effect transistor by magnetic field induced by remanent magnetization. Applied Physics Letters, 2004, 85, 3772-3774. | 3.3 | 5 |
| 135 | In-Situ Magnetic Field Induced Structure and Properties of Epitaxial Spinel Ferrite Thin Films Prepared by Pulsed Laser Deposition (PLD) (Dynamic Aurora PLD Method). Materials Research Society Symposia Proceedings, 2004, 853, 63. | 0.1 | 0 |
| 136 | AEM Investigation of Interface Structure of Y ₂ O ₃ -Ta ₂ O ₅ Co-Doped Zirconia Buffer Layer. Key Engineering Materials, 2004, 269, 237-240. | 0.4 | 3 |
| 137 | Improvement of Magnetic Properties of (111)-Epitaxial Nickel-Zinc-Ferrite Thin Films Deposited on Si Platform. Key Engineering Materials, 2004, 269, 245-0. | 0.4 | 8 |
| 138 | Dielectric Properties and its Frequency Dependence of BaTiO ₃ Thin Film Single-Layer Capacitor that is Applicable to Multilayer Structure. Key Engineering Materials, 2004, 269, 229-232. | 0.4 | 1 |
| 139 | The Effect of Nb Doping to Control the Oxygen Defect and Improve C-V Properties of PLD Prepared YSZ Thin Film. Key Engineering Materials, 2004, 269, 233-236. | 0.4 | 0 |
| 140 | IN-SITU TEM INVESTIGATION OF STRUCTURAL CHANGES IN ZIRCONIA/SILICON HETEROSTRUCTURES AT ELEVATED TEMPERATURE. International Journal of Nanoscience, 2004, 03, 699-705. | 0.7 | 1 |
| 141 | Effects of Heating Process on Crystalline Orientation and Electrical Properties of (Bi,Lu)4Ti3O12 Thin Films Derived by Chemical Solution Deposition Method. Integrated Ferroelectrics, 2004, 62, 189-192. | 0.7 | 1 |
| 142 | Proposal of general rule to prepare epitaxial ceramic thin films at low temperature from the point of crystal chemistry. Ceramics International, 2004, 30, 1247-1251. | 4.8 | 2 |
| 143 | Effect of Substrate Size on Crystalline Orientation and Electrical Properties of (Bi, Lu)4Ti3O12 Thin Films. Journal of the Ceramic Society of Japan, 2004, 112, 266-270. | 1.3 | 3 |
| 144 | Growth of highly (001)-textured strontium barium niobate thin films on epitaxial LaNiO ₃ /CeO ₂ /YSZ/Si(100). Thin Solid Films, 2003, 426, 62-67. | 1.8 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 145 | HRTEM investigation of the 90° domain structure and ferroelectric properties of multi-layered PZT thin films. <i>Microelectronic Engineering</i> , 2003, 66, 708-712. | 2.4 | 10 |
| 146 | Preparation of conductive LaNiO ₃ film electrodes by a simple chemical solution deposition technique for integrated ferroelectric thin film devices. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 1217-1221. | 2.8 | 30 |
| 147 | Improvement of C-V Characteristics and Control of Interlayer Growth of Rare Earth Oxide Stabilized Zirconia Epitaxial Gate Dielectrics. <i>Key Engineering Materials</i> , 2003, 248, 137-142. | 0.4 | 6 |
| 148 | Preparation and Semiconducting Properties of Nb-Doped-SrTiO ₃ Thin Films having Controlled Crystal Orientation by MOCVD. <i>Key Engineering Materials</i> , 2003, 248, 111-116. | 0.4 | 0 |
