

Shintaro Yasui

List of Publications by Year in descending order

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citations

226546

25
h-index

299175

39
g-index

146
all docs

146
docs citations

146
times ranked

3225
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of ferroelectricity in a distorted wurtzite-type structure of Sc-doped LiGaO ₂ . RSC Advances, 2024, 14, 13900-13904.	3.7	0
2	Design of a KNN-BZT Ceramic with High Energy Storage Properties and Transmittance under Low Electric Fields. ACS Omega, 2023, 8, 7883-7890.	3.6	14
3	Evaluation of ferroelectricity in BaTiO ₃ epitaxial thin film using Ca(Mn,Nb)O ₃ bottom electrode for high-temperature annealing. Applied Physics Letters, 2023, 123, .	3.2	0
4	Preparation of sintering-free non-crystalline Li ₂ B ₄ O ₇ ceramics for Li-ion battery's binder. Japanese Journal of Applied Physics, 2023, 62, SM1025.	1.6	0
5	Body composition adaptations to lower-body plyometric training: a systematic review and meta-analysis. Biology of Sport, 2022, 39, 273-287.	3.4	16
6	Unveiling a Chemisorbed Crystallographically Heterogeneous Graphene/L ₁ O ₂ -FePd Interface with a Robust and Perpendicular Orbital Moment. ACS Nano, 2022, 16, 4139-4151.	15.3	10
7	Enhancement of room-temperature magnetization in GaFeO ₃ -type single crystals by Al and Sc doping. AIP Advances, 2022, 12, .	1.3	1
8	Enhancement of crystal anisotropy and ferroelectricity by decreasing thickness in (Al,Sc)N films. Journal of the Ceramic Society of Japan, 2022, 130, 436-441.	1.3	15
9	Soil moisture variability on golf course fairways across the United States: An opportunity for water conservation with precision irrigation. , 2022, 5, .		3
10	Film thickness dependence of in-plane ferroelastic domain structure in constrained tetragonal PbTiO ₃ films induced by isotropic tensile strain. Applied Physics Letters, 2022, 121, .	3.2	1
11	Large Polarization Switching and High-Temperature Magnetoelectric Coupling in Multiferroic GaFeO ₃ Systems. Inorganic Chemistry, 2021, 60, 225-230.	4.2	8
12	Room-Temperature Antiferroelectricity in Multiferroic Hexagonal Rare-Earth Ferrites. ACS Applied Materials & Interfaces, 2021, 13, 4230-4235.	8.3	13
13	Multi-factor mediated functional modules identify novel classification of ulcerative colitis and functional gene panel. Scientific Reports, 2021, 11, 5669.	3.4	7
14	Estimation of reactor vessel failure by metallic interaction in Fukushima Daiichi Nuclear Power Plant accident. Journal of Nuclear Science and Technology, 2021, 58, 1235-1243.	1.3	1
15	Ultrafast charge transfer at the electrode ⁺ electrolyte interface via an artificial dielectric layer. Journal of Power Sources, 2021, 494, 229710.	8.0	15
16	Ionic Order Engineering in Double-Perovskite Cobaltite. Chemistry of Materials, 2021, 33, 5675-5680.	7.1	10
17	Single-Crystal Synthesis of μ -Fe ₂ O ₃ -Type Oxides Exhibiting Room-Temperature Ferrimagnetism and Ferroelectric Polarization. Crystal Growth and Design, 2021, 21, 4904-4908.	3.2	5
18	Excellent electrochemical properties, Li ion dynamics and room temperature work function of Li ₂ MnO ₃ cathode thin films. Nanotechnology, 2021, 32, 385406.	2.7	2

