

Hironori Fujisawa

List of Publications by Year in descending order

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152
papers

1,568
citations

346980

22
h-index

466096

32
g-index

154
all docs

154
docs citations

154
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of polarization-related band modulation at graphene/Mn-doped BiFeO ₃ interfaces by photoemission electron microscopy. Japanese Journal of Applied Physics, 2022, 61, SN1004.	0.8	1
2	Impact of film thickness on the external quantum efficiency of bulk photovoltaic effects in Mn-doped BiFeO ₃ thin films. Japanese Journal of Applied Physics, 2021, 60, SFFB02.	0.8	7
3	Effects of post-annealing temperature and micropillar shape on physical properties of micropillar-type multiferroic composite thin films. Japanese Journal of Applied Physics, 2021, 60, SFFB06.	0.8	0
4	Nonvolatile operation of vertical ferroelectric gate-all-around nanowire transistors. Japanese Journal of Applied Physics, 2021, 60, SFFB10.	0.8	3
5	Atomic structure stabilization in BiFeO ₃ thin film by Mn doping. Japanese Journal of Applied Physics, 2020, 59, 010602.	0.8	6
6	X-ray absorption and photoemission spectroscopy of bulk insulating materials using graphene. Japanese Journal of Applied Physics, 2020, 59, 128, .	1.1	4
7	Enhancement of photovoltage by electronic structure evolution in multiferroic Mn-doped BiFeO ₃ thin films. Scientific Reports, 2020, 10, 15108.	1.6	13
8	Water Electrolysis Using Thin Pt and RuO _x Catalysts Deposited by a Flame-Annealing Method on Pencil-Lead Graphite-Rod Electrodes. ACS Omega, 2020, 5, 6090-6099.	1.6	8
9	Fabrication and characterization of micropillar-type multiferroic composite thin films by metal organic chemical vapor deposition using a ferroelectric microplate structure. Japanese Journal of Applied Physics, 2020, 59, SCCB10.	0.8	5
10	Effects of substrate temperature on physical properties of microrod-type multiferroic composite thin films fabricated by metal organic chemical vapor deposition. Japanese Journal of Applied Physics, 2020, 59, SPPB08.	0.8	0
11	Fabrication and physical properties of bismuth layer-structured ferroelectric thin films with c-axis orientation epitaxially grown by high-temperature sputtering. Japanese Journal of Applied Physics, 2019, 58, SLLB09.	0.8	4
12	Introduction of charged domain walls into BiFeO ₃ thin films using a pit-patterned SrTiO ₃ (001) substrate. Japanese Journal of Applied Physics, 2019, 58, SLLB02.	0.8	1
13	Composition control and introduction of an Fe ₂ O ₃ seed layer in metalorganic chemical vapor deposition of epitaxial BiFeO ₃ thin films. Japanese Journal of Applied Physics, 2019, 58, 041003.	0.8	6
14	Bulk photovoltaic effects in Mn-doped BiFeO ₃ thin films and the optical strains. Japanese Journal of Applied Physics, 2018, 57, 11UF11.	0.8	8
15	Electric-field-induced lattice distortion in epitaxial BiFeO ₃ thin films as determined by <i>in situ</i> time-resolved x-ray diffraction. Applied Physics Letters, 2017, 111, .	1.5	3
16	Fabrication of ZnO/HfO ₂ /ZnO nanowire capacitors by MOCVD. , 2017, , .		0
17	Self-regulation of Bi/(Bi+Fe) ratio in metalorganic chemical vapor deposition of BiFeO ₃ thin films. Japanese Journal of Applied Physics, 2017, 56, 10PF05.	0.8	4
18	Domain structure of BiFeO ₃ thin films grown on patterned SrTiO ₃ (001) substrates. Japanese Journal of Applied Physics, 2017, 56, 10PF17.	0.8	1