| 149 | Effective Buffer Structures and Dielectric Properties of Epitaxial Pb(Mg _{1/3} Nb _{2/3})O ₃ Thin Films on Si Substrates. <i>Key Engineering Materials</i> , 2003, 248, 65-68. | 0.4 | 3 |
| 150 | Growth Behavior of Epitaxial MgO Films on Si(001) by Pulsed Laser Deposition. <i>Key Engineering Materials</i> , 2003, 253, 119-128. | 0.4 | 4 |
| 151 | Effect of Remanent Magnetization of Ferromagnetic Thin Film on I-V Characteristics of MOS Transistor: I-V Characteristics by Epitaxial (Mn, Zn)Fe ₂ O ₄ Thin Film on Gate Area. <i>Key Engineering Materials</i> , 2003, 248, 165-168. | 0.4 | 0 |
| 152 | Orientation Control of Bi-La-Ti-O Thin Films Derived by Chemical Solution Deposition Method. <i>Key Engineering Materials</i> , 2003, 248, 49-52. | 0.4 | 1 |
| 153 | Orientation Control and Domain Structure of Epitaxial (Ni,Zn)Fe ₂ O ₄ Thin Film for Ferromagnetic Memory Applications. <i>Key Engineering Materials</i> , 2003, 248, 169-172. | 0.4 | 2 |
| 154 | Effect of Remanent Magnetization of Ferromagnetic Thin Film on I-V Characteristics of MOS Transistor : I-V Characteristics of Circular and Opposite Patterned Ferromagnetic Thin Film Across Gate Area. <i>Key Engineering Materials</i> , 2003, 248, 173-178. | 0.4 | 0 |
| 155 | Effect of Source Supply Method on Microstructure Development in PZT Thin Films by Pulsed Metalorganic Chemical Vapor Deposition. <i>Key Engineering Materials</i> , 2003, 248, 53-56. | 0.4 | 1 |
| 156 | Epitaxial growth of SrTiO ₃ films on CeO ₂ /yttria-stabilized zirconia/Si(001) with TiO ₂ atomic layer by pulsed-laser deposition. <i>Applied Physics Letters</i> , 2003, 83, 4815-4817. | 3.3 | 36 |
| 157 | Structural and electrical characteristics of chemical-solution-derived (Bi,Lu) ₄ Ti ₃ O ₁₂ thin films with various Bi ₂ O ₃ template layers. <i>Journal of Applied Physics</i> , 2003, 93, 497-503. | 2.5 | 48 |
| 158 | Role of Ultra Thin SiO _x Layer on Epitaxial YSZ/SiO _x /Si Thin Film. <i>Integrated Ferroelectrics</i> , 2003, 51, 51-61. | 0.7 | 7 |
| 159 | Control of Crystal Orientations and Its Electrical Properties of PZT/Ru and PZT/RuO ₂ Thin Films by MOCVD. <i>Materials Research Society Symposia Proceedings</i> , 2003, 768, 381. | 0.1 | 1 |
| 160 | Structural and Electrical Properties of (Bi,Lu) ₄ Ti ₃ O ₁₂ Thin Films with a Bi ₂ O ₃ Top-Layer Prepared by a Chemical Solution Deposition Method. <i>Key Engineering Materials</i> , 2003, 248, 45-48. | 0.4 | 0 |
| 161 | SiO _x ; Formation Process between YSZ and Si Substrate in YSZ/Si Thin Films by In-Situ TEM Analysis. <i>Key Engineering Materials</i> , 2002, 216, 153-0. | 0.4 | 0 |
| 162 | Effects of deposition temperature on structural defect and electrical resistivity in heteroepitaxial La _{0.5} Sr _{0.5} CoO ₃ /CeO ₂ /YSZ/Si films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2002, 20, 1749-1754. | 2.1 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 163 | Role of Ultra Thin SiO _x Layer on Epitaxial YSZ/SiO _x /Si Thin Film as Multi Functional Buffer Layer by Nano-Probe and In-Situ TEM Investigation. Integrated Ferroelectrics, 2002, 45, 89-96. | 0.7 | 1 |
