Hiroshi Uchida

List of Publications by Year
in descending order

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171 papers	2,478 citations	279798 23 h-index	265206 42 g-index
174 all docs	174 docs citations	174 times ranked	2141 citing authors

#	Article	IF	Citations
1	Crystal structure and ferroelectric properties of rare-earth substituted BiFeO3 thin films. Journal of Applied Physics, 2006, 100, 014106.	2.5	228
2	Impact of mechanical stress on ferroelectricity in (Hf0.5Zr0.5)O2 thin films. Applied Physics Letters, 2016, 108, .	3.3	187
3	Approach for enhanced polarization of polycrystalline bismuth titanate films by Nd3+/V5+ cosubstitution. Applied Physics Letters, 2002, 81, 2229-2231.	3.3	157
4	Ion Modification for Improvement of Insulating and Ferroelectric Properties of BiFeO3Thin Films Fabricated by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2005, 44, L561-L563.	1.5	89
5	Growth of (111)-oriented epitaxial and textured ferroelectric Y-doped HfO2 films for downscaled devices. Applied Physics Letters, 2016, 109, .	3.3	62
6	Fabrication of M3+-Substituted and M3+/V5+-Cosubstituted Bismuth Titanate Thin Films [M=lanthanoid] by Chemical Solution Deposition Technique. Japanese Journal of Applied Physics, 2002, 41, 6820-6824.	1.5	61
7	Analysis for crystal structure of Bi(Fe,Sc)O3 thin films and their electrical properties. Applied Physics Letters, 2007, 91, .	3.3	60
8	Orientation control and domain structure analysis of {100}-oriented epitaxial ferroelectric orthorhombic HfO2-based thin films. Journal of Applied Physics, 2016, 119, .	2.5	57
9	Dependence of Ferroelectric Properties on Thickness of BiFeO3Thin Films Fabricated by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2005, 44, 8525-8527.	1.5	49
10	Thickness-dependent crystal structure and electric properties of epitaxial ferroelectric Y2O3-HfO2 films. Applied Physics Letters, 2018, 113, .	3.3	48
11	A Novel Hydroxyapatite Fiber Mesh as a Carrier for Recombinant Human Bone Morphogenetic Protein-2 Enhances Bone Union in Rat Posterolateral Fusion Model. Spine, 2006, 31, 1194-1200.	2.0	45
12	Effect of the film thickness on the crystal structure and ferroelectric properties of (Hf 0.5 Zr 0.5)O 2 thin films deposited on various substrates. Materials Science in Semiconductor Processing, 2017, 70, 239-245.	4.0	41
13	Synthesis of Magnesium Silicon Nitride by the Nitridation of Powders in the Magnesium-Silicon System. Journal of the Ceramic Society of Japan, 1997, 105, 934-939.	1.3	39
14	Electrophoretic Deposition of Au Nanocrystals inside Perpendicular Mesochannels of TiO2. Chemistry of Materials, 2008, 20, 6029-6040.	6.7	35
15	Atom probe microscopy of three-dimensional distribution of silicon isotopes in Si28âˆ•Si30 isotope superlattices with sub-nanometer spatial resolution. Journal of Applied Physics, 2009, 106, .	2.5	32
16	Highly-ordered mesoporous titania thin films prepared via surfactant assembly on conductive indiumâ€“tin-oxide/glass substrate and its optical properties. Thin Solid Films, 2010, 518, 3169-3176.	1.8	31
17	Evaluation of oxygen vacancies in ZnO single crystals and powders by micro-Raman spectroscopy. Journal of the Ceramic Society of Japan, 2017, 125, 445-448.	1.1	31
18	Formation of (111) orientation-controlled ferroelectric orthorhombic HfO2 thin films from solid phase via annealing. Applied Physics Letters, 2016, 109, .	3.3	29

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19	Room-temperature deposition of ferroelectric HfO2-based films by the sputtering method. Applied Physics Letters, 2020, 116, .	3.3	28
20	The effects of neodymium content and site occupancy on spontaneous polarization of epitaxial (Bi4â^'xNdx)Ti3O12 films. Journal of Applied Physics, 2005, 98, 024110.	2.5	26