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19	Fabrication and leakage current and ferroelectric characteristics of multiferroic $\text{Fe}_3\text{O}_4/(\text{Bi}_{0.25}\text{Nd}_{0.65}\text{Eu}_{0.10})\text{Ti}_3\text{O}_{12}$ composite thin films with Fe_3O_4 magnetic electrodes micropatterned by reactive ion etching. Japanese Journal of Applied Physics, 2017, 56, 10PF02.	0.8	4
20	Light stability tests of $\text{CH}_3\text{NH}_3\text{PbI}_3$ perovskite solar cells using porous carbon counter electrodes. Physical Chemistry Chemical Physics, 2016, 18, 27102-27108.	1.3	39
21	$\text{ZnO}/(\text{Hf,Zr})\text{O}_2/\text{ZnO}$ -trilayered nanowire capacitor structure fabricated solely by metalorganic chemical vapor deposition. Japanese Journal of Applied Physics, 2016, 55, 02BC08.	0.8	1
22	Growth of epitaxial Mn and Zn codoped BiFeO_3 thin films and an enhancement of photovoltage generated by a bulk photovoltaic effect. Japanese Journal of Applied Physics, 2016, 55, 10TA07.	0.8	10
23	Magnetic and structural characteristics of multiferroic $\text{Fe}_3\text{O}_4/(\text{Bi}_{0.25}\text{Nd}_{0.65}\text{Eu}_{0.10})\text{Ti}_3\text{O}_{12}$ composite thin films deposited by metalorganic chemical vapor deposition. Japanese Journal of Applied Physics, 2016, 55, 10TA01.	0.8	11
24	Strain evolution of epitaxial tetragonal-like BiFeO_3 thin films on $\text{LaAlO}_3(001)$ substrates prepared by sputtering and their bulk photovoltaic effect. Japanese Journal of Applied Physics, 2016, 55, 101501.	0.8	15
25	Effects of sputtering gas pressure on physical properties of ferroelectric $(\text{Bi}_{0.25}\text{Nd}_{0.65}\text{Eu}_{0.10})\text{Ti}_3\text{O}_{12}$ nanoplate films. Japanese Journal of Applied Physics, 2015, 54, 10NA01.	0.8	9
26	Introduction of an artificial domain wall into BiFeO_3 thin film using SrTiO_3 bicrystal substrate. Japanese Journal of Applied Physics, 2015, 54, 10NA06.	0.8	4
27	Anomalous photovoltaic effects in Pt/single-domain-structured BiFeO_3/Pt coplanar capacitors on SrTiO_3 substrates. Japanese Journal of Applied Physics, 2015, 54, 10NA16.	0.8	16
28	Influence of the polarization direction of light on the anomalous photovoltaic effect in BiFeO_3 thin films. Journal of the Korean Physical Society, 2015, 66, 1389-1393.	0.3	7
29	Thicknesses of domain walls in rhombohedral BiFeO_3 thin films evaluated by scanning nonlinear dielectric microscopy. Japanese Journal of Applied Physics, 2014, 53, 09PA13.	0.8	10
30	Current conduction in single-domain BiFeO_3 thin films. Japanese Journal of Applied Physics, 2014, 53, 08NA01.	0.8	2
31	Bulk photovoltaic effect in a BiFeO_3 thin film on a SrTiO_3 substrate. Japanese Journal of Applied Physics, 2014, 53, 09PA16.	0.8	32
32	Growth and local structure of BiFeO_3 thin films with giant tetragonality on SrRuO_3 -buffered $\text{SrTiO}_3(001)$ substrate by ion beam sputtering. Japanese Journal of Applied Physics, 2014, 53, 05FE05.	0.8	5
33	Lattice distortions and piezoelectric properties in $(\text{Bi}_{0.25}\text{Nd}_{0.75-x}\text{Eu}_x)\text{Ti}_3\text{O}_{12}$ nanoplates with a- and b-axis orientations. Japanese Journal of Applied Physics, 2014, 53, 02BC07.	0.8	6
34	Effects of deposition temperature on characteristics of ferroelectric $\text{Sr}_2\text{Bi}_4\text{Ti}_5\text{O}_{18}$ nanoplates fabricated by RF sputtering. Japanese Journal of Applied Physics, 2014, 53, 09PA02.	0.8	3
35	Two-step growth of ZnO nanorods by using MOCVD and control of their diameters and surface densities. Journal of the Korean Physical Society, 2013, 62, 1164-1168.	0.3	8
36	Fabrication of inorganic-organic composites containing ferroelectric nanoplates and evaluation of their piezoelectric response characteristics. Journal of the Korean Physical Society, 2013, 62, 999-1003.	0.3	3