| 164 | Growth Mechanism of SrTiO ₃ Thin Film on CeO ₂ (001) Surface. Key Engineering Materials, 2002, 228-229, 137-140. | 0.4 | 8 |
| 165 | Effects of thermal coefficient and lattice constant mismatches on mosaic dispersion of heteroepitaxial YSZ/Si(001) thin films. Journal Physics D: Applied Physics, 2002, 35, 151-156. | 2.8 | 8 |
| 166 | Effects of Nb and Sr doping on crystal structure of epitaxial BaTiO ₃ thin films on MgO substrates. Journal Physics D: Applied Physics, 2002, 35, 1499-1503. | 2.8 | 4 |
| 167 | Orientation Control and Properties of Pb(Zr, Ti)O ₃ Thin Films Deposited on Ni-Zn-Ferrite for Novel Ferroelectric/Ferromagnetic Memory Applications. Japanese Journal of Applied Physics, 2002, 41, 7242-7248. | 1.5 | 10 |
| 168 | Film Thickness Dependence of Structural and Dielectric Properties of Pb(Mg _{1/3} Nb _{2/3})O ₃ /BaTiO ₃ /Pt/Ti/SiO ₂ /Si. Key Engineering Materials, 2002, 228-229, 87-92. | 0.4 | 3 |
| 169 | Preparation and Properties of Novel Heteroepitaxial Metal/Ferroelectric/Metal/Insulator/Semiconductor (FMIS) Structure for Pt/Pb(Zr,Ti)O ₃ /(La,Sr)CoO ₃ /SrTiO ₃ /(Ni,Zn,Fe)Fe ₂ O ₄ /(MgO-Al ₂ O ₃)/CeO ₂ /YSZ/Si Thin Films. Key Engineering Materials, 2002, 228-229, 75-80. | 0.4 | 1 |
| 170 | Preparation of Tungsten Bronze Type Ferroelectric Ba _{0.75} Y _{0.166} Nb ₂ O ₆ Thin Films by RF Magnetron Sputtering with LaNiO ₃ Bottom Electrodes. Key Engineering Materials, 2002, 228-229, 99-106. | 0.4 | 1 |
| 171 | Analysis of Formation Process of Ferroelectric Domain Structure in PZT Thin Films by In-Situ TEM. Key Engineering Materials, 2002, 228-229, 203-206. | 0.4 | 2 |
| 172 | Ferroelectric and Dielectric Properties of (Bi,La) ₄ Ti ₃ O ₁₂ /Pb(Zr,Ti)O ₃ Multilayer Thin Films on LaNiO ₃ -Coated Pt/Ti/SiO ₂ /Si Substrates. Key Engineering Materials, 2002, 228-229, 81-86. | 0.4 | 0 |
| 173 | Special Issue Ceramics Integration. Role of Ultra Thin SiO _x Layer for Epitaxial Growth of YSZ/SiO _x /(001)Si Thin Films.. Journal of the Ceramic Society of Japan, 2002, 110, 338-342. | 1.3 | 7 |
| 174 | Special Issue Ceramics Integration. Change of Residual Stresses and Electrical Properties of Pb(Zr,Ti)O ₃ Thin Films Upon Introducing Various Bottom Electrodes.. Journal of the Ceramic Society of Japan, 2002, 110, 421-427. | 1.3 | 6 |
| 175 | Special Issue Ceramics Integration. Effect of Composition and Crystallinity of Epitaxial Ni-Zn Ferrite Films by Pulsed Laser Deposition on their Magnetic Properties.. Journal of the Ceramic Society of Japan, 2002, 110, 428-431. | 1.3 | 3 |
| 176 | Special Issue Ceramics Integration. Influence of Residual Stress on Structural and Dielectric Properties of Pb(Mg _{1/3} Nb _{2/3})O ₃ /BaTiO ₃ /Pt/Ti/SiO ₂ /Si Multi-Layered Thin Films.. Journal of the Ceramic Society of Japan, 2002, 110, 455-459. | 1.3 | 0 |