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19	Suppression Mechanisms of the Solid-Electrolyte Interface Formation at the Triple-Phase Interfaces in Thin-Film Li-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 34027-34032.	8.3	0
20	Surface-supporting method of micropad deposition onto LiCoO_2 ; epitaxial thin films to improve high C-rate performance. Journal of the Ceramic Society of Japan, 2021, 129, 415-418.	1.3	1
21	A surface-supporting method for an anode material of $\text{Li}_4\text{Ti}_5\text{O}_{12}$ via an epitaxial thin film approach. Japanese Journal of Applied Physics, 2021, 60, SFFB11.	1.6	0
22	Epitaxial pillar-matrix nanocomposite thin films of $\text{Bi}(\text{Fe}_x\text{O})$ and CoFe_2O_4 grown on SrTiO_3 (110). Journal of Applied Physics, 2021, 130, 084101.	2.3	1
23	Ferroelectric and magnetic properties in $\lambda\text{-Fe}_2\text{O}_3$ epitaxial film. Applied Physics Letters, 2021, 119, .	3.2	4
24	Growth mechanism and domain structure study on epitaxial BiFeO_3 film grown on $(\text{La}_{0.3}\text{Sr}_{0.7})(\text{Al}_{0.65}\text{Ta}_{0.35})\text{O}_3$. Journal of Applied Physics, 2020, 127, .	2.3	6
25	In-plane ferroelectricity and enhanced Curie temperature in perovskite BaTiO_3 epitaxial thin films. Applied Physics Letters, 2020, 117, .	3.2	7
26	Cation-Deficiency-Induced Crystal-Site Engineering for $\text{ZnGa}_2\text{O}_4:\text{Mn}^{2+}$ Thin Film. Inorganic Chemistry, 2020, 59, 8744-8748.	4.2	22
27	Bandgap tuning and optimization of green-emitting $\text{Zn}_2\text{SnO}_4\text{-Mg}_2\text{SnO}_4:\text{Mn}^{2+}$ using combinatorial pulsed laser deposition. Ceramics International, 2020, 46, 21771-21774.	4.9	4
28	Modulating the Structure and Magnetic Properties of $\lambda\text{-Fe}_2\text{O}_3$ Nanoparticles via Electrochemical Li^+ Insertion. Inorganic Chemistry, 2020, 59, 4357-4365.	4.2	4
29	Redox-Based Multilevel Resistive Switching in AlFeO_3 Thin-Film Heterostructures. ACS Applied Electronic Materials, 2020, 2, 1065-1073.	4.4	6
30	Simple Method to Obtain Large-Size Single-Crystalline Oxide Sheets. Advanced Functional Materials, 2020, 30, 2001236.	16.5	36
31	Investigation of ferrimagnetism and ferroelectricity in $\text{Al}_x\text{Fe}_{2-x}\text{O}_3$ thin films. Journal of Materials Chemistry C, 2020, 8, 706-714.	5.6	9
32	Switchable third ScFeO_3 polar ferromagnet with YMnO_3 -type structure. Journal of Materials Chemistry C, 2020, 8, 4447-4452.	5.6	14
33	Epitaxial strain engineering of luminescent properties in $\text{ZnGa}_2\text{O}_4:\text{Mn}$ thin films. Applied Physics Express, 2020, 13, 082004.	2.4	2
34	The effect of relative permittivity of surface supporting materials for high-speed rechargeable LiCoO_2 cathode film. Journal of Power Sources, 2019, 441, 227194.	8.0	11
35	The effects of BaTiO_3 nanodots density support on epitaxial LiCoO_2 thin-film for high-speed rechargeability. Electrochemistry Communications, 2019, 109, 106604.	4.8	5
36	Ferroelectric and ferrimagnetic properties of $\lambda\text{-Rh}_x\text{Fe}_{2-x}\text{O}_3$ thin films. Journal of the Ceramic Society of Japan, 2019, 127, 474-477.		

