

Naoki Wakiya

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Band-gap energies of sol-gel-derived SrTiO ₃ thin films. Applied Physics Letters, 2001, 79, 3767-3769.	3.3	181
2	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
3	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
4	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
5	Thermal stability of Pb(Zn ₁₃ Nb ₂₃)O ₃ (PZN) and consideration of stabilization conditions of perovskite type compounds. Materials Research Bulletin, 1995, 30, 1121-1131.	5.2	57
6	Ferroelectric properties of sandwich structured (Bi, La) ₄ Ti ₃ O ₁₂ /Pb(Zr, Ti)O ₃ / (Bi, La) 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
7	Investigations of superparamagnetism in magnesium ferrite nano-sphere synthesized by ultrasonic spray pyrolysis technique for hyperthermia application. Journal of Magnetism and Magnetic Materials, 2015, 392, 91-100.	2.3	55
8	Low-temperature epitaxial growth of conductive LaNiO ₃ thin films by RF magnetron sputtering. Thin Solid Films, 2002, 410, 114-120.	1.8	54
9	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
10	Structural and electrical characteristics of chemical-solution-derived (Bi,La) ₄ Ti ₃ O ₁₂ thin films with various Bi ₂ O ₃ template layers. Journal of Applied Physics, 2003, 93, 497-503.	2.5	48
11	Improved electrical properties of (Pb,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
12	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
13	Stress-induced magnetization for epitaxial spinel ferrite film through interface engineering. Applied Physics Letters, 2004, 85, 1199-1201.	3.3	39
14	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
15	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
16	Epitaxial growth of SrTiO ₃ films on CeO ₂ /yttria-stabilized zirconia/Si(001) with TiO ₂ atomic layer by pulsed-laser deposition. Applied Physics Letters, 2003, 83, 4815-4817.	3.3	36
17	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
18	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

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19	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
20	Phase Diagram and Microstructure in the ZnO-Pr ₂ O ₃ System. <i>Journal of the American Ceramic Society</i> , 1997, 80, 995-998.	3.8	27
21	Stress engineering of the alkoxide derived ferroelectric thin film on Si wafer. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 1089-1094.	1.1	27
22	Superparamagnetic magnesium ferrite/silica core-shell nanospheres: A controllable SiO ₂ coating process for potential magnetic hyperthermia application. <i>Advanced Powder Technology</i> , 2019, 30, 3171-3181.	4.1	25
23	Impact of thin SrTiO ₃ seed layer to achieve low-temperature crystallization below 300°C and ferroelectricity of lead zirconate titanate thin film. <i>Applied Physics Letters</i> , 2006, 89, 202907.	3.3	24
24	Oxygen Sensing Properties of SrTiO ₃ Thin Films. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7486-7489.	1.5	23
25	Effect of Liquid Phase and Vaporization on the Formation of Microstructure of Pr Doped ZnO Varistor. , 1999, 4, 15-23.		21
26	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). <i>Journal of Solid State Chemistry</i> , 1999, 142, 344-348.	2.9	21
27	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.. <i>Journal of the Ceramic Society of Japan</i> , 2001, 109, 766-770.	1.3	21
28	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. <i>Thin Solid Films</i> , 2001, 384, 189-194.	1.8	21
29	Growth of highly (001)-textured strontium barium niobate thin films on epitaxial LaNiO ₃ /CeO ₂ /YSZ/Si(100). <i>Thin Solid Films</i> , 2003, 426, 62-67.	1.8	21
30	Effect of Oxygen Annealing on Ferroelectricity of BiFeO ₃ Thin Films Formed by Pulsed Laser Deposition. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 3491-3494.	1.5	21
31	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
32	RF-magnetron-sputtered heteroepitaxial YSZ and CeO ₂ /YSZ/Si(001) thin films with improved capacitance-voltage characteristics. <i>Thin Solid Films</i> , 2002, 411, 268-273.	1.8	19
33	Electrooptic Properties of Epitaxial Lead Zirconate Titanate Films on Silicon Substrates. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 6929.	1.5	19
34	Effect of Film Thickness on Electrical Properties of Chemical Solution Deposition-Derived Pb(Zr _x Ti _{1-x})O ₃ /LaNiO ₃ /Si. <i>Japanese Journal of Applied Physics</i> , 2007, 46, 6925-6928.	1.5	19
35	Modification of Ferroelectric Properties of BaTiO ₃ -CoFe ₂ O ₄ Multiferroic Composite Thin Film by Application of Magnetic Field. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7603-7606.	1.5	19
36	Magnetic-field-induced spontaneous superlattice formation via spinodal decomposition in epitaxial strontium titanate thin films. <i>NPG Asia Materials</i> , 2016, 8, e279-e279.	7.9	19