| 177 | Improvement of capacitance-voltage (C-V) characteristics of YSZ/Si(001) and ZrO ₂ /Si thin film by Nb-doping. Materials Research Society Symposia Proceedings, 2002, 745, 911/T7.1.1. | 0.1 | 0 |
| 178 | Hrtem Investigation of Effect of Various Rare Earth Oxide Dopants on Epitaxial Zirconia High-K Gate Dielectrics. Materials Research Society Symposia Proceedings, 2002, 745, 971/T7.7.1. | 0.1 | 0 |
| 179 | Role of the First Atomic Layers in Epitaxial Relationship and Interface Characteristics of SrTiO ₃ Films on CeO ₂ /YSZ/Si(001). Materials Research Society Symposia Proceedings, 2002, 747, 1. | 0.1 | 1 |
| 180 | Epitaxial Growth and Magnetic Behavior of (Ni,Zn)Fe ₂ O ₄ Thin Films on Si Substrate Using Designed Buffer Layers for Novel Memory Application. Materials Research Society Symposia Proceedings, 2002, 747, 1. | 0.1 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 181 | Improvement of capacitance-voltage (C-V) characteristics of YSZ/Si(001) and ZrO ₂ /Si thin film by Nb-doping. Materials Research Society Symposia Proceedings, 2002, 747, 1. | 0.1 | 0 |
| 182 | HRTEM Investigation of Effect of Various Rare Earth Oxide Dopants on Epitaxial Zirconia High-k Gate Dielectrics. Materials Research Society Symposia Proceedings, 2002, 747, 1. | 0.1 | 0 |
| 183 | Ferroelectric and Dielectric Properties of Chemical-Solution-Derived Bismuth Lanthanum Titanate Thin Films with Various Bismuth Oxide Template layers. Materials Research Society Symposia Proceedings, 2002, 748, 1. | 0.1 | 0 |
| 184 | HRTEM investigation of 90° Domain Configuration and P-E Hysteresis Loop of Epitaxial PZT Multilayered Thin Films. Materials Research Society Symposia Proceedings, 2002, 748, 1. | 0.1 | 3 |
| 185 | Special Issue Ceramics Integration. Crystal Growth of Pb(Zr,Ti)O ₃ (PZT) Thin Film by Introducing SrTiO ₃ Seed Buffer Layer.. Journal of the Ceramic Society of Japan, 2002, 110, 358-361. | 1.3 | 3 |
| 186 | Special Issue Ceramics Integration. Controlling Crystallinity and Crystal Orientation of PbTiO ₃ and Pb(Zr,Ti)O ₃ Thin Films by Introducing Different Seed Layers.. Journal of the Ceramic Society of Japan, 2002, 110, 362-367. | 1.3 | 3 |
| 187 | Special Issue Ceramics Integration. Effects of Ambient Gas and Film Thickness on Orientation and Surface Morphology of Sr _{0.5} Ba _{0.5} Nb ₂ O ₆ Thin Films Prepared by Pulsed Laser Deposition.. Journal of the Ceramic Society of Japan, 2002, 110, 368-372. | 1.3 | 1 |
| 188 | Special Issue Ceramics Integration. Growth Behavior of Bi and Nb Co-Added-SrTiO ₃ Thin Film Exhibiting Varistor Characteristics by Metal-Organic Chemical Vapor Deposition.. Journal of the Ceramic Society of Japan, 2002, 110, 416-420. | 1.3 | 1 |
| 189 | Special Issue Ceramics Integration. Comparative Study of Electrical Properties of Several (Bi,Lu) ₄ Ti ₃ O ₁₂ /Pb(Zr,Ti)O ₃ Composite Thin Films Prepared by a Chemical Solution Deposition Method.. Journal of the Ceramic Society of Japan, 2002, 110, 460-464. | 1.3 | 0 |