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37	Paradoxistic domain motion by pulsed electric field in PbTiO_3 rhombohedral epitaxial thin films. <i>Physical Review B</i> , 2019, 100, .	3.3	3
38	Magnetic properties of Single Crystal GaFeO_3 . <i>MRS Advances</i> , 2019, 4, 61-66.	1.0	5
39	Short range biaxial strain relief mechanism within epitaxially grown BiFeO_3 . <i>Scientific Reports</i> , 2019, 9, 6715.	3.4	7
40	Fabrication and Characterization of Multiferroic $\text{Al}_0.5\text{Fe}_{1.5}\text{O}_3$ Epitaxial Thin Films. <i>MRS Advances</i> , 2019, 4, 539-544.	1.0	0
41	Growth of CuSbS_2 Single Crystal as an Environmentally Friendly Thermoelectric Material. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1800861.	1.9	10
42	Enhancement of Ultrahigh Rate Chargeability by Interfacial Nanodot BaTiO_3 Treatment on LiCoO_2 Cathode Thin Film Batteries. <i>Nano Letters</i> , 2019, 19, 1688-1694.	9.5	52
43	Ferroelectric BaTaO_2N Crystals Grown in a BaCN_2 Flux. <i>Inorganic Chemistry</i> , 2019, 58, 16752-16760.	4.2	32
44	Epitaxial Growth of Orthorhombic GaFeO_3 Thin Films on SrTiO_3 (111) Substrates by Simple Sol-Gel Method. <i>Materials</i> , 2019, 12, 254.	3.0	8
45	A 12.8-Gb/s Daisy Chain-Based Downlink I/F Employing Spectrally Compressed Multi-Band Multiplexing for High-Bandwidth, Large-Capacity Storage Systems. <i>IEEE Journal of Solid-State Circuits</i> , 2019, 54, 1086-1095.	5.7	5
46	Parcellation of the Human Cerebral Cortex Based on Molecular Targets in the Serotonin System Quantified by Positron Emission Tomography In vivo. <i>Cerebral Cortex</i> , 2019, 29, 372-382.	3.2	12
47	Growth of epitaxial bismuth ruthenate pyrochlore films on yttria-stabilized zirconia (YSZ) and YSZ-buffered Si substrates by metal-organic chemical vapor deposition. <i>Thin Solid Films</i> , 2019, 669, 471-474.	1.9	2
48	Superconducting transition temperatures in the electronic and magnetic phase diagrams of $\text{Sr}_2\text{VFeAsO}_3$, a superconductor. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 115801.	1.9	8
49	Low-Temperature High-Rate Capabilities of Lithium Batteries via Polarization-Assisted Ion Pathways. <i>Advanced Electronic Materials</i> , 2018, 4, 1700413.	5.4	34
50	The single-crystal multinary compound $\text{Cu}_2\text{ZnSnS}_4$ as an environmentally friendly high-performance thermoelectric material. <i>Applied Physics Express</i> , 2018, 11, 051203.	2.4	25
51	Structural, magnetic, and ferroelectric properties of T-like cobalt-doped BiFeO_3 thin films. <i>APL Materials</i> , 2018, 6, .	4.8	17
52	Ferrimagnetism and Ferroelectricity in Cr-Substituted GaFeO_3 Epitaxial Films. <i>Chemistry of Materials</i> , 2018, 30, 1436-1441.	7.1	29
53	Investigation of residual stress in lead-free BNT-based ceramic/ceramic composites. <i>Acta Materialia</i> , 2018, 148, 432-441.	8.0	34
54	Tensile stress effect on epitaxial BiFeO_3 thin film grown on KTaO_3 . <i>Scientific Reports</i> , 2018, 8, 893.	3.4	14