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37	Influence of Lattice Distortion Induced by a Vicinal SrTiO ₃ (001) Substrate in Single-Domain BiFeO ₃ Thin Films Prepared by Radio Frequency Planar Magnetron Sputtering. Japanese Journal of Applied Physics, 2013, 52, 09KB03.	0.8	11
38	Nonlocality in spherical-aberration-corrected HAADF STEM images. Acta Crystallographica Section A: Foundations and Advances, 2013, 69, 289-296.	0.3	5
39	Effects of Eu ³⁺ Doping on Characteristics of (Bi _{3.25} Nd _{0.75})Ti ₃ O ₁₂ Nanoplates. Japanese Journal of Applied Physics, 2013, 52, 09KA10.	0.8	7
40	Synchrotron radiation analyses of lattice strain behaviors for rhombohedral Pb(Zn _{1/3} Nb _{2/3})O ₃ single crystals under electric fields. Journal of the Ceramic Society of Japan, 2013, 121, 632-637.		
41	Switching Current Measurements of Self-Assembled Ferroelectric PbTiO ₃ Nanoislands Using Scanning Probe Microscopy. Japanese Journal of Applied Physics, 2012, 51, 021501.	0.8	3
42	Size Dependence of Ferroelectric Polarization in PbTiO ₃ Nanoislands. Japanese Journal of Applied Physics, 2012, 51, 09LA07.	0.8	5
43	Preparation and Characterization of High Quality Lead-free BiFeO ₃ Thin Films by Sputtering Process. , 2012, , .		2
44	Structural and Ferroelectric Properties of Domain-Structure-Controlled BiFeO ₃ Thin Films Prepared by Dual-Ion-Beam Sputtering. Japanese Journal of Applied Physics, 2012, 51, 09LB02.	0.8	3
45	Fabrication of PZT/ZnO Core-Shell Nanowires by Metalorganic Chemical Vapor Deposition. , 2012, , .		1
46	Selective growth of ZnO nanorods and their applications to ferroelectric nanorods. Journal of Applied Physics, 2012, 112, 034111.	1.1	12
47	Structural and Ferroelectric Properties of Domain-Structure-Controlled BiFeO ₃ Thin Films Prepared by Dual-Ion-Beam Sputtering. Japanese Journal of Applied Physics, 2012, 51, 09LB02.	0.8	7
48	Switching Current Measurements of Self-Assembled Ferroelectric PbTiO ₃ Nanoislands Using Scanning Probe Microscopy. Japanese Journal of Applied Physics, 2012, 51, 021501.	0.8	0
49	Size Dependence of Ferroelectric Polarization in PbTiO ₃ Nanoislands. Japanese Journal of Applied Physics, 2012, 51, 09LA07.	0.8	1
50	Characterization of epitaxial BiFeO ₃ thin films prepared by ion beam sputtering. Current Applied Physics, 2011, 11, S244-S246.	1.1	8
51	Preparation of BiFeO ₃ Thin Films on SrRuO ₃ /SrTiO ₃ (001) Substrate by Dual Ion Beam Sputtering. Japanese Journal of Applied Physics, 2011, 50, 09NB01.	0.8	12
52	Growth of high quality BiFeO ₃ thin films by dual ion beam sputtering. , 2011, , .		2
53	Ferro- and piezoelectric properties of (Bi _{3.25} Nd _{0.75})Ti ₃ O ₁₂ nanoplates epitaxially grown on Nb:TiO ₂ (101) substrates by sputtering. , 2011, , .		1
54	Structural and Ferroelectric Properties of Large c/a Phase Bismuth Ferrite Thin Films Prepared by Ion Beam Sputtering. Materials Research Society Symposia Proceedings, 2011, 1292, 3.	0.1	0