| 190 | Special Issue Ceramics Integration. Preparation of Epitaxial YSZ Thin Film Deposited on SiO ₂ /Si(001) at Room Temperature by Pulsed Laser Deposition(PLD).. Journal of the Ceramic Society of Japan, 2002, 110, 333-337. | 1.3 | 4 |
| 191 | Special Issue Ceramics Integration. Electrical Properties of Epitaxial La _{0.5} Sr _{0.5} CoO ₃ (LSCO) Thin Films Prepared in Low Oxygen Pressure.. Journal of the Ceramic Society of Japan, 2002, 110, 353-357. | 1.3 | 5 |
| 192 | Preparation and Properties of Novel Ferroelectric and Ferromagnetic Array Structure Thin Film. Ferroelectrics, 2002, 273, 149-154. | 0.6 | 9 |
| 193 | Ferroelectric properties of sandwich structured (Bi, Lu) ₄ Ti ₃ O ₁₂ /Pb(Zr, Ti)O ₃ / (Bi, Lu) ₄ Ti ₃ O ₁₂ thin films on Pt/Ti/SiO ₂ /Si substrates. Journal Physics D: Applied Physics, 2002, 35, L1-L5. | 2.8 | 56 |
| 194 | Structural, dielectric, and ferroelectric properties of PbTiO ₃ thin films by a simple sol-gel technique. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2002, 94, 269-274. | 3.5 | 37 |
| 195 | Stabilization of perovskite Pb(Mg _{1/3} Nb _{2/3})O ₃ thin film by a thin BaTiO ₃ buffer layer on Pt/Ti/SiO ₂ /Si. Thin Solid Films, 2002, 409, 248-253. | 1.8 | 12 |
| 196 | RF-magnetron-sputtered heteroepitaxial YSZ and CeO ₂ /YSZ/Si(001) thin films with improved capacitance-voltage characteristics. Thin Solid Films, 2002, 411, 268-273. | 1.8 | 19 |
| 197 | Low-temperature epitaxial growth of conductive LaNiO ₃ thin films by RF magnetron sputtering. Thin Solid Films, 2002, 410, 114-120. | 1.8 | 54 |
| 198 | Improved electrical properties of (Pb, δ La)TiO ₃ thin films using compositionally and structurally compatible LaNiO ₃ thin films as bottom electrodes. Applied Physics Letters, 2001, 78, 3286-3288. | 3.3 | 47 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 199 | Band-gap energies of sol-gel-derived SrTiO ₃ thin films. Applied Physics Letters, 2001, 79, 3767-3769. | 3.3 | 181 |
| 200 | Phase Transformation and Densification Behavior of La-Modified Lead Metaniobate Ceramics.. Journal of the Ceramic Society of Japan, 2001, 109, 89-93. | 1.3 | 7 |
| 201 | Effect of the Thickness of SiO ₂ under Layer on the Initial Stage of Epitaxial Growth Process of Yttria-Stabilized Zirconia (YSZ) Thin Film Deposited on Si(001) Substrate.. Journal of the Ceramic Society of Japan, 2001, 109, 766-770. | 1.3 | 21 |
| 202 | Proposal and preparation of novel fluorite/spinel heteroepitaxial double buffer layer structure on Si(001) for FET-type frim application. Ferroelectrics, 2001, 259, 277-282. | 0.6 | 5 |
| 203 | Preparation of epitaxial YSZ thin film on Si(001) using metal and oxide targets by RF-magnetron sputtering. Ferroelectrics, 2001, 260, 249-254. | 0.6 | 3 |
| 204 | Preparation of heteroepitaxial Pb(Mg _{1/3} Nb _{2/3})O ₃ (PMN) thin film by pulsed laser deposition on Si(001) substrate using La _{0.5} Sr _{0.5} CoO ₃ (LSCO)/CeO ₂ /YSZ triple buffer. Thin Solid Films, 2001, 384, 189-194. | 1.8 | 21 |
