

Jaichan Lee

List of Publications by Year in descending order

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149
papers

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109137

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6243
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct growth of orthorhombic Hf _{0.5} Zr _{0.5} O ₂ thin films for hysteresis-free MoS ₂ negative capacitance field-effect transistors. Npj 2D Materials and Applications, 2021, 5, .	3.9	29
2	Expediently Crystallized Pure Orthorhombic-Hf _{0.5} Zr _{0.5} O ₂ for Negative Capacitance Field Effect Transistors. ACS Applied Materials & Interfaces, 2021, 13, 60250-60260.	4.0	7
3	Design of Piezoelectric Actuator for Braille Module by Finite Element Method. Journal of Nanoscience and Nanotechnology, 2019, 19, 1308-1314.	0.9	7
4	Isostructural metal-insulator transition in VO ₂ . Science, 2018, 362, 1037-1040.	6.0	158
5	AC Electrical Conduction of Cr-Doped SrTiO ₃ Thin Films with an Oxygen-Deficient Interface Layer. Journal of Electronic Materials, 2017, 46, 3796-3800.	1.0	6
6	Electron-Phonon Lattice Coupling in Correlated Materials of Low Electron Occupancy. Nano Letters, 2017, 17, 5458-5463.	4.5	6
7	Oxygen Vacancy Linear Clustering in a Perovskite Oxide. Journal of Physical Chemistry Letters, 2017, 8, 3500-3505.	2.1	48
8	Sharpened VO ₂ Phase Transition via Controlled Release of Epitaxial Strain. Nano Letters, 2017, 17, 5614-5619.	4.5	93
9	Disordered ferroelectricity in the PbTiO ₃ /SrTiO ₃ superlattice thin film. APL Materials, 2017, 5, 066104.	2.2	14
10	Reliable Piezoelectricity in Bilayer WSe ₂ for Piezoelectric Nanogenerators. Advanced Materials, 2017, 29, 1606667.	11.1	158
11	Enhanced catalytic behavior of Ni alloys in steam methane reforming. Journal of Power Sources, 2017, 359, 450-457.	4.0	35
12	Study of the Resistive Switching Effect in Chromium Oxide Thin Films by Use of Conductive Atomic Force Microscopy. Journal of Electronic Materials, 2015, 44, 3395-3400.	1.0	5
13	Geometric tuning of charge and spin correlations in manganite superlattices. Applied Physics Letters, 2015, 106, 023120.	1.5	2
14	Epitaxial Growth of Perovskite (Ba, Sr)TiO ₃ Thin Films on Silicon. Science of Advanced Materials, 2015, 7, 102-106.	0.1	1
15	High-κ Amorphous SrTiO ₃ Thin Films for Tactile Displays. Science of Advanced Materials, 2015, 7, 1530-1534.	0.1	0
16	Evolution of Low Symmetric Phase in Strained Epitaxial (Ba _{0.5} ,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (S Materials, 2015, 7, 1510-1514.	0.1	0
17	Effect of Laser Fluence on Electrical Properties of (Sr _{0.75} ,La _{0.25})TiO ₃ Thin Films Grown by Pulsed-Laser-Deposition. Journal of Nanoscience and Nanotechnology, 2014, 14, 8762-8765.	0.9	1
18	Quantum confinement-induced tunable exciton states in graphene oxide. Scientific Reports, 2013, 3, 2250.	1.6	52