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37	Oxygen sensitivity of perovskite-type dielectric thin films. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 161, 142-145.	3.5	18
38	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
39	Influence of crystallite size on the magnetic and heat generation properties of $\text{La}_{0.77}\text{Sr}_{0.23}\text{MnO}_3$ nanoparticles for hyperthermia applications. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 112, 179-184.	4.0	18
40	Composition Range of Cubic Pyrochlore Type Compound in Lead-Magnesium-Niobium-Oxygen System. <i>Journal of the Ceramic Society of Japan</i> , 1994, 102, 612-615.	1.3	17
41	Stress Control and Ferroelectric Properties of Lead Zirconate Titanate (PZT) Thin Film on Si Substrate with Buffer Layers. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 6900-6904.	1.5	17
42	Valence-EELS analysis of local electronic and optical properties of PMN ϵ -PT epitaxial film. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2009, 161, 160-165.	3.5	17
43	Low-temperature processing of Garnet-type ion conductive cubic $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ powders for high performance all solid-type Li-ion batteries. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 90, 85-91.	5.3	17
44	Effect of Yttria-Stabilized Zirconia Thickness on Crystal Structure and Electric Property of Epitaxial $\text{CeO}_2/\text{Yttria-Stabilized Zirconia}$ Buffer Layer in Metal/Ferroelectric/Insulator/Semiconductor Structure. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 281-284.	1.5	16
45	Impact of precursor solution concentration to form superparamagnetic MgFe_2O_4 nanospheres by ultrasonic spray pyrolysis technique for magnetic thermotherapy. <i>Advanced Powder Technology</i> , 2017, 28, 1696-1703.	4.1	16
46	Controlled synthesis of dense MgFe_2O_4 nanospheres by ultrasonic spray pyrolysis technique: Effect of ethanol addition to precursor solvent. <i>Advanced Powder Technology</i> , 2018, 29, 283-288.	4.1	16
47	Influence of ultra-thin YSZ layer on heteroepitaxial $\text{CeO}_2/\text{YSZ}/\text{Si}(001)$ films analyzed by X-ray reciprocal space map. <i>Journal of Crystal Growth</i> , 2000, 219, 253-262.	1.5	15
48	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 using the PLD method. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2008, 55, 1023-1028.	3.0	15
49	Progress and impact of magnetic field application during pulsed laser deposition (PLD) on ceramic thin films. <i>Journal of the Ceramic Society of Japan</i> , 2017, 125, 856-865.	1.1	15
50	Charge screening strategy for domain pattern control in nano-scale ferroelectric systems. <i>Scientific Reports</i> , 2017, 7, 5236.	3.3	14
51	Origin of Compressive Residual Stress in Alkoxide Derived PbTiO_3 Thin Film on Si Wafer. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 7514-7518.	1.5	13
52	Effect of the electrode structure on the electrical properties of alkoxide derived ferroelectric thin film. <i>Materials Letters</i> , 2010, 64, 1742-1744.	2.6	13
53	Magnetic and photocatalytic properties of n- and p-type $\text{ZnFe}_{2/3}\text{O}_{4/3}$ particles synthesized using ultrasonic spray pyrolysis. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 26-30.	1.1	13
54	As-grown enhancement of spinodal decomposition in spinel cobalt ferrite thin films by Dynamic Aurora pulsed laser deposition. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 432, 391-395.	2.3	13