| 205 | Defects in heteroepitaxial CeO ₂ /YSZ/Si(001) films by precise X-ray rocking curve distribution fitness. Physica B: Condensed Matter, 2001, 308-310, 1050-1053. | 2.7 | 2 |
| 206 | Effect of Ti Source on Preparation of Pb-Based Oxide Thin Films Using LSCVD. Key Engineering Materials, 2001, 214-215, 129-132. | 0.4 | 0 |
| 207 | Preparation and Magnetic Properties of Heteroepitaxial NiFe ₂ O ₄ /(MgO-Al ₂ O ₃)/CeO ₂ /YSZ/Si(001) Thin Film. Key Engineering Materials, 2001, 214-215, 171-176. | 0.4 | 1 |
| 208 | Effects of Deposition Temperature on Structure and Resistivity of Epitaxial La _{0.5} Sr _{0.5} CoO ₃ /CeO ₂ /YSZ/Si(001) Films. Key Engineering Materials, 2001, 214-215, 177-182. | 0.4 | 0 |
| 209 | Conduction Mechanism of La-, Nb-Doped BaTiO ₃ Thin Films by Doping MOCVD. Key Engineering Materials, 2001, 216, 87-92. | 0.4 | 1 |
| 210 | Effect of Yttria-Stabilized Zirconia Thickness on Crystal Structure and Electric Property of Epitaxial CeO ₂ /Yttria-Stabilized Zirconia Buffer Layer in Metal/Ferroelectric/Insulator/Semiconductor Structure. Japanese Journal of Applied Physics, 2001, 40, 281-284. | 1.5 | 16 |
| 211 | Abnormal ferroelectric properties of compositionally graded Pb(Zr,Ti)O ₃ thin films with LaNiO ₃ bottom electrodes. Journal of Applied Physics, 2001, 90, 506-508. | 2.5 | 36 |
| 212 | Morphotropic Phase Boundary (MPB) of Tungsten Bronze Type New Compounds (Pb _{1-x} La _{2x/3}) ₅ Nb ₁₀ O ₃₀ (X=0.0-0.50).. Journal of the Ceramic Society of Japan, 2000, 108, 785-789. | 1.3 | 3 |
| 213 | Structural Study of PbZn _{1/3} Nb _{2/3} O ₃ by Single Crystal X-ray Diffraction and EXAFS.. Journal of the Ceramic Society of Japan, 2000, 108, 617-622. | 1.3 | 2 |
| 214 | Effects of Oxygen Partial Pressure and Laser Energy Density on the Heteroepitaxial Growth of YSZ on Si(001) by Pulsed Laser Deposition.. Journal of the Ceramic Society of Japan, 2000, 108, 777-779. | 1.3 | 0 |
| 215 | Effect of the Residual Stress Induced by External Stress Application on Dielectric Properties of Epitaxial Lead Titanate Film.. Journal of the Ceramic Society of Japan, 2000, 108, 21-25. | 1.3 | 4 |
| 216 | Structural and Ferroelectric Properties of (1-X)Ba _{3.75} Y _{0.83} Nb ₁₀ O ₃₀ -XBa _{3.75} Sm _{0.83} Nb ₁₀ O ₃₀ Solid Solutions.. Journal of the Ceramic Society of Japan, 2000, 108, 36-39. | 1.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 217 | Redox Reaction of Praseodymium Oxide in the ZnO Sintered Ceramics. Journal of Solid State Chemistry, 2000, 149, 349-353. | 2.9 | 6 |
| 218 | Influence of ultra-thin YSZ layer on heteroepitaxial CeO ₂ /YSZ/Si(001) films analyzed by X-ray reciprocal space map. Journal of Crystal Growth, 2000, 219, 253-262. | 1.5 | 15 |
| 219 | Heteroepitaxial growth of CeO ₂ thin film on Si(001) with an ultra thin YSZ buffer layer. Thin Solid Films, 2000, 371, 211-217. | 1.8 | 30 |