21	Growth of Epitaxial 100-Oriented KNbO$_{3}$â€“NaNbO$_{3}$ Solid Solution Films on (100)$_{ext{c}}$SrRuO$_{3}$$parallel$(100)SrTiO$_{3}$ by Hydrothermal Method and Their Characterization. Japanese Journal of Applied Physics, 2011, 50, 09ND11.	1.5	26
22	Electrical Properties of (110)-Oriented Nondoped Mg2Si Films with p-Type Conduction Prepared by RF Magnetron Sputtering Method. Journal of Electronic Materials, 2014, 43, 2269-2273.	2.2	25
23	Influence of lattice distortion and oxygen vacancies on the UV-driven/microwave-assisted TiO2 photocatalysis. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 265, 20-28.	3.9	24
24	Crystal structure and dielectric/ferroelectric properties of CSD-derived HfO 2 -ZrO 2 solid solution films. Ceramics International, 2017, 43, S501-S505.	4.8	24
25	Low-Temperature Deposition of Polycrystalline Titanium Oxide Thin Film on Si Substrate Using Supercritical Carbon Dioxide Fluid. Japanese Journal of Applied Physics, 2005, 44, 1901-1906.	1.5	23
26	Fabrication of ferroelectric Fe doped HfO₂ epitaxial thin films by ion-beam sputtering method and their characterization. Japanese Journal of Applied Physics, 2018, 57, 11UF02.	1.5	23
27	Spontaneous Polarization of Neodymium-Substituted Bi4Ti3O12Estimated from Epitaxially Grown Thin Films with in-Planec-Axis Orientations. Japanese Journal of Applied Physics, 2004, 43, L309-L311.	1.5	22
28	Crystal Structure Analysis of Hydrothermally Synthesized Epitaxial (K_xNa_{1-x})NbO₃ Films. Japanese Journal of Applied Physics, 2013, 52, 09KA11.	1.5	22
29	Crystallization behavior and ferroelectric property of HfO₂â€“ZrO₂ films fabricated by chemical solution deposition. Japanese Journal of Applied Physics, 2018, 57, 11UF06.	1.5	22
30	Probing intrinsic polarization properties in bismuth-layered ferroelectric films. Applied Physics Letters, 2007, 90, 112914.	3.3	21
31	Preparation of Barium Titanate and Strontium Titanate Nanocube Particles and their Accumulation Using Smart Glue. Key Engineering Materials, 2009, 421-422, 514-517.	0.4	21
32	Composition dependency of crystal structure, electrical and piezoelectric properties for hydrothermally-synthesized 3 Âµm-thickness (K<i>_x</i>Na_{1â^'}<i>_x</i>)NbO<sub>3& films. Journal of the Ceramic Society of Japan, 2013, 121, 627-631.	1.1	21
33	Low temperature deposition of titanium oxide containing thin films in trench features from titanium diisopropoxide bis(dipivaloylmethanate) in supercritical CO2. Journal of Supercritical Fluids, 2009, 50, 313-319.	3.2	19
34	Ferroelectric and piezoelectric properties of (K,Na)NbO3 thick films prepared on metal substrates by hydrothermal method. Journal of the Korean Physical Society, 2013, 62, 1055-1059.	0.7	19
35	The effect of rare-earth oxide addition on the hot-pressing of magnesium silicon nitride. Journal of the European Ceramic Society, 2002, 22, 777-783.	5.7	18
36	Solubility of titanium diisopropoxide bis(dipivaloylmethanate) complex in supercritical carbon dioxide and its effect on supercritical fluid deposition process. Journal of Supercritical Fluids, 2012, 66, 59-65.	3.2	18

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37	Vibration-energy-harvesting properties of hydrothermally synthesized (K,Na)NbO3films deposited on flexible metal foil substrates. Japanese Journal of Applied Physics, 2015, 54, 10ND06.	1.5	18
38	Effects of starting materials on the deposition behavior of hydrothermally synthesized {1â€¯0â€¯0} -oriented epitaxial (K,Na)NbO3 thick films and their ferroelectric and piezoelectric properties. Journal of Crystal Growth, 2019, 511, 1-7.	1.5	18
39	Preparation of magnesium silicon nitride powder by the carbothermal reduction technique. Advanced Powder Technology, 1999, 10, 133-143.	4.1	17