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55	Stabilization of perovskite $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ 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
56	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
57	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
58	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
59	Effect of Stress Engineering on the Electrical Properties of BaTiO_3 Thin Film. Japanese Journal of Applied Physics, 2011, 50, 09NA03.	1.5	12
60	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. Journal of the Ceramic Society of Japan, 2013, 121, 236-241.	1.1	12
61	Effect of atmosphere on stability of $\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3$ (PMN) ceramics. Materials Research Bulletin, 1997, 32, 451-459.	5.2	11
62	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
63	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
64	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
65	Orientation Control and Properties of $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ 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
66	HRTEM investigation of the 90° domain structure and ferroelectric properties of multi-layered PZT thin films. Microelectronic Engineering, 2003, 66, 708-712.	2.4	10
67	Electrooptic Properties of Lead Zirconate Titanate Films Prepared on Silicon Substrate. Japanese Journal of Applied Physics, 2006, 45, 7516-7519.	1.5	10
68	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. Thin Solid Films, 2015, 585, 86-90.	1.8	10
69	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
70	Synthesis of a new compound, $\text{Ca}_{0.8}\text{Ce}_{1.2}\text{Sn}_2\text{O}_7$, with pyrochlore structure. Journal of Solid State Chemistry, 1991, 92, 320-326.	2.9	9
71	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
72	Preparation and Properties of Novel Ferroelectric and Ferromagnetic Array Structure Thin Film. Ferroelectrics, 2002, 273, 149-154.	0.6	9

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73	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
74	Effect of Thermal Stress on Orientation Control of CSD-Derived Pb(Zr _{0.53} Ti _{0.47})O ₃ Thin Films. International Journal of Applied Ceramic Technology, 2012, 9, 868-875.	2.1	9
75	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
76	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
77	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
78	Growth Mechanism of SrTiO ₃ Thin Film on CeO ₂ (001) Surface. Key Engineering Materials, 2002, 228-229, 137-140.	0.4	8
79	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
80	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
81	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
82	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
83	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
84	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
85	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
86	Role of Ultra Thin SiO _x Layer on Epitaxial YSZ/SiO _x /Si Thin Film. Integrated Ferroelectrics, 2003, 51, 51-61.	0.7	7
87	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
88	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
89	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
90	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

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91	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
92	Thermal radiative properties of (La _{1-x} Sr _x)MnO ₃ thin films fabricated on yttria-stabilized zirconia single-crystal substrate by pulsed laser deposition. Thin Solid Films, 2015, 593, 1-4.	1.8	7
93	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
94	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
95	Redox Reaction of Praseodymium Oxide in the ZnO Sintered Ceramics. Journal of Solid State Chemistry, 2000, 149, 349-353.	2.9	6
96	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
97	Improvement of C-V Characteristics and Control of Interlayer Growth of Rare Earth Oxide Stabilized Zirconia Epitaxial Gate Dielectrics. Key Engineering Materials, 2003, 248, 137-142.	0.4	6
98	Activation Energy of Oxygen Vacancy Diffusion of Yttria-Stabilized-Zirconia Thin Film Determined from DC Current Measurements below 150 Å°C. Japanese Journal of Applied Physics, 2006, 45, L525-L528.	1.5	6
99	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
100	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
101	Spray Pyrolysis of Fe ₃ O ₄ -BaTiO ₃ Composite Particles. Journal of the American Ceramic Society, 2009, 92, S177-S180.	3.8	6
102	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
103	Magnetic field effects during deposition on crystal structure and magnetic properties of BaFe ₁₂ O ₁₉ thin films prepared using PLD in the magnetic field (Dynamic aurora PLD). Journal of the Ceramic Society of Japan, 2013, 121, 45-48.	1.1	6
104	Stress engineering for the design of morphotropic phase boundary in piezoelectric material. Thin Solid Films, 2015, 585, 91-94.	1.8	6
105	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
106	&i&g&t;l-V&i&g&t;l; Characteristics of Single Grain Boundary in ZnO Varistor. Journal of the Ceramic Society of Japan, 1991, 99, 788-792.	1.3	5
107	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
108	Investigation of the solidus boundaries and microstructure in the ZnO-Pr _{0.15} -CoO system. Journal of Materials Research, 1998, 13, 2110-2116.	2.6	5