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55	High-Rate Performance of LiCoO ₂ Epitaxial Thin Films with Various Surface Conditions. MRS Advances, 2018, 3, 1243-1247.	1.0	3
56	Ferroelectric and Magnetic Properties in Room-Temperature Multiferroic Ga _x Fe _{2-x} O ₃ Epitaxial Thin Films. Advanced Functional Materials, 2018, 28, 1704789.	16.5	47
57	Determination of rhombohedral structure of BiFeO ₃ single-domain-like films grown on SrTiO ₃ and LaAlO ₃ substrates by X-ray diffraction using $(2\theta)_{\text{hex}}$. Japanese Journal of Applied Physics, 2018, 57, 0902BC.	1.6	3
58	Effect of Cr substitution on ferrimagnetic and ferroelectric properties of GaFeO ₃ epitaxial thin films. Applied Physics Letters, 2018, 113, .	3.2	6
59	Strategy to utilize transmission electron microscopy and X-ray diffraction to investigate biaxial strain effect in epitaxial BiFeO ₃ films. Japanese Journal of Applied Physics, 2018, 57, 0902A5.	1.6	7
60	Effects of chalcogen composition on the thermoelectric properties in Cu ₂ ZnSn(S _{1-x} Se _x) ₄ single crystals. Japanese Journal of Applied Physics, 2018, 57, 101201.	1.6	7
61	Solid-solution thin films of ternary BaTiO ₃ -Bi(Mg _{1/2} Ti _{1/2})O ₃ -BiFeO ₃ system epitaxially grown on SrRuO ₃ /SrTiO ₃ substrates via chemical solution process. Japanese Journal of Applied Physics, 2018, 57, 0902B5.	1.6	1
62	Structural variations and dielectric properties of $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ thin films. Applied Physics Letters, 2018, 113, .	2.5	12
63	Elucidation of crystal and electronic structures within highly strained BiFeO ₃ by transmission electron microscopy and first-principles simulation. Scientific Reports, 2017, 7, 46498.	3.4	17
64	Lead-Free Multilayer Piezoceramic Composites: Effect of Cosintering on Electromechanical Properties. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2017, 64, 1127-1134.	3.2	1
65	Control of crystal-domain orientation in multiferroic Ga _{0.6} Fe _{1.4} O ₃ epitaxial thin films. Applied Physics Letters, 2017, 110, .	3.2	21
66	Electric Transport Characteristics of Gallium Iron Oxide Epitaxial Thin Film. MRS Advances, 2017, 2, 3459-3464.	1.0	1
67	Asymmetry in mechanical polarization switching. Applied Physics Letters, 2017, 110, .	3.2	20
68	Randomized clinical trial of BiClamp forceps versus clamp-crushing technique in open liver resection. Journal of Hepato-Biliary-Pancreatic Sciences, 2017, 24, 137-142.	2.7	4
69	In-situ observation of ultrafast 90° domain switching under application of an electric field in (100)/(001)-oriented tetragonal epitaxial Pb(Zr _{0.4} Ti _{0.6})O ₃ thin films. Scientific Reports, 2017, 7, 9641.	3.4	25
70	Epitaxial thin film growth of garnet-, GdFeO ₃ -, and YMnO ₃ -type LuFeO ₃ using pulsed laser deposition. Thin Solid Films, 2017, 642, 41-44.	1.9	6
71	Crystal structure and magnetism in $\text{Al}_x\text{Fe}_{2-x}\text{O}_3$ films on SrTiO ₃ (111). Journal of Applied Physics, 2017, 122, 015301.	2.3	14
72	Chemical tuning of room-temperature ferrimagnetism and ferroelectricity in $\text{Lu}_{1-x}\text{Fe}_2\text{O}_3$ -type multiferroic oxide thin films. Journal of Materials Chemistry C, 2017, 5, 12597-12601.	5.6	25

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73	Wide-Open: Accelerating public data release by automating detection of overdue datasets. PLoS Biology, 2017, 15, e2002477.	5.4	12
74	Mechanism of polarization switching in wurtzite-structured zinc oxide thin films. Applied Physics Letters, 2016, 109, .	3.2	36
75	Evidence of ferroelectricity in ferrimagnetic $\text{In}_{0.25}\text{Fe}_{1.75}\text{O}_3$ films. Applied Physics Letters, 2016, 109, .	3.2	15
76	Large irreversible non-180° domain switching after poling treatment in $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ films. Applied Physics Letters, 2016, 108, .	3.2	10
77	High temperature stability of the dielectric and insulating properties of $\text{Ca}(\text{Ti}, \text{Zr})\text{SiO}_5$ ceramics. Applied Physics Letters, 2016, 108, .	3.2	14
78	Crystal Isomers of ScFeO_3 . Crystal Growth and Design, 2016, 16, 5214-5222.	3.2	25
79	Structural study of epitaxial LiCoO_2 films grown by pulsed laser deposition on single crystal SrTiO_3 substrates. Thin Solid Films, 2016, 612, 472-482.	1.9	33
80	Neuropsychiatric subsyndromes and brain metabolic network dysfunctions in early onset Alzheimer's disease. Human Brain Mapping, 2016, 37, 4234-4247.	3.7	57
81	Enhancement of Dielectric Properties in Epitaxial Bismuth Ferrite/Bismuth Samarium Ferrite Superlattices. Advanced Electronic Materials, 2016, 2, 1600170.	5.4	9
82	Phase transitions associated with competing order parameters in compressively strained SrTiO_3 films. Physical Review B, 2015, 91, .	3.2	18
83	Reversible electrochemical modulation of the superconducting transition temperature of LiTi_2O_4 ultrathin films by ionic liquid gating. Applied Physics Letters, 2015, 107, 142602.	3.2	20
84	Electric-field-temperature phase diagram of Mn-doped $\text{Bi}_{0.5}(\text{Na}_{0.9}\text{K}_{0.1})_{0.5}\text{TiO}_3$ ceramics. Applied Physics Letters, 2015, 107, .	3.2	62
85	Anomalous magnetoresistance in the spinel superconductor LiTi_2O_4 . Nature Communications, 2015, 6, 7183.	13.2	55
86	$\text{Ba}(\text{Zr Ti})\text{O}_3$ thin films for tunable microwave applications. Ceramics International, 2015, 41, S323-S330.	4.9	10
87	Epitaxial LiCoO_2 Films as a Model System for Fundamental Electrochemical Studies of Positive Electrodes. ACS Applied Materials & Interfaces, 2015, 7, 7901-7911.	8.3	70
88	Reactive sputtering process and properties of $\text{Ba}(\text{Zr}, \text{Ti})\text{O}_3$ films for high frequency applications. , 2015, .		0
89	Interface control of a morphotropic phase boundary in epitaxial samarium modified bismuth ferrite superlattices. Physical Review B, 2014, 90, .	3.3	21
90	Direct observation of intrinsic piezoelectricity of $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ by time-resolved x-ray diffraction measurement using single-crystalline films. Applied Physics Letters, 2014, 105, .	3.2	25