40	Charge-Compensative Ion Substitution of La3+-Substituted Bismuth Titanate Thin Films for Enhancement of Remanent Polarization. Japanese Journal of Applied Physics, 2004, 43, 2636-2639.	1.5	17
41	MOCVD Growth of Bi1.5Zn1.0Nb1.5O7(BZN) Epitaxial Thin Films and Their Electrical Properties. Japanese Journal of Applied Physics, 2005, 44, 6957-6959.	1.5	17
42	<I>IN VITRO</I> BIOLOGICAL EVALUATIONS OF THREE-DIMENSIONAL SCAFFOLD DEVELOPED FROM SINGLE-CRYSTAL APATITE FIBRES FOR TISSUE ENGINEERING OF BONE. Phosphorus Research Bulletin, 2004, 17, 262-268.	0.6	16
43	Visualized Kinetic Aspects of Decomposition of a Wood Block in Sub- and Supercritical Water. Industrial & Engineering Chemistry Research, 2005, 44, 2975-2981.	3.7	16
44	Raman spectroscopic study of aqueous alkali sulfate solutions at high temperature and pressure to yield precipitation. Journal of Supercritical Fluids, 2009, 49, 303-309.	3.2	16
45	Crystal Structure and Dielectric Property of Bismuth Layer-Structured Dielectric Films withc-Axis Preferential Crystal Orientation. Japanese Journal of Applied Physics, 2010, 49, 09MA02.	1.5	16
46	Electrical Properties of (Ca,Sr)Bi4Ti4O15Thin Films Fabricated Using a Chemical Solution Deposition Method. Japanese Journal of Applied Physics, 2003, 42, 5990-5993.	1.5	15
47	Enhancement of spontaneous polarization in lead zirconate titanate thin films by Dy3+ substitution. Applied Physics Letters, 2005, 87, 182906.	3.3	15
48	Growth of (111)-oriented BaTiO3â€“Bi(Mg0.5Ti0.5)O3 epitaxial films and their crystal structure and electrical property characterizations. Journal of Applied Physics, 2012, 111, .	2.5	15
49	Epitaxial ferroelectric Y-doped HfO₂ film grown by the RF magnetron sputtering. Japanese Journal of Applied Physics, 2018, 57, 11UF15.	1.5	15
50	Formation of BiFeO3â€“BiScO3Thin Films and Their Electrical Properties. Japanese Journal of Applied Physics, 2006, 45, 7321-7324.	1.5	14
51	Ferroelectric and piezoelectric properties of KNbO₃films deposited on flexible organic substrate by hydrothermal method. Japanese Journal of Applied Physics, 2014, 53, 09PA10.	1.5	14
52	Enhancement of Polarization Property of PZT Film by Ion-Substitution Using Rare-Earth Elements. Japanese Journal of Applied Physics, 2005, 44, 6905-6909.	1.5	13
53	Mechanism of Contact Resistance Reduction in Nickel Silicide Films by Pt Incorporation. IEEE Transactions on Electron Devices, 2011, 58, 3778-3786.	3.0	13
54	Crystal Orientation Control of Bismuth Layer-Structured Dielectric Films Using Interface Layers of Perovskite-Type Oxides. Japanese Journal of Applied Physics, 2011, 50, 09NA04.	1.5	13

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55	Evaluation of oxygen vacancy in ZnO using Raman spectroscopy. , 2015, , .		13
56	Effect of Film Thickness and Crystal Orientation on the Constituent Phase in Epitaxial BiFeO₃â€“BiCoO₃ Films Grown on SrTiO₃ Substrates. Japanese Journal of Applied Physics, 2010, 49, 09MB04.	1.5	12
57	Fabrication of Ion-Cosubstituted Bismuth Titanate Thin Films by Chemical Solution Deposition Method. Integrated Ferroelectrics, 2003, 52, 41-54.	0.7	11
58	Low strain sensitivity of the dielectric property of pyrochlore Biâ€“Znâ€“Nbâ€“O films. Applied Physics Letters, 2008, 92, 182901.	3.3	11
59	Three-Dimensional Dopant Characterization of Actual Metalâ€“Oxideâ€“Semiconductor Devices of 65 nm Node by Atom Probe Tomography. Applied Physics Express, 2013, 6, 046502.	2.4	11
60	Growth of epitaxial (K, Na)NbO3 films with various orientations by hydrothermal method and their properties. Japanese Journal of Applied Physics, 2019, 58, SLLB14.	1.5	11
61	Fabrication and Evaluation of One-Axis Oriented Lead Zirconate Titanate Films Using Metalâ€“Oxide Nanosheet Interface Layer. Japanese Journal of Applied Physics, 2013, 52, 09KA04.	1.5	11