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19	Kinetics of nanodomain growth in ferroelectric artificial superlattices. Scripta Materialia, 2013, 69, 501-504.	2.6	0
20	Selective Semihydrogenation of Alkynes on Shape-Controlled Palladium Nanocrystals. Chemistry - an Asian Journal, 2013, 8, 919-925.	1.7	39
21	Orbital-selective charge transfer at oxygen-deficient LaAlO ₃ /SrTiO ₃ (001) interfaces. Physical Review B, 2013, 87, .	1.1	8
22	Numerical and Experimental Study of Actuator Performance on Piezoelectric Microelectromechanical Inkjet Print Head. Journal of Nanoscience and Nanotechnology, 2013, 13, 8079-8085.	0.9	2
23	An influence of bottom electrode material on electrical conduction and resistance switching of TiO _x thin films. EPJ Applied Physics, 2013, 64, 30102.	0.3	5
24	Nano-domain engineering in ultrashort-period ferroelectric superlattices. Applied Physics Letters, 2012, 100, 222906.	1.5	6
25	Strain dependent polarization and dielectric properties of epitaxial BaTiO ₃ from first-principles. Journal of Applied Physics, 2012, 112, 014109.	1.1	14
26	Hopping and trap controlled conduction in Cr-doped SrTiO ₃ thin films. Solid-State Electronics, 2012, 75, 43-47.	0.8	20
27	All Graphene-Based Thin Film Transistors on Flexible Plastic Substrates. Nano Letters, 2012, 12, 3472-3476.	4.5	225
28	Tunable ferroelectricity in artificial tri-layer superlattices comprised of non-ferroic components. Nature Communications, 2012, 3, 1064.	5.8	51
29	Unipolar resistance switching characteristics in a thick ZnO/Cu/ZnO multilayer structure. Journal of the Korean Physical Society, 2012, 60, 1087-1091.	0.3	6
30	Metallic characteristics in superlattices composed of insulators, NdMnO ₃ /SrMnO ₃ /LaMnO ₃ . Applied Physics Letters, 2011, 98, 171910.	1.5	1
31	Tunable two-dimensional or three-dimensional electron gases by submonolayer La doping of SrTiO ₃ . Physical Review B, 2011, 83, .	1.1	23
32	Metal-insulator transition in low dimensional La _{0.75} Sr _{0.25} VO ₃ thin films. Applied Physics Letters, 2011, 99, 112111.	1.5	35
33	STUDY OF IONIC CONDUCTIVITY IN CUBIC CERIA BY THE STATISTICAL MOMENT METHOD. Modern Physics Letters B, 2011, 25, 1101-1110.	1.0	2
34	Variations of microstructures and electrical properties of Bi ₄ Ti ₃ O ₁₂ /SrTiO ₃ /(La _{0.5} , Sr _{0.5})CoO ₃ /MgO epitaxial thin films by annealing. Thin Solid Films, 2010, 518, 5630-5636.	0.8	2
35	Hydrogen adsorption and carrier generation in LaAlO ₃ /SrTiO ₃ heterointerfaces: a first-principles study. Journal of Physics Condensed Matter, 2010, 22, 315501.	0.7	34
36	Relaxor characteristics at the interfaces of NdMnO ₃ . Physical Review B, 2010, 82, .	1.1	13