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55	Crystalline Orientation of PbTiO ₃ Nanorods Grown by MOCVD Using ZnO Nanorods as a Template. Materials Research Society Symposia Proceedings, 2011, 1292, 137.	0.1	4
56	X-ray Diffraction Study of Electric-field-induced Strains in Polycrystalline BiFeO ₃ Thin Films at Low Temperature Using Synchrotron Radiation. Journal of the Korean Physical Society, 2011, 59, 2556-2559.	0.3	4
57	Preparation of BiFeO ₃ Thin Films on SrRuO ₃ /SrTiO ₃ (001) Substrate by Dual Ion Beam Sputtering. Japanese Journal of Applied Physics, 2011, 50, 09NB01.	0.8	2
58	Structural Characteristics of Epitaxially a- and b-axis-oriented (Bi _{3.25} Nd _{0.75})Ti ₃ O ₁₂ Films Fabricated on Conductive Nb:TiO ₂ Substrates by High-temperature Sputtering. Journal of the Korean Physical Society, 2011, 59, 2528-2531.	0.3	0
59	PbTiO ₃ thin films grown on Pt-covered vicinal SrTiO ₃ (001) substrates. Journal of the Korean Physical Society, 2011, 59, 2560-2564.	0.3	1
60	Structural and ferroelectric properties of epitaxial Bi ₅ Ti ₃ FeO ₁₅ and natural-superlattice-structured Bi ₄ Ti ₃ O ₁₂ Bi ₅ Ti ₃ FeO ₁₅ thin films. Journal of Applied Physics, 2010, 108, .	1.1	42
61	Crystal Growth and Structural Characteristics of Preferentially a- and b-Axis Oriented (Bi _{4-x} Nd _x)Ti ₃ O ₁₂ Films Fabricated by High-Temperature Sputtering. Ferroelectrics, 2010, 406, 155-160.	0.3	0
62	Characterization of (Bi _{3.25} Nd _{0.75})Ti ₃ O ₁₂ Thin Films with a- and b-Axis Orientations Deposited on Nb:TiO ₂ Substrates by High-Temperature Sputtering. Japanese Journal of Applied Physics, 2010, 49, 09MA03.	0.8	16
63	Synthesis of PbTiO ₃ Nanotubes by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2009, 48, 09KA05.	0.8	21
64	Fabrication and Characterization of Nd-Substituted Bi ₄ Ti ₃ O ₁₂ Thin Films with a- and b-Axis Orientations by High-Temperature Sputtering. Japanese Journal of Applied Physics, 2009, 48, 09KA09.	0.8	9
65	PbTiO ₃ - and Pb(Zr,Ti)O ₃ -Covered ZnO Nanorods. Applied Physics Express, 2009, 2, 055003.	1.1	21
66	Leakage Current of PLD- and CSD-BiFeO ₃ Thin Films Observed by Current Sensitive AFM. Materials Research Society Symposia Proceedings, 2009, 1199, 120.	0.1	0
67	Ferroelectric and structural properties of stress-constrained and stress-relaxed polycrystalline BiFeO ₃ thin films. Journal of Applied Physics, 2009, 105, 061617.	1.1	20
68	Size Dependence of Ferroelectric Properties of Epitaxial PbTiO ₃ Nanoislands on Pt/SrTiO ₃ (100). Transactions of the Materials Research Society of Japan, 2009, 34, 23-26.	0.2	1
69	Epitaxial Growth and Ferroelectric Properties of PbTiO ₃ Nanoislands and Thin Films Grown on Single-Crystalline Pt Films. Japanese Journal of Applied Physics, 2008, 47, 7505.	0.8	24
70	Multiferroism at Room Temperature in BiFeO ₃ /BiCrO ₃ (111) Artificial Superlattices. Applied Physics Express, 2008, 1, 101302.	1.1	33
71	Epitaxial Growth and Ferroelectric Properties of PbTiO ₃ Thin Films on Coherently Grown Pt Bottom Electrodes. Transactions of the Materials Research Society of Japan, 2008, 33, 23-26.	0.2	1
72	Fabrication of PbTiO ₃ Nanoislands by MOCVD and their Ferroelectricity. Nihon Kessho Gakkaishi, 2008, 50, 276-281.	0.0	0