62	Polarization comparison of Pb(Zr,Ti)O3 and Bi4Ti3O12-based ferroelectrics. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2005, 118, 23-27.	3.5	10
63	Raman OH stretching frequency shifts in supercritical water and in O2- and acetone-aqueous solutions near the water critical point. Chemical Physics Letters, 2009, 477, 85-89.	2.6	10
64	Composition dependence of crystal structure and electrical properties for epitaxial films of Bi(Zn1/2Ti1/2)O3-BiFeO3 solid solution system. Journal of the Ceramic Society of Japan, 2010, 118, 659-663.	1.1	10
65	Characterization of (111)-oriented epitaxial (K_{0.5}Na_{0.5})NbO₃thick films deposited by hydrothermal method. Japanese Journal of Applied Physics, 2017, 56, 10PF04.	1.5	10
66	Preparation of {001}_c-oriented epitaxial (K, Na)NbO₃ thick films by repeated hydrothermal deposition technique. Journal of the Ceramic Society of Japan, 2018, 126, 281-285.	1.1	10
67	Growth of Epitaxial 100-Oriented KNbO3â€“NaNbO3Solid Solution Films on (100)cSrRuO3â^¥(100)SrTiO3by Hydrothermal Method and Their Characterization. Japanese Journal of Applied Physics, 2011, 50, 09ND11.	1.5	10
68	Determination of diffusion coefficients by means of normal pulse polarography.. Analytical Sciences, 1990, 6, 239-243.	1.6	9
69	Ferroelectric Properties of Dysprosium-Substituted Lead Zirconate Titanate Thin Films Fabricated by Chemical Solution Deposition. Japanese Journal of Applied Physics, 2004, 43, 6558-6561.	1.5	9
70	Visualized Kinetic Aspects of a Wood Block in Sub- and Supercritical Water Oxidation. Industrial & Engineering Chemistry Research, 2006, 45, 5885-5890.	3.7	9
71	Site Occupancy Analysis on the Enhancement in Dy-Substituted Pb(Zr,Ti)O3Film. Japanese Journal of Applied Physics, 2006, 45, 7548-7551.	1.5	9
72	Pt Segregation at the NiSi/Si Interface and a Relationship with the Microstructure of NiSi. Materials Research Society Symposia Proceedings, 2008, 1070, 1.	0.1	9

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73	Preparation of (001)-Oriented CaBi4Ti4O15and SrBi4Ti4O15Films Using LaNiO3Nucleation Layer on Pt-passivated Si Wafer. Japanese Journal of Applied Physics, 2009, 48, 09KA10.	1.5	9
74	Preparation of preferentially (111)-oriented Mg₂Si thin films on (001)Al₂O₃ and (100)CaF₂ substrates and their thermoelectric properties. Japanese Journal of Applied Physics, 2017, 56, 05DC02.	1.5	9
75	High yield preparation of (100)_c-oriented (K,Na)NbO₃ thick films by hydrothermal method using amorphous niobium source. Journal of the Ceramic Society of Japan, 2020, 128, 512-517.	1.1	9
76	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
77	Kinetic aspects of SCWO progress of solid organic substances. Chemical Engineering Science, 2007, 62, 5070-5073.	3.8	8
78	Contact resistance reduction of Pt-incorporated NiSi for continuous CMOS scaling ∼ Atomic level analysis of Pt/B/As distribution within silicide films ∼. , 2008, , .		8
79	Unusual 90Â° domain structure in (2/3)Bi(Zn1/2Ti1/2)O3-(1/3)BiFeO3 epitaxial films with giant 22% tetragonal distortion. Applied Physics Letters, 2013, 103, .	3.3	8
80	Fabrication and characterization of (110)-oriented (Ba0.5,Sr0.5)TiO3thin films using PdO//Pd buffer layer. Japanese Journal of Applied Physics, 2015, 54, 10NA15.	1.5	8
81	Thermally stable dielectric responses in uniaxially (001)-oriented CaBi4Ti4O15 nanofilms grown on a Ca2Nb3O10â^' nanosheet seed layer. Scientific Reports, 2016, 6, 20713.	3.3	8
82	Growth of epitaxial tetragonal (Bi,K)TiO3films and their ferroelectric and piezoelectric properties. Japanese Journal of Applied Physics, 2016, 55, 10TA13.	1.5	8
83	Effect of Ta-substitution on the deposition of (K,Na)(Nb,Ta)O3 films by hydrothermal method. Japanese Journal of Applied Physics, 2019, 58, SLLB12.	1.5	8