| 220 | An XPS study of the nucleation and growth behavior of an epitaxial Pb(Zr,Ti)O ₃ /MgO(100) thin film prepared by MOCVD. Thin Solid Films, 2000, 372, 156-162. | 1.8 | 69 |
| 221 | Effect of Ionic Radii on Formation and Properties of (M ²⁺) _{1-x} Ln ³⁺ _{2x/3}) ₅ Nb ₁₀ O ₃₀ (M=Sr,Pb,Ba, Ln=Rare Earth) New Ferroelectric Compounds Having Tungsten Bronze Structure. Key Engineering Materials. 2000. 181-182. 31-34. | 0.4 | 1 |
| 222 | Preparation of PbTiO ₃ Thin Film by Mist Source Plasma Enhanced Chemical Vapor Deposition (CVD) Using Heptane Solvent. Japanese Journal of Applied Physics, 1999, 38, 5326-5331. | 1.5 | 2 |
| 223 | Nucleation and growth behavior of epitaxial Pb(Zr,Ti)O ₃ /MgO(100) observed by atomic force microscopy. Thin Solid Films, 1999, 357, 166-172. | 1.8 | 30 |
| 224 | Synthesis and dielectric properties of Ba _{1-x} R _{2x/3} Nb ₂ O ₆ (R: rare earth) with tetragonal tungsten bronze structure. Journal of the European Ceramic Society, 1999, 19, 1071-1075. | 5.7 | 147 |
| 225 | Effect of Liquid Phase and Vaporization on the Formation of Microstructure of Pr Doped ZnO Varistor. , 1999, 4, 15-23. | | 21 |
| 226 | Raman Spectroscopic Determination of Pyrochlore-Type Compound on the Synthesis and Decomposition of Sol-Gel-Derived Pb(Mg _{1/3} Nb _{2/3})O ₃ (PMN). Journal of Solid State Chemistry, 1999, 142, 344-348. | 2.9 | 21 |
| 227 | Measurement Technique for the Evaluation of Residual Stress in Epitaxial Thin Film by Asymmetric X-Ray Diffraction.. Journal of the Ceramic Society of Japan, 1999, 107, 606-610. | 1.3 | 8 |
| 228 | Growth Mechanism and Effect of Deposition Rate on Crystal Orientation in PbTiO ₃ Thin Film by Metallorganic Chemical Vapor Deposition.. Journal of the Ceramic Society of Japan, 1999, 107, 955-960. | 1.3 | 0 |
| 229 | Structure Analysis of CeO ₂ /ZrO ₂ /Si Multilayer Thin Films by HRTEM. Materials Research Society Symposia Proceedings, 1999, 592, 191. | 0.1 | 4 |
| 230 | Effects of Pressure on PbTiO ₃ Thin Film Prepared by Low-Pressure Thermal Plasma Deposition. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 1999, 63, 62-67. | 0.4 | 1 |
| 231 | Influence of atmosphere on phase transitions of praseodymium oxide at high temperature using high temperature X-ray diffraction and thermogravimetry. Thermochimica Acta, 1998, 313, 55-61. | 2.7 | 11 |
| 232 | Preparation of NdBa ₂ Cu ₃ O _y thin films by mist ICP evaporation. Thin Solid Films, 1998, 334, 87-91. | 1.8 | 2 |
| 233 | Investigation of the solidus boundaries and microstructure in the ZnO-PrO _{1.5} -CoO system. Journal of Materials Research, 1998, 13, 2110-2116. | 2.6 | 5 |
| 234 | Preparation of Homo and Hetero Multilayer YSZ Thin Films by Ultrasonic Spray ICP Flash Evaporation Method. Journal of the Ceramic Society of Japan, 1998, 106, 312-316. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 235 | Effect of atmosphere on stability of Pb(Mg _{1/3} Nb _{2/3})O ₃ (PMN) ceramics. Materials Research Bulletin, 1997, 32, 451-459. | 5.2 | 11 |