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109	Proposal and preparation of novel fluorite/spinel heteroepitaxial double buffer layer structure on Si(001) for FET-type fram application. <i>Ferroelectrics</i> , 2001, 259, 277-282.	0.6	5
110	Special Issue Ceramics Integration. Electrical Properties of Epitaxial La _{0.5} Sr _{0.5} CoO ₃ (LSCO) Thin Films Prepared in Low Oxygen Pressure.. <i>Journal of the Ceramic Society of Japan</i> , 2002, 110, 353-357.	1.3	5
111	Modification of drain current on metal-oxide-semiconductor field-effect transistor by magnetic field induced by remanent magnetization. <i>Applied Physics Letters</i> , 2004, 85, 3772-3774.	3.3	5
112	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. <i>Journal of Materials Research</i> , 2005, 20, 1878-1887.	2.6	5
113	Oxygen-Enhanced Crystallization of Solution-Derived 12CaO·7Al ₂ O ₃ . <i>Journal of the American Ceramic Society</i> , 2009, 92, S189.	3.8	5
114	Magnetic and optical properties of MgAl ₂ O ₄ -(Ni _{0.5} Zn _{0.5})Fe ₂ O ₄ thin films prepared by pulsed laser deposition. <i>Science and Technology of Advanced Materials</i> , 2011, 12, 034408.	6.1	5
115	Magnetic Properties of Epitaxial NiFe ₂ O ₄ Thin Films Prepared Using Dynamic Aurora PLD in a Magnetic Field. <i>Key Engineering Materials</i> , 2011, 485, 221-224.	0.4	5
116	Strain-Induced Electrical Properties of Lead Zirconate Titanate Thin Films on a Si wafer with Controlled Oxide Electrode Structure. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 09LA13.	1.5	5
117	Structure Analysis of CeO ₂ /ZrO ₂ /Si Multilayer Thin Films by HRTEM. <i>Materials Research Society Symposia Proceedings</i> , 1999, 592, 191.	0.1	4
118	Effect of the Residual Stress Induced by External Stress Application on Dielectric Properties of Epitaxial Lead Titanate Film.. <i>Journal of the Ceramic Society of Japan</i> , 2000, 108, 21-25.	1.3	4
119	Effects of Nb and Sr doping on crystal structure of epitaxial BaTiO ₃ thin films on MgO substrates. <i>Journal Physics D: Applied Physics</i> , 2002, 35, 1499-1503.	2.8	4
120	Special Issue Ceramics Integration. Preparation of Epitaxial YSZ Thin Film Deposited on SiO ₂ /Si(001) at Room Temperature by Pulsed Laser Deposition(PLD).. <i>Journal of the Ceramic Society of Japan</i> , 2002, 110, 333-337.	1.3	4
121	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
122	Preparation of Epitaxial LiTaO ₃ Thin Films by Metal Organic Chemical Vapor Deposition and its Electrical and Optical Properties. <i>Key Engineering Materials</i> , 2006, 320, 57-60.	0.4	4
123	Preparation of Epitaxial LiNbO ₃ Thin Film by MOCVD and its Properties. <i>Key Engineering Materials</i> , 0, 388, 179-182.	0.4	4
124	Shape controlled ZnO nanoparticle prepared by microwave irradiation method. <i>Journal of the Ceramic Society of Japan</i> , 2009, 117, 961-963.	1.1	4
125	Microstructure and electrical properties of BaTiO ₃ thin films by modified CSD. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 498-501.	1.1	4
126	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

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127	Catalytic Activity for the Methane Steam Reforming Process Using Chemical Solution Deposition Derived Barium Titanate Hollow Particles with Perovskite Mono-phase. Journal of the Society of Powder Technology, Japan, 2014, 51, 337-342.	0.1	4
128	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
129	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
130	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
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