84	Good piezoelectricity of self-polarized thick epitaxial (K,Na)NbO3 films grown below the Curie temperature (240â€‰Â°C) using a hydrothermal method. Applied Physics Letters, 2020, 117, .	3.3	8
85	Low-temperature deposition of Li substituted (K,Na)NbO₃ films by a hydrothermal method and their structural and ferroelectric properties. Journal of the Ceramic Society of Japan, 2019, 127, 388-393.	1.1	8
86	MD simulation of crystal growth from MgO melt. Journal of Molecular Liquids, 2002, 98-99, 191-200.	4.9	7
87	MOCVD growth and characterization of BiFeO3â€“Bi(Zn1/2Ti1/2)O3 ferroelectric films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 14-17.	3.5	7
88	Effects of heat treatment on electrical and electromechanical properties of hydrothermally synthesized epitaxial (K_{0.51}Na_{0.49})NbO₃ films. Japanese Journal of Applied Physics, 2014, 53, 05FE02.	1.5	7
89	Inhomogeneous distribution of manganese atoms in ferromagnetic ZnSnAs2:Mn thin films on InP revealed by three-dimensional atom probe investigation. Journal of Applied Physics, 2015, 117, .	2.5	7
90	Crystal structure and compositional analysis of epitaxial (K_{0.56}Na_{0.44})NbO₃films prepared by hydrothermal method. Journal of Materials Research, 2016, 31, 693-701.	2.6	7

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91	Deposition of orientation-controlled thick (K,Na)NbO₃ films on metal substrates by repeated hydrothermal deposition technique. Journal of the Ceramic Society of Japan, 2019, 127, 478-484.	1.1	7
92	Origin of Grain Size Effects on Voltageâ€Driven Ferroelastic Domain Evolution in Polycrystalline Tetragonal Lead Zirconate Titanate Thin Film. Advanced Functional Materials, 2020, 30, 1909100.	14.9	7
93	Role of alkan-1-ol solvents in the synthesis of yellow luminescent carbon quantum dots (CQDs): van der Waals force-caused aggregation and agglomeration. RSC Advances, 2020, 10, 14396-14402.	3.6	7
94	Rapid deposition of (K,Na)NbO3 thick films using microwave-assisted hydrothermal technique. Japanese Journal of Applied Physics, 2020, 59, SPPB02.	1.5	7
95	Synthesis and Antioxidant Activity of Silver Nanoparticles Using the Odontonema strictum Leaf Extract. Molecules, 2022, 27, 3210.	3.8	7
96	Morphology change under pulsed laser irradiation of carbon particles suspended in water. Carbon, 2006, 44, 3356-3358.	10.3	6
97	Polar-axis-oriented crystal growth of tetragonal PZT films on stainless steel substrate using pseudo-perovskite nanosheet buffer layer. AIP Advances, 2015, 5, .	1.3	6
98	Preparation of Ca-Si Films on (001) Al2O3 Substrates by an RF Magnetron Sputtering Method and Their Electrical Properties. Journal of Electronic Materials, 2016, 45, 3121-3126.	2.2	6
99	Crystal Orientation Control of Bismuth Layer-Structured Dielectric Films Using Interface Layers of Perovskite-Type Oxides. Japanese Journal of Applied Physics, 2011, 50, 09NA04.	1.5	6
100	MD simulation of crystal growth from CaCl2 melt. Journal of Molecular Liquids, 2003, 103-104, 371-385.	4.9	5
101	Perovskite Single-Phase Growth of Epitaxial Pb(Zn1/3Nb2/3)O3Films by Alternative-Source-Gas-Introduced Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2005, 44, L1452-L1455.	1.5	5
102	Fabrication of (100)_c-oriented Mn-doped bismuth ferrite films on silicon and stainless steel substrates using calcium niobate nanosheets. Journal of the Ceramic Society of Japan, 2015, 123, 322-328.	1.1	5
103	Orientation control of barium titanate films using metal oxide nanosheet layer. Japanese Journal of Applied Physics, 2016, 55, 10TA15.	1.5	5
104	Synthesis of TiO2 hollow particles with highly dispersed CaCO3 template particulates and their photoactivity toward a VOC pollutant. Journal of Sol-Gel Science and Technology, 2016, 78, 373-381.	2.4	5