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73	Growth of Perovskite (Bi,Ln)(Ni _{0.5} Ti _{0.5})O ₃ Thin Films by RF Magnetron Sputtering. Japanese Journal of Applied Physics, 2007, 46, 6938-6943.	0.8	5
74	Growth of ferroelectric bismuth lanthanum nickel titanate thin films by rf magnetron sputtering. Journal of Applied Physics, 2007, 101, 074110.	1.1	5
75	Stress Dependence of Crystal Structure of Polycrystalline BiFeO ₃ Thin Films on Membrane Structure Prepared by Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 2007, 1034, 37.	0.1	0
76	Ferroelectric Properties and Memory Characteristics of Epitaxial Pb(Zr _{<sub>0.3</sub></sub>Ti_{<sub>0.7</sub></sub>)O_{<sub>3</sub></sub>Thin Films with Different Thicknesses Crystallized by Hot Isostatic Pressing. Ferroelectrics, 2007, 357, 264-270.}}}	0.3	1
77	Epitaxial growth of Pt and Ir thin films on a SrTiO ₃ (001) substrate. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
78	Preparation of Ir-Based Electrode Thin Films by Liquid-Delivery MOCVD. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	0
79	Quantitative Analysis of Atomic Resolution HAADF-STEM (Z-contrast) Imaging for PbTiO ₃ / SrTiO ₃ Substrate Dielectric Thin Films. Microscopy and Microanalysis, 2006, 12, 1352-1353.	0.2	2
80	Fabrication of Ir-Based Electrodes by Metal Organic Chemical Vapor Deposition Using Liquid Ir Precursors. Japanese Journal of Applied Physics, 2006, 45, 7354-7359.	0.8	7
81	Fabrication of Self-Assembled Au Nanodots and Their Applications to Ferroelectric Nanocapacitors. Japanese Journal of Applied Physics, 2006, 45, 7262-7264.	0.8	8
82	LOW TEMPERATURE CRYSTALLIZATION OF Pb(Zr,Ti)O ₃ AND PbTiO ₃ MOCVD THIN FILM BY HYDROTHERMAL TREATMENT AT 240Å°C. Integrated Ferroelectrics, 2006, 84, 137-146.	0.3	1
83	A Novel Iridium Precursor for MOCVD. ECS Transactions, 2006, 1, 133-138.	0.3	10
84	Preparation of PbZr _{1-x} Ti _x O ₃ nanostructures on various substrates by MOCVD. Journal of Crystal Growth, 2005, 275, e2433-e2438.	0.7	3
85	A Novel Iridium Precursor for MOCVD. ECS Meeting Abstracts, 2005, , .	0.0	0
86	Piezo- and Ferroelectric Properties of Self-Assembled PbTiO ₃ Nanoisland Structures Fabricated by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2005, 44, 6891-6894.	0.8	9
87	Ferroelectricity and local currents in epitaxial 5- and 9-nm-thick Pb(Zr,Ti)O ₃ ultrathin films by scanning probe microscopy. Applied Physics Letters, 2005, 86, 012903.	1.5	15
88	Structural control of self-assembled PbTiO ₃ nanoislands fabricated by metalorganic chemical vapor deposition. Applied Physics Letters, 2005, 86, 163106.	1.5	42
89	Microstructure and ferroelectric properties of ultrathin PbTiO ₃ films by MOCVD. Materials Research Society Symposia Proceedings, 2005, 902, 1.	0.1	0
90	Microstructures of Self-Assembled PbTiO ₃ Nanoislands Prepared by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2004, 43, 6539-6542.	0.8	9