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37	Density and spatial distribution of charge carriers in the intrinsic n -type LaAlO_3 thin films. Physical Review B, 2009, 79, .	1.1	123
38	Nonadiabatic small polaron tunneling conduction in reduced Cr-doped SrTiO_3 thin films. Applied Physics Letters, 2009, 94, 232102.	1.5	25
39	Oxygen-vacancy-induced ferromagnetism in CeO_2 first principles. Physical Review B, 2009, 79, .	1.1	105
40	AC Electrical Conduction of Cr-Doped SrTiO_3 Thin Films. Journal of the Korean Physical Society, 2009, 54, 873-876.	0.3	9
41	IMPEDANCE SPECTROSCOPY STUDY ON TRAP-CONTROLLED SPACE-CHARGE-LIMITED CONDUCTION OF Cr-DOPED SrTiO_3 THIN FILMS. Integrated Ferroelectrics, 2008, 96, 146-152.	0.3	6
42	A multisized piezoelectric microcantilever biosensor array for the quantitative analysis of mass and surface stress. Applied Physics Letters, 2008, 93, .	1.5	43
43	ELECTROMECHANICAL PERFORMANCE OF PIEZOELECTRIC ACTUATORS IN INKJET PRINT HEAD. Integrated Ferroelectrics, 2008, 98, 251-258.	0.3	3
44	First-principles calculation of capacitance including interfacial effects. Journal of Applied Physics, 2008, 103, 024106.	1.1	19
45	Effects of interfacial oxygen-deficient layer on resistance switching in Cr-doped SrTiO_3 thin films. Applied Physics Letters, 2008, 93, .	1.5	28
46	Dielectric Properties of Ultrathin SrTiO_3 and Metal- SrTiO_3 Interfaces. Journal of the Korean Physical Society, 2008, 52, 70-74.	0.3	4
47	RESISTIVE SWITCHING AND THRESHOLD CURRENT OF Cr-DOPED SrTiO_3 THIN FILMS DEPOSITED BY PULSED LASER DEPOSITION. Integrated Ferroelectrics, 2007, 90, 107-112.	0.3	1
48	Oxygen Vacancy Clustering and Electron Localization in Oxygen-Deficient SrTiO_3 :LDA+U Study. Physical Review Letters, 2007, 98, 115503.	2.9	263
49	Structural evolution and characterization of heteroepitaxial GaSb thin films on Si(111) substrates. Journal of Applied Physics, 2007, 101, 073707.	1.1	15
50	Electrical properties of $\text{SrTiO}_3/(\text{Sr}_{1-x}\text{La}_x)\text{TiO}_3$ superlattices grown by laser molecular beam epitaxy. Surface and Coatings Technology, 2007, 201, 5374-5377.	2.2	3
51	Trap-Controlled Space-Charge-Limited Current Conduction in the Cr-Doped SrTiO_3 Thin Films Deposited by Using Pulsed Laser Deposition. Journal of the Korean Physical Society, 2007, 51, 664.	0.3	17
52	First-principles modeling of resistance switching in perovskite oxide material. Applied Physics Letters, 2006, 89, 042904.	1.5	100
53	ELECTRONIC STRUCTURE OF OXYGEN DEFICIENT BaTiO_3 . Integrated Ferroelectrics, 2006, 84, 23-30.	0.3	8
54	PIEZOELECTRICALLY DRIVEN MICROTRANSDUCER MASS SENSORS. Integrated Ferroelectrics, 2006, 80, 355-362.	0.3	3

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55	Dielectric properties of BaTiO ₃ /SrTiO ₃ ferroelectric thin film artificial lattice. Journal of Applied Physics, 2006, 100, 051613.	1.1	18
56	Piezoelectrically Driven Self-Excited Microbridge VOCs Sensor. Ferroelectrics, 2006, 338, 41-47.	0.3	3
57	Growth of SrTiO ₃ /(Sr _{1-x} La _x)TiO ₃ Superlattices and Lattice Strain Development. Ferroelectrics, 2006, 336, 255-261.	0.3	4
58	First principles study of tantalum thermodynamics by the statistical moment method. Computational Materials Science, 2006, 37, 565-571.	1.4	5
59	Study of Self-Diffusion in Silicon at High Pressure. Journal of the Physical Society of Japan, 2006, 75, 024601.	0.7	5
60	Investigation of thermodynamic properties of cerium dioxide by statistical moment method. Journal of Physics and Chemistry of Solids, 2006, 67, 682-689.	1.9	25
61	Ferroelectricity in Ultrathin PbZrO ₃ /PbTiO ₃ Artificial Superlattices by Scanning Probe Microscopy. Ferroelectrics, 2006, 336, 271-277.	0.3	6
62	Structural and dielectric properties of artificial PbZrO ₃ /PbTiO ₃ superlattices grown by pulsed laser deposition. Thin Solid Films, 2005, 475, 283-286.	0.8	25
63	Strain effect on dielectric property of SrTiO ₃ lattice: first-principles study. Thin Solid Films, 2005, 475, 97-101.	0.8	12
64	PIEZOELECTRICALLY DRIVEN MICROTRANSDUCER MASS SENSORS. Integrated Ferroelectrics, 2005, 76, 93-100.	0.3	2
65	FINITE SIZE EFFECTS OF DIELECTRIC CONSTANT IN BaTiO ₃ /SrTiO ₃ SUPERLATTICE. Integrated Ferroelectrics, 2005, 76, 155-162.	0.3	0
66	Fabrication and Electromechanical Properties of Pb(Zr _{0.52} Ti _{0.48})O ₃ Micro-Diaphragm. Integrated Ferroelectrics, 2005, 69, 383-390.	0.3	2
67	Gas Sensors Based on Piezoelectric Micro-Diaphragm Transducer. Integrated Ferroelectrics, 2005, 69, 333-339.	0.3	2
68	Polarization of strained BaTiO ₃ /SrTiO ₃ artificial superlattice: First-principles study. Applied Physics Letters, 2005, 87, 052903.	1.5	35
69	Structural transition and dielectric response of an epitaxially strained BaTiO ₃ /SrTiO ₃ superlattice: A first-principles study. Physical Review B, 2005, 72, .	1.1	30
70	Dielectric Properties of PbZrO ₃ /PbTiO ₃ Artificial Superlattices Grown by Pulsed Laser Deposition. Ferroelectrics, 2005, 328, 41-46.	0.3	5
71	EPITAXIALLY GROWN PbZr _{0.3} Ti _{0.7} O ₃ THIN FILMS ON LaMnO ₃ APPLICABLE TO NANO-STORAGE MEDIA. Integrated Ferroelectrics, 2005, 75, 139-146.	0.3	1
72	LATTICE INSTABILITIES OF BaTiO ₃ /SrTiO ₃ ARTIFICIAL SUPERLATTICE. Integrated Ferroelectrics, 2005, 73, 3-10.	0.3	4