105	Control of p- and n-type Conduction in Thermoelectric Non-doped Mg2Si Thin Films Prepared by Sputtering Method. MRS Advances, 2018, 3, 1355-1359.	0.9	5
106	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
107	Structural and Electrical Properties of Polycrystalline Bi4-xNdxTi3O12Ferroelectric Thin Films with in-Planec-Axis Orientations. Japanese Journal of Applied Physics, 2005, 44, L292-L294.	1.5	4
108	Dispersion of barium titanate and strontium titanate nanocubes and their selective accumulations. Journal of the Ceramic Society of Japan, 2010, 118, 688-690.	1.1	4

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109	Structural and dielectric properties of BaTiO3â€“Bi(Mg1/2Ti1/2)O3thin films fabricated by chemical solution deposition. Japanese Journal of Applied Physics, 2014, 53, 09PA11.	1.5	4
110	Lead- and alkali-metal-free BaTiO3â€“Bi(Mg0.5Ti0.5)O3â€“BiFeO3solid-solution thin films with high dielectric constant prepared on Si substrates by solution-based method. Japanese Journal of Applied Physics, 2014, 53, 09PA12.	1.5	4
111	HCM12A Cr-rich oxide layer investigation using 3D atom probe. Journal of Nuclear Materials, 2014, 450, 237-243.	2.7	4
112	Simultaneous achievement of high dielectric constant and low temperature dependence of capacitance in (111)-oriented BaTiO3-Bi(Mg0.5Ti0.5)O3-BiFeO3 solid solution thin films. AIP Advances, 2016, 6, .	1.3	4
113	Angular dependence of Raman spectrum for Pb(Zr,Ti)O3epitaxial films. Japanese Journal of Applied Physics, 2016, 55, 10TC07.	1.5	4
114	Facile preparation of N-doped TiO2 at ambient temperature and pressure under UV light with 4-nitrophenol as the nitrogen source and its photocatalytic activities. Photochemical and Photobiological Sciences, 2016, 15, 1061-1070.	2.9	4
115	Epitaxial growth of Mg₂Si films on (111) Si substrates covered with epitaxial SiC layers. Japanese Journal of Applied Physics, 2020, 59, SF1001.	1.5	4
116	Barkhausen noise analysis of thin film ferroelectrics. Applied Physics Letters, 2020, 117, 012902.	3.3	4
117	Synthesis and Electrical Properties of Sr- and Nb-Cosubstituted Bi4-xSrxTi3-xNbxO12Polycrystalline Thin Films. Japanese Journal of Applied Physics, 2003, 42, L949-L952.	1.5	3
118	Synthesis and Properties of Nd-Substituted Bismuth Titanate Polycrystalline Thin Films with Polar-Axis Orientation. Key Engineering Materials, 2004, 269, 53-56.	0.4	3
119	A new SrBi₄Ti₄O₁₅/CaBi₄Ti₄O₁₅ thin-film capacitor for excellent electric stability. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2012, 59, 1888-1893.	3.0	3
120	Orientation and film thickness dependencies of (100)- and (111)-oriented epitaxial Pb(Mg1/3Nb2/3)O3 films grown by metal organic chemical vapor deposition. Journal of Materiomics, 2015, 1, 188-195.	5.7	3
121	Fabrication and characterization of {110}-oriented Pb(Zr,Ti)O₃thin films on Pt/SiO₂/Si substrates using PdO//Pd buffer layer. Japanese Journal of Applied Physics, 2017, 56, 10PF09.	1.5	3
122	Preparation of CaMgSi and Ca7Mg7.25Si14 single phase films and their thermoelectric properties. MRS Advances, 2019, 4, 1503-1508.	0.9	3
123	Strong Dependence on Thickness of Room-Temperature Dielectric Constant of (100)-Oriented Pb(Mg1/3Nb2/3)O3Epitaxial Films Grown by Metal Organic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2006, 45, L1074-L1076.	1.5	2
124	Synthesis of Oxide Thin Films on Silicon Substrate Using Supercritical Carbon Dioxide Fluid. Key Engineering Materials, 2006, 320, 91-94.	0.4	2
125	Synthesis and Properties of Nd-Substituted Bismuth Titanate Polycrystalline Thin Films with a-/b-Axes Orientation. Key Engineering Materials, 2006, 301, 57-60.	0.4	2