#	ARTICLE	IF	CITATIONS
91	Piezoresponse Force Microscopy Observations of Switching Behavior in Pb(Zr,Ti)O ₃ Capacitors. Japanese Journal of Applied Physics, 2004, 43, 6571-6575.	0.8	9
92	Nanoscale Investigation of MOCVD- Pb(Zr,Ti)O ₃ Thin Films Using Scanning Probe Microscopy. , 2004, , 219-238.		0
93	Ferroelectric Properties and Memory Characteristics of Pb(Zr _{0.52} Ti _{0.48})O ₃ Thin Films Crystallized by Hot Isostatic Pressing. Integrated Ferroelectrics, 2004, 64, 145-155.	0.3	0
94	Self-Assembled PbTiO ₃ Nanoislands Prepared by MOCVD. Integrated Ferroelectrics, 2004, 62, 109-113.	0.3	6
95	Fabrication of Planar and Three-Dimensional PZT Capacitors with Ir-Based Electrodes Solely by Low-Temperature MOCVD Using a Novel Liquid Ir Precursor. Integrated Ferroelectrics, 2004, 68, 85-94.	0.3	13
96	Ferroelectric properties of Pb(Zr,Ti)O ₃ thin films prepared by low-temperature MOCVD using PbTiO ₃ seeds. Journal of the European Ceramic Society, 2004, 24, 1625-1628.	2.8	22
97	Ferroelectricity of the 1.7 nm-high and 38 nm-wide self-assembled PbTiO ₃ island. Journal of the European Ceramic Society, 2004, 24, 1641-1645.	2.8	36
98	Ferroelectric and Piezoelectric Properties of 0.24Pb(Zn _{1/3} Nb _{2/3})O ₃ ·0.384PbZrO ₃ ·0.376PbTiO ₃ Thin Films Crystallized by Hot Isostatic Pressing. Integrated Ferroelectrics, 2004, 63, 105-108.	0.3	2
99	Self-Assembled PbTiO ₃ Nano-Islands Prepared on SrTiO ₃ by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2003, 42, 5918-5921.	0.8	33
100	Ir Thin Films for PZT Capacitors Prepared by MOCVD Using a New Ir Precursor. Materials Research Society Symposia Proceedings, 2003, 784, 11371.	0.1	3
101	A Novel Iridium Precursor for MOCVD. Materials Research Society Symposia Proceedings, 2003, 784, 3301.	0.1	6
102	Natural-superlattice-structured Bi ₄ Ti ₃ O ₁₂ ·SrBi ₄ Ti ₄ O ₁₅ ferroelectric thin films. Applied Physics Letters, 2003, 82, 784-786.	1.5	29
103	Low Temperature Growth of Pb(Zr,Ti)O ₃ Thin Films by Two Step MOCVD Using Seeds. Ferroelectrics, 2002, 271, 217-222.	0.3	2
104	Investigation of Polarization Switching Processes in Pb(Zr,Ti)O ₃ Capacitors Using Piezoresponse Imaging. Ferroelectrics, 2002, 269, 21-26.	0.3	9
105	Effects of Introduction of Initial Nuclei on Physical Properties of (Pb,La)(Zr,Ti)O ₃ Films Crystallized from Amorphous State. Ferroelectrics, 2002, 271, 199-204.	0.3	2
106	Thermal Stability of SrRuO ₃ Bottom Electrode and Electric Property of Pb(Zr, Ti)O ₃ Thin Film Deposited on SrRuO ₃ . Japanese Journal of Applied Physics, 2002, 41, 6873-6876.	0.8	14
107	Crystalline and Ferroelectric Properties of Pb(Zr, Ti)O ₃ Thin Films Grown by Low-Temperature Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2002, 41, 6686-6689.	0.8	20
108	Epitaxial Growth and Ferroelectric Properties of the 20-nm-Thick Pb(Zr, Ti)O ₃ Film on SrTiO ₃ (100) with an Atomically Flat Surface by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2002, 41, 6682-6685.	0.8	19

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109	Effect of Strain in Epitaxially Grown SrRuO ₃ Thin Films on Crystal Structure and Electric Properties. Japanese Journal of Applied Physics, 2002, 41, 5376-5380.	0.8	45
110	Investigation of Domain Wall Velocity and Nucleation Rate in Polarization Switching of Epitaxial Pb(Zr,Ti)O ₃ Thin Films Using Piezoresponse Scanning Force Microscopy. Materials Research Society Symposia Proceedings, 2002, 748, 1.	0.1	1
111	Ferroelectric Properties of 15-20nm-Thick PZT Ultrathin Films Prepared by MOCVD. Materials Research Society Symposia Proceedings, 2002, 748, 1.	0.1	1
112	Semiconductor Electronics. Observations of Polarization Switching Processes in Ferroelectric Pb(Zr,Ti)O ₃ Thin Films Using Piezoresponse Scanning Force Microscopy.. Zairyo/Journal of the Society of Materials Science, Japan, 2002, 51, 975-978.	0.1	1
113	Growth of ferroelectric PbZr _x Ti _{1-x} O ₃ thin films by metalorganic chemical vapor deposition (MOCVD). Journal of Crystal Growth, 2002, 237-239, 448-454.	0.7	26
114	Observations of initial growth stage of epitaxial Pb(Zr,Ti)O ₃ thin films on SrTiO ₃ (100) substrate by MOCVD. Journal of Crystal Growth, 2002, 237-239, 459-463.	0.7	7
115	Low-Temperature Fabrication of Ir/Pb(Zr,Ti)O ₃ /Ir Capacitors Solely by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2001, 40, 5551-5553.	0.8	51
116	Microstructure and Electrical Properties of (Pb, La)(Zr, Ti)O ₃ Films Crystallized from Amorphous State by Two-Step Postdeposition Annealing. Japanese Journal of Applied Physics, 2001, 40, 5554-5558.	0.8	3
117	MOCVD of Ir and IrO ₂ Thin Films for PZT Capacitors. Materials Research Society Symposia Proceedings, 2000, 655, 211.	0.1	6
118	Piezoresponse Measurements for Pb(Zr,Ti)O ₃ Island Structure Using Scanning Probe Microscopy. Materials Research Society Symposia Proceedings, 2000, 655, 60.	0.1	10
119	Observations of Island Structures at the Initial Growth Stage of PbZr _x Ti _{1-x} O ₃ Thin Films Prepared by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 2000, 39, 5446-5450.	0.8	39
120	Effects of Pt/SrRuO ₃ Top Electrodes on Ferroelectric Properties of Epitaxial (Pb, La)(Zr, Ti)O ₃ Thin Films. Japanese Journal of Applied Physics, 2000, 39, 5451-5455.	0.8	22
121	Effects of film thickness and grain size on the electrical properties of Pb(Zr,Ti)O ₃ thin films prepared by MOCVD. Ferroelectrics, 2000, 241, 183-190.	0.3	7
122	Size Effects of Epitaxial and Polycrystalline Pb(Zr, Ti)O ₃ Thin Films Grown by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 1999, 38, 5392-5396.	0.8	61
123	Thickness Dependence and Electrical Properties of Ultrathin PZT Films Grown on SrRuO ₃ /SrTiO ₃ by MOCVD. Materials Research Society Symposia Proceedings, 1999, 596, 259.	0.1	8
124	Observations of Domain Structure at Initial Growth Stage of PbTiO ₃ Thin Films Grown by MOCVD. Materials Research Society Symposia Proceedings, 1999, 596, 321.	0.1	10
125	Electrical properties of PZT thin films grown on Ir/IrO ₂ bottom electrodes by MOCVD. Integrated Ferroelectrics, 1998, 21, 107-114.	0.3	18
126	Influence of the Purity of Source Precursors on the Electrical Properties of Pb(Zr, Ti)O ₃ Thin Films Prepared by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 1998, 37, 5132-5136.	0.8	11