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73	Gas Sensor Application of Piezoelectric Cantilever Nanobalance; Electrical Signal Read-Out. <i>Ferroelectrics</i> , 2005, 328, 59-65.	0.3	19
74	Effect of Oxygen Cooling Environment on the Structural Characteristics and Dielectric Properties of BaTiO ₃ and SrTiO ₃ Thin Films. <i>Ferroelectrics</i> , 2005, 327, 103-109.	0.3	3
75	Optical phonon softening in strained SrTiO ₃ thin film: First-principles study. <i>Applied Physics Letters</i> , 2004, 85, 5649-5651.	1.5	10
76	Ferroelectric Properties of PbZrO ₃ /PbTiO ₃ Artificial Superlattices by Scanning Probe Microscopy. <i>Integrated Ferroelectrics</i> , 2004, 68, 13-18.	0.3	3
77	Fermion condensation quantum phase transition versus conventional quantum phase transitions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 329, 108-115.	0.9	9
78	Bi modification for low-temperature processing of YMnO ₃ thin films. <i>Applied Physics Letters</i> , 2004, 84, 5043-5045.	1.5	27
79	Landau-Khalatnikov simulations for the effects of external stresses on the ferroelectric properties of Pb(Zr,Ti)O ₃ thin films. <i>Thin Solid Films</i> , 2003, 424, 84-87.	0.8	13
80	Fabrication and Electromechanical Properties of Piezoelectric Micro-Transducers for Smart Device. <i>Integrated Ferroelectrics</i> , 2003, 54, 679-687.	0.3	4
81	Low-Temperature Process of Ferroelectric (Y _{0.95} Bi _{0.05})MnO ₃ Thin Films and Their Structural and Electrical Properties. <i>Integrated Ferroelectrics</i> , 2003, 52, 163-170.	0.3	1
82	Strain manipulation in BaTiO ₃ /SrTiO ₃ artificial lattice toward high dielectric constant and its nonlinearity. <i>Applied Physics Letters</i> , 2003, 82, 2118-2120.	1.5	122
83	Fabrication and Sensing Behavior of Piezoelectric Microcantilever for Nanobalance. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 6139-6142.	0.8	20
84	Thickness Dependent Dielectric Property of BaTiO ₃ /SrTiO ₃ Artificial Lattice. <i>Japanese Journal of Applied Physics</i> , 2003, 42, 5901-5903.	0.8	7
85	Dielectric Behavior of BaTiO ₃ /SrTiO ₃ Oxide Artificial Lattice by Strain Manipulation. <i>Integrated Ferroelectrics</i> , 2003, 58, 1327-1335.	0.3	2
86	Large nonlinear dielectric properties of artificial BaTiO ₃ /SrTiO ₃ superlattices. <i>Applied Physics Letters</i> , 2002, 80, 3581-3583.	1.5	145
87	Structural and Dielectric Properties of BaTiO ₃ /SrTiO ₃ Artificial Superlattice on MgO and SrTiO ₃ Single Crystal Substrates. <i>Integrated Ferroelectrics</i> , 2002, 50, 219-228.	0.3	2
88	Growth and Dielectric Properties of BaTiO ₃ /SrTiO ₃ Artificial Lattice with Asymmetric Stacking Sequence. <i>Integrated Ferroelectrics</i> , 2002, 47, 159-166.	0.3	0
89	Dielectric Properties of BaTiO ₃ /SrTiO ₃ Oxide Superlattice. <i>AIP Conference Proceedings</i> , 2002, , .	0.3	1
90	Growth of Oxide BTO/STO Artificial Superlattice by Pulsed Laser Deposition. <i>Ferroelectrics</i> , 2002, 272, 369-374.	0.3	3