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91	Ferroelectricity in wurtzite structure simple chalcogenide. Applied Physics Letters, 2014, 104, .	3.2	60
92	Characterizations of epitaxial Bi(Mg _{1/2} Ti _{1/2})O ₃ –Bi(Zn _{1/2} Ti _{1/2})O ₃ solid solution films grown by pulsed laser deposition. Japanese Journal of Applied Physics, 2014, 53, 05FE06.		2
93	Preparation and characterization of Ba(Zr _x Ti _{1-x})O ₃ thin films for high-frequency applications. Japanese Journal of Applied Physics, 2014, 53, 09PB04.	1.6	5
94	Measurement of transient photoabsorption and photocurrent of BiFeO ₃ thin films: Evidence for long-lived trapped photocarriers. Physical Review B, 2014, 89, .	3.3	30
95	Achieved Blood Pressures in the Secondary Prevention of Small Subcortical Strokes (SPS3) Study: Challenges and Lessons Learned. American Journal of Hypertension, 2014, 27, 1052-1060.	1.9	22
96	Epitaxial growth of metastable multiferroic AlFeO ₃ film on SrTiO ₃ (111) substrate. Applied Physics Letters, 2014, 104, 082906.	3.2	44
97	Ferroelectric and piezoelectric properties of (K,Na)NbO ₃ thick films prepared on metal substrates by hydrothermal method. Journal of the Korean Physical Society, 2013, 62, 1055-1059.	0.7	19
98	Growth of (111) One-Axis-Oriented Bi(Mg _{1/2} Ti _{1/2})O ₃ Films on (100)Si Substrates. Japanese Journal of Applied Physics, 2013, 52, 04CH09.	1.6	4
99	Unusual 90° domain structure in (2/3)Bi(Zn _{1/2} Ti _{1/2})O ₃ -(1/3)BiFeO ₃ epitaxial films with giant 22% tetragonal distortion. Applied Physics Letters, 2013, 103, .	3.2	10
100	Crystal Structure Change with Applied Electric Field for (100)/(001)-oriented Polycrystalline Lead Zirconate Titanate Films. Materials Research Society Symposia Proceedings, 2013, 1507, 1.	0.1	3
101	Composition dependency of crystal structure, electrical and piezoelectric properties for hydrothermally-synthesized 3 μm-thickness (K _{1-x} Na _x) _{1-x/3} NbO ₃ films. Journal of the Ceramic Society of Japan, 2013, 121, 627-631.	1.3	22
102	Temperature and electric field stabilities of dielectric and insulating properties for <i>c</i> -axis-oriented CaBi ₄ Ti ₄ O ₁₅ films. Journal of Applied Physics, 2013, 114, .	2.3	11
103	Film Thickness Dependence of Ferroelectric Properties of (111)-Oriented Epitaxial Bi(Mg _{1/2} Ti _{1/2})O ₃ Films. Japanese Journal of Applied Physics, 2012, 51, 09LA04.	1.6	15
104	Film Thickness Dependence of Crystal Structure in 100-Oriented Epitaxial Pb(Zr _{0.65} Ti _{0.35})O ₃ Films Grown on Single-Crystal Substrates with Different Thermal Expansion Coefficients. Japanese Journal of Applied Physics, 2012, 51, 09LA14.	1.6	6
105	Domain tuning in mixed-phase BiFeO ₃ thin films using vicinal substrates. Applied Physics Letters, 2012, 100, .	3.2	12
106	Development of novel Pb, Li, Na and K-free piezoelectric materials for Si-based MEMS application. , 2012, .		0
107	Growth of (111)-oriented BaTiO ₃ –Bi(Mg _{0.5} Ti _{0.5})O ₃ epitaxial films and their crystal structure and electrical property characterizations. Journal of Applied Physics, 2012, 111, .	2.3	15
108	Complex domain structure in relaxed PbTiO ₃ thick films grown on (100)cSrRuO ₃ /(100)SrTiO ₃ substrates. Journal of Applied Physics, 2012, 112, .	2.3	17