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127	Effects of the Purity of Metalorganic Sources on the Electrical Properties of Pb(ZrTi)O ₃ Thin Films by MOCVD. Materials Research Society Symposia Proceedings, 1998, 541, 411.	0.1	0
128	Control of Grain Size of Pb(Zr,Ti)O ₃ Thin Films by MOCVD and the Effect of Size on the Electrical Properties. Materials Research Society Symposia Proceedings, 1998, 541, 327.	0.1	2
129	Step Coverage Characteristics of Pb(Zr,Ti)O ₃ Thin Films on Various Electrode Materials by Metalorganic Chemical Vapor Deposition. Japanese Journal of Applied Physics, 1997, 36, 5808-5811.	0.8	27
130	Characterization of Pb(Zr,Ti)O ₃ thin films by MOCVD using the total reflection X-ray diffraction method. Integrated Ferroelectrics, 1997, 15, 1-8.	0.3	3
131	Investigation of the current path of Pb(Zr,Ti)O ₃ thin films using an atomic force microscope with simultaneous current measurement. Applied Physics Letters, 1997, 71, 416-418.	1.5	37
132	Simultaneous observation of the surface topography and current flow of PZT thin films using an atomic force microscope. Integrated Ferroelectrics, 1997, 18, 71-78.	0.3	5
133	Effects of Sputtered Ir and IrO ₂ Electrodes on the Properties of PZT Thin Films Deposited By MOCVD. Materials Research Society Symposia Proceedings, 1997, 493, 159.	0.1	9
134	Effects of La and Nb modification on the electrical properties of Pb(Zr, Ti)O ₃ thin films by MOCVD. Integrated Ferroelectrics, 1997, 14, 69-75.	0.3	14
135	MOCVD of Pb-based ferroelectric oxide thin films. Journal of Crystal Growth, 1997, 174, 464-472.	0.7	23
136	Step Coverage of Pb(ZrTi)O ₃ Thin Films Grown by Mocvd. Materials Research Society Symposia Proceedings, 1996, 433, 201.	0.1	4
137	Dependence of Crystalline Structure and Lattice Parameters on Film Thickness in PbTiO ₃ /Pt/MgO Epitaxial Structure. Japanese Journal of Applied Physics, 1996, 35, 4913-4918.	0.8	20
138	MOCVD of ferroelectric PLZT thin films and their properties. Microelectronic Engineering, 1995, 29, 173-176.	1.1	14
139	Preparation of PZT thin films by MOCVD using a new Pb precursor. Integrated Ferroelectrics, 1995, 6, 155-164.	0.3	30
140	Properties of ferroelectric (Pb,La) (Zr,Ti)O ₃ thin films by MOCVD. Integrated Ferroelectrics, 1995, 10, 23-30.	0.3	3
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