126	Single-phase Pb(Zn1/3Nb2/3)O3 thin films grown by metalorganic chemical vapor deposition: Effects of growth sequence and substrates. Journal of Crystal Growth, 2007, 298, 495-499.	1.5	2

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127	Dielectric Properties of Highly (001)-Plane Oriented SrBi₄Ti₄O₁₅ Thin Films. Key Engineering Materials, 2010, 445, 131-134.	0.4	2
128	Dielectric property of (001) one-axis oriented CaBi₄Ti₄O₁₅-based thin films and their temperature dependence. Journal of the Ceramic Society of Japan, 2014, 122, 477-482.	1.1	2
129	Chemical Fluid Deposition of Hf-Zr-O-based Thin Films using Supercritical Carbon Dioxide Fluid. Materials Research Society Symposia Proceedings, 2015, 1729, 99-104.	0.1	2
130	Chemical deposition of silica-based thin films under supercritical carbon dioxide atmosphere using tetraethylorthosilicate precursor with oxidizing agents. Journal of the Ceramic Society of Japan, 2016, 124, 18-22.	1.1	2
131	Dielectric properties of BaTiO₃–Bi(Mg_{1/2}Ti_{1/2})O₃ films with preferential crystal orientation. Journal of the Ceramic Society of Japan, 2016, 124, 648-652.	1.1	2
132	Time response demonstration of in situ lattice deformation under an applied electric field by synchrotron-based time-resolved X-ray diffraction in polar-axis-oriented epitaxial Pb(Zr,Ti)O3 film. Japanese Journal of Applied Physics, 2018, 57, 0902B8.	1.5	2
133	Polarization switching behavior of one-axis-oriented lead zirconate titanate films fabricated on metal oxide nanosheet layer. Japanese Journal of Applied Physics, 2017, 56, 10PF10.	1.5	2
134	Enhancement of Remanent Polarization of BIT-based Thin Films by Ti-site Substitution using Ions with Higher Charge Valences. Materials Research Society Symposia Proceedings, 2002, 748, 1.	0.1	1
135	Improvement of Ferroelectric Properties of Lead Zirconate Titanate Thin Films by Ion-substitution using Rare-earth Cations. Materials Research Society Symposia Proceedings, 2004, 830, 165.	0.1	1
136	Characterization of zinc-modified lithium tantalate thin films fabricated by chemical solution deposition method. Journal of Sol-Gel Science and Technology, 2007, 42, 265-269.	2.4	1
137	Low-Temperature Processing of Sol-Gel Derived Metal Oxide Thin Films using Supercritical Carbon Dioxide Fluid. Materials Research Society Symposia Proceedings, 2008, 1113, 1.	0.1	1
138	Pulsed-laser Irradiation to Suspended Carbon Particles in Aqueous Silver Nitrate Solution. Chemistry Letters, 2008, 37, 818-819.	1.3	1
139	Dispersion of Barium Titanate and Strontium Titanate Nanocubes and their Selective Accumulations. Key Engineering Materials, 0, 445, 183-186.	0.4	1
140	Dielectric Property of Silicate-Doped CaBi$_{4}$Ti$_{4}$O$_{15}$ Thin Films. Japanese Journal of Applied Physics, 2012, 51, 09LA16.	1.5	1
141	Identification of the Occupation Site of Dy- or Y-Substituted PZT Films and the Correlation Between Occupation Site and Ferroelectric Property. Integrated Ferroelectrics, 2013, 141, 1-8.	0.7	1
142	One-Axis-Oriented Crystal Growth of Lead Zirconate Titanate Thin Films on Metal Substrates Using Perovskite-Type Oxide Nanosheet Layer. Key Engineering Materials, 2013, 582, 15-18.	0.4	1
143	Investigation of mixing effects of silicon isotopes under shaveâ€off condition using atom probe tomography. Surface and Interface Analysis, 2014, 46, 1200-1203.	1.8	1
144	Reconstruction in Atom Probe Tomography Considering the Cone Angle of Needle-Like Shaped Samples and Evaluation of Reliability. E-Journal of Surface Science and Nanotechnology, 2015, 13, 235-238.	0.4	1

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145	Atom probe tomography study on Ge1â^'xâ^'ySnxCy hetero-epitaxial film on Ge substrates. Thin Solid Films, 2015, 592, 54-58.	1.8	1
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