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109	Preferential Crystal Growth of (100)-Oriented BiFeO ₃ Films on Si Substrate. IOP Conference Series: Materials Science and Engineering, 2011, 18, 092033.	0.6	5
110	Enhancement of magnetization at morphotropic phase boundary in epitaxial BiCoO ₃ -BiFeO ₃ solid solution films grown on SrTiO ₃ (100) substrates. Journal of Applied Physics, 2011, 109, .	2.3	18
111	Growth of Epitaxial 100-Oriented KNbO ₃ -NaNbO ₃ Solid Solution Films on (100)-SrRuO ₃ by Hydrothermal Method and Their Characterization. Japanese Journal of Applied Physics, 2011, 50, 09ND11.	1.6	27
112	Ultrafast switching of ferroelastic nanodomains in bilayered ferroelectric thin films. Applied Physics Letters, 2011, 99, .	3.2	23
113	Growth of Epitaxial 100-Oriented KNbO ₃ -NaNbO ₃ Solid Solution Films on (100)-SrRuO ₃ by Hydrothermal Method and Their Characterization. Japanese Journal of Applied Physics, 2011, 50, 09ND11.	1.6	10
114	Orientation control of (001) and (101) in epitaxial tetragonal Pb(Zr,Ti)O ₃ films with (100)/(001) and (110)/(101) mixture orientations. Journal of the Ceramic Society of Japan, 2010, 118, 627-630.	1.3	18
115	In-situ lattice-strain analysis of a ferroelectric thin film under an applied pulse electric field. AIP Conference Proceedings, 2010, .	1.0	19
116	Composition dependence of crystal structure and electrical properties for epitaxial films of Bi(Zn _{1/2} Ti _{1/2})O ₃ -BiFeO ₃ solid solution system. Journal of the Ceramic Society of Japan, 2010, 118, 659-663.	1.3	10
117	Synchrotron X-ray diffraction study on a single nanowire of PX-phase lead titanate. Journal of the European Ceramic Society, 2010, 30, 3259-3262.	5.6	5
118	MOCVD growth and characterization of BiFeO ₃ -Bi(Zn _{1/2} Ti _{1/2})O ₃ ferroelectric films. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 173, 14-17.	3.6	7
119	Structural Property and Electric Field Response of a Single Perovskite PbTiO ₃ Nanowire Using Micro X-ray Beam. Japanese Journal of Applied Physics, 2010, 49, 09MC09.	1.6	4
120	Effect of Film Thickness and Crystal Orientation on the Constituent Phase in Epitaxial BiFeO ₃ -BiCoO ₃ Films Grown on SrTiO ₃ Substrates. Japanese Journal of Applied Physics, 2010, 49, 09MB04.	1.6	12
121	EVALUATION OF RELATIVE VOLUME FRACTION OF TETRAGONAL PHASE AND RHOMBOHEDRAL PHASE IN Pb(Zr,Ti)O ₃ FILM BY RAMAN SPECTROSCOPY. Integrated Ferroelectrics, 2010, 112, 33-41.	0.7	4
122	Composition control and thickness dependence of {100}-oriented epitaxial BiCoO ₃ -BiFeO ₃ films grown by metalorganic chemical vapor deposition. Journal of Applied Physics, 2009, 105, 061620.	2.3	17
123	Domain structure of (100)/(001)-oriented epitaxial PbTiO ₃ thick films with various volume fraction of (001) orientation grown by metal organic chemical vapor deposition. Applied Physics Letters, 2009, 94, .	3.2	28
124	<i>In situ</i> Observation of the Fatigue-Free Piezoelectric Microcantilever by Two-Dimensional X-ray Diffraction. Japanese Journal of Applied Physics, 2009, 48, 09KA03.	1.6	13
125	Growth of Epitaxial KNbO ₃ Thick Films by Hydrothermal Method and Their Characterization. Japanese Journal of Applied Physics, 2009, 48, 09KA14.	1.6	20
126	Piezoelectric Properties of {100}-Oriented Epitaxial BiCoO ₃ -BiFeO ₃ Films Measured Using Synchrotron X-ray Diffraction. Japanese Journal of Applied Physics, 2009, 48, 09KD06.	1.6	12