| 236 | Estimation of Phase Stability in Pb(Mg _{1/3} Nb _{2/3})O ₃ and Pb(Zn _{1/3} Nb _{2/3})O ₃ Using the Bond Valence Approach. Journal of the American Ceramic Society, 1997, 80, 3217-3220. | 3.8 | 66 |
| 237 | Phase Diagram and Microstructure in the ZnO-Pr ₂ O ₃ System. Journal of the American Ceramic Society, 1997, 80, 995-998. | 3.8 | 27 |
| 238 | Relationship between the Evaporation of Components and Microstructure in Pr-Doped ZnO Ceramics. Journal of the Ceramic Society of Japan, 1996, 104, 1056-1059. | 1.3 | 3 |
| 239 | Effect of the Sintering Temperature and Atmosphere on the Grain Growth and Grain Boundary Phase Formation of Pr-Doped ZnO Varistor. Journal of the Ceramic Society of Japan, 1996, 104, 44-48. | 1.3 | 9 |
| 240 | Effect of A Site Substitution on Order-Disorder Transition in Pb(Fe _{1/2} Nb _{1/2})O ₃ (PFN) and Pb(Sc _{1/2} Ta _{1/2})O ₃ (PST). Journal of the Ceramic Society of Japan, 1996, 104, 691-694. | 1.3 | 3 |
| 241 | Thermal stability of Pb(Zn _{1/3} Nb _{2/3})O ₃ (PZN) and consideration of stabilization conditions of perovskite type compounds. Materials Research Bulletin, 1995, 30, 1121-1131. | 5.2 | 57 |
| 242 | Composition Range of Cubic Pyrochlore Type Compound in Lead-Magnesium-Niobium-Oxygen System. Journal of the Ceramic Society of Japan, 1994, 102, 612-615. | 1.3 | 17 |
| 243 | Crystal Structural Studies of Thermal Decomposition Process of PbMg _{1/3} Nb _{2/3} O ₃ Single Crystal into Pyrochlore Type Compound. Journal of the Ceramic Society of Japan, 1994, 102, 8-12. | 1.3 | 2 |
| 244 | Electrical Conduction of New Compounds (Ca, Ce) ₂ Sn ₂ O ₇ and (Sr, Ce) ₂ Sn ₂ O ₇ with Pyrochlore Structure. Journal of Solid State Chemistry, 1993, 102, 349-353. | 2.9 | 5 |
| 245 | Formation conditions for a pyrochlore structure with two different cations at the A site. Journal of Solid State Chemistry, 1992, 101, 71-76. | 2.9 | 7 |
| 246 | <i>i>V</i> Characteristics of Single Grain Boundary in ZnO Varistor. Journal of the Ceramic Society of Japan, 1991, 99, 788-792. | 1.3 | 5 |
| 247 | Synthesis of a new compound, Ca _{0.8} Ce _{1.2} Sn ₂ O ₇ , with pyrochlore structure. Journal of Solid State Chemistry, 1991, 92, 320-326. | 2.9 | 9 |
| 248 | Preparation of Epitaxial LiNbO ₃ Thin Film by MOCVD and its Properties. Key Engineering Materials, 0, 388, 179-182. | 0.4 | 4 |
| 249 | Effect of Substrate on Growth Mechanism of Flower Structured InN Fabricated by APHCVD. Key Engineering Materials, 0, 445, 209-212. | 0.4 | 2 |
| 250 | Tunable Barium Strontium Titanate Thin Films by CSD. Key Engineering Materials, 0, 445, 156-159. | 0.4 | 1 |
| 251 | Characterization of Low Temperature Chemical Vapor Deposited Gd ₂ O ₃ Doped CeO ₂ Films. Key Engineering Materials, 0, 485, 133-136. | 0.4 | 3 |
| 252 | TEM Study for Self-Orientated LaNiO ₃ Film along [100]. Key Engineering Materials, 0, 582, 185-188. | 0.4 | 0 |