

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. | 0.5 | 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. | 1.3 | 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. | 1.0 | 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. | 1.0 | 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. | 1.0 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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} Y _{0.5} Journal of the Ceramic Society of Japan, 2020, 128, 700-705. | 0.5 | 1 |
| 12 | Preparation of flat cross section of thin films by perforation fracture method. Journal of the Ceramic Society of Japan, 2020, 128, 706-709. | 0.5 | 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. | 0.5 | 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. | 0.8 | 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. | 2.0 | 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. | 0.8 | 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. | 0.2 | 4 |
| 18 | Magnetoelectric effect in free-standing multiferroic thin film. Journal of Alloys and Compounds, 2019, 787, 1128-1135. | 2.8 | 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. | 0.5 | 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. | 2.7 | 17 |
| 21 | Preparation of free-standing multilayer hemispherical shell thin film using monodisperse polymer template. Journal of Alloys and Compounds, 2018, 730, 369-375. | 2.8 | 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. | 1.9 | 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. | 2.0 | 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. | 2.8 | 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. | 1.0 | 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. | 2.0 | 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. | 0.8 | 6 |
| 29 | Charge screening strategy for domain pattern control in nano-scale ferroelectric systems. Scientific Reports, 2017, 7, 5236. | 1.6 | 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. | 0.5 | 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. | 0.0 | 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. | 1.3 | 10 |
| 34 | Magnetic-field-induced spontaneous superlattice formation via spinodal decomposition in epitaxial strontium titanate thin films. NPG Asia Materials, 2016, 8, e279-e279. | 3.8 | 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. | 2.0 | 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. | 0.8 | 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. | 2.0 | 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. | 0.8 | 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. | 1.0 | 55 |
| 41 | Stress engineering for the design of morphotropic phase boundary in piezoelectric material. <i>Thin Solid Films</i> , 2015, 585, 91-94. | 0.8 | 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. | 0.8 | 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. | 0.0 | 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. | 0.1 | 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. | 0.1 | 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. | 0.7 | 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. | 0.8 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 1 |

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|----|--|-----|-----------|
| 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. | 0.7 | 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. | 0.8 | 5 |
| 57 | BaTiO_3 THIN FILM BY CSD FROM MOLECULAR-DESIGNED PRECURSOR SOLUTION. Functional Materials Letters, 2012, 05, 1260007. | 0.7 | 1 |
| 58 | Low temperature processing of alkoxy-derived PMN thin films. IOP Conference Series: Materials Science and Engineering, 2012, 30, 012002. | 0.3 | 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. | 1.1 | 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. | 0.8 | 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. | 0.0 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 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. | 1.0 | 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. | 2.8 | 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. | 2.8 | 5 |
| 70 | Effect of Stress Engineering on the Electrical Properties of BaTiO_3 Thin Film. Japanese Journal of Applied Physics, 2011, 50, 09NA03. | 0.8 | 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. | 0.8 | 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. | 0.0 | 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. | 0.5 | 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. | 1.7 | 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. | 1.7 | 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. | 1.7 | 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. | 1.7 | 6 |
| 79 | Effect of the electrode structure on the electrical properties of alkoxide derived ferroelectric thin film. Materials Letters, 2010, 64, 1742-1744. | 1.3 | 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. | 1.7 | 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. | 0.8 | 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. | 0.8 | 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. | 0.3 | 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. | 1.7 | 18 |
| 86 | Oxygen-Enhanced Crystallization of Solution-Derived 12CaO·7Al ₂ O ₃ . Journal of the American Ceramic Society, 2009, 92, S189. | 1.9 | 5 |
| 87 | Spray Pyrolysis of Fe ₃ O ₄ -BaTiO ₃ Composite Particles. Journal of the American Ceramic Society, 2009, 92, S177-S180. | 1.9 | 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. | 1.7 | 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. | 0.5 | 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. | 0.5 | 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. | 0.5 | 12 |
| 93 | Shape controlled ZnO nanoparticle prepared by microwave irradiation method. Journal of the Ceramic Society of Japan, 2009, 117, 961-963. | 0.5 | 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. | 0.5 | 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. | 1.7 | 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. | 1.7 | 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. | 1.7 | 15 |
| 100 | Oxygen Sensing Properties of SrTiO ₃ Thin Films. Japanese Journal of Applied Physics, 2008, 47, 7486-7489. | 0.8 | 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. | 0.8 | 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. | 0.8 | 19 |
| 103 | Effect of Back-Etching on Electrical Properties of (001)&(100) Oriented PZT(30/70) Thin Films. Ferroelectrics, 2008, 370, 119-125. | 0.3 | 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. | 0.3 | 0 |
| 105 | Polarized Raman Study in Pb(Zn _{1/3} Nb _{2/3})O ₃ -PbTiO ₃ Mixed Crystal. Ferroelectrics, 2008, 376, 74-80. | 0.3 | 0 |
| 106 | Electrooptic Properties of Epitaxial Lead Zirconate Titanate Films on Silicon Substrates. Japanese Journal of Applied Physics, 2007, 46, 6929. | 0.8 | 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. | 0.8 | 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. | 0.8 | 7 |
| 110 | Fabrication and Optical Properties of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - 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. | 0.8 | 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. | 0.8 | 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. | 0.1 | 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. | 0.8 | 6 |
| 121 | Electrooptic Properties of Lead Zirconate Titanate Films Prepared on Silicon Substrate. Japanese Journal of Applied Physics, 2006, 45, 7516-7519. | 0.8 | 10 |
| 122 | Diffusion Behavior at the Interface of $(\text{Ba}, \text{Sr})\text{TiO}_3$ (BST)/Electrode/Buffer Layer/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 |
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