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127	Crystal Structure and Electrical Properties of {100}-Oriented Epitaxial BiCoO ₃ â€BiFeO ₃ Films Grown by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2008, 47, 7582.	1.6	40
128	Enhancement of ferroelectric and magnetic properties in BiFeO ₃ films by small amount of cobalt addition. Journal of Applied Physics, 2008, 103, .	2.3	36
129	Growth of Epitaxial Potassium Niobate Film on (100)SrRuO ₃ /(100)SrTiO ₃ by Hydrothermal Method and their Electromechanical Properties. Materials Research Society Symposia Proceedings, 2008, 1139, 1.	0.1	1
130	Epitaxially grown ferroelectric thin films for memory applications (ferroelectric random access) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.3	11
131	Annealing Temperature Dependences of Ferroelectric and Magnetic Properties in Polycrystalline Co-Substituted BiFeO ₃ Films. Japanese Journal of Applied Physics, 2008, 47, 7574-7578.	1.6	20
132	Analysis for crystal structure of Bi(Fe,Sc)O ₃ thin films and their electrical properties. Applied Physics Letters, 2007, 91, .	3.2	60
133	Structural and ferroelectric properties of BiFeO ₃ -BiCoO ₃ solid solution films. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
134	Crystal Structure Analysis of Epitaxial BiFeO ₃ â€BiCoO ₃ Solid Solution Films Grown by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2007, 46, 6948-6951.	1.6	48
135	Preparation and characterization of Bi-perovskite oxide films for piezo applications. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
136	Chlorido[(1,2,5,6-Î)-1,3,5,7-cyclooctatetraene]phenylplatinum(II). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2163-m2163.	0.2	1
137	Formation of BiFeO ₃ â€BiScO ₃ Thin Films and Their Electrical Properties. Japanese Journal of Applied Physics, 2006, 45, 7321-7324.	1.6	14
138	Ion Modification for Improvement of Electrical Properties of Perovskite-based Ferroelectric Thin Films Fabricated by Chemical Solution Deposition Method. Materials Research Society Symposia Proceedings, 2005, 902, 1.	0.1	0
139	Properties and primary structure of a thermostable l -malate dehydrogenase from Archaeoglobus fulgidus. Archives of Microbiology, 1997, 168, 59-67.	2.2	39
140	Rearrangement and expression of T cell antigen receptor and gamma genes during thymic development.. Journal of Experimental Medicine, 1986, 164, 1-24.	8.8	177
141	Organization and Efficacy of an Outâ€Patient Hypertension Clinic. Acta Medica Scandinavica, 1978, 203, 391-398.	0.0	51
142	Fabrication of BiFeO ₃ <sub>3</sub>-Bi(Zn<sub>1/2</sub>Ti<sub>1/2</sub>O<sub>3</sub>) Solid Solution Thin Films Using Perovskite-Type Oxide Interface Layer. Key Engineering Materials, 0, 566, 163-166.	0.2	0
143	MEASURED EDUCATION: SENSING, CONFIGURING AND INTERVENING WITH ADVANCED MEDIA. AoIR Selected Papers of Internet Research, 0, , .	0.0	0
144	<i>In-situ</i> observation of reversible 90Â°-domain switching in Pb(Zr, Ti)O ₃ films for microcantilever structure. Japanese Journal of Applied Physics, 0, , .	1.6	0

#	ARTICLE	IF	CITATIONS
145	Room temperature synthesis of BaTiO ₃ nanoparticles using titanium bis(ammonium) Tj ETQq1 1 0.784314 rgBT ₀ /Overlook	1.6	