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91	Effects of very thin strain layers on dielectric properties of epitaxial Ba _{0.6} Sr _{0.4} TiO ₃ films. Applied Physics Letters, 2001, 78, 533-535.	1.5	164
92	The growth and electrical properties of ferroelectric (Bi _{3.25} La _{0.75})Ti ₃ O ₁₂ thin films for metal-ferroelectric-insulator-semiconductor. Ferroelectrics, 2001, 261, 131-137.	0.3	1
93	Dielectric properties of strained (Ba, \check{S} Sr)TiO ₃ thin films epitaxially grown on Si with thin yttria-stabilized zirconia buffer layer. Applied Physics Letters, 2001, 78, 2542-2544.	1.5	51
94	The electrical properties and retention characteristics of strained PZT thin film capacitors. Integrated Ferroelectrics, 2001, 37, 285-294.	0.3	2
95	The effect of stress on the electrical properties of PZT thin films. Ferroelectrics, 2001, 259, 251-257.	0.3	4
96	Structural characterization of strained (Ba _{0.5} ,Sr _{0.5})TiO ₃ thin films grown on Si by synchrotron X-ray diffraction. Integrated Ferroelectrics, 2001, 38, 201-210.	0.3	0
97	Electrical properties of the MOS structures using strained (Ba _{0.5} , Sr _{0.5})TiO ₃ thin films. Ferroelectrics, 2001, 259, 269-275.	0.3	0
98	Fabrication and properties of microcantilever using piezoelectric PZT thin films. Ferroelectrics, 2001, 263, 241-246.	0.3	6
99	MgTiO ₃ thin films prepared by metalorganic solution deposition and their properties. Thin Solid Films, 2001, 385, 43-47.	0.8	21
100	Strain induced (Ba,Sr)TiO ₃ thin films for Metal-Ferroelectric-Insulator-Semiconductor memory devices. Integrated Ferroelectrics, 2001, 34, 139-145.	0.3	0
101	Surface segregation of hexagonal boron nitride and its surface properties. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2001, 19, 1013-1017.	0.9	2
102	Asymmetric capacitance-voltage characteristics of (Bi _{3.25} , La _{0.75})Ti ₃ O ₁₂ thin films grown on Si. Integrated Ferroelectrics, 2001, 40, 225-234.	0.3	2
103	Electrical properties of Bi _{3.25} La _{0.75} Ti ₃ O ₁₂ thin films on Si for a metal-ferroelectric-insulator-semiconductor structure. Applied Physics Letters, 2001, 79, 1516-1518.	1.5	28
104	Hysteresis caused by defects in buffer layer of metal-ferroelectric-insulator-semiconductor (MFIS) devices. Integrated Ferroelectrics, 2001, 40, 245-254.	0.3	3
105	Etching characteristics of lead magnesium niobate-lead titanate (PMN-PT) relaxor ferroelectrics. Surface and Coatings Technology, 2000, 131, 252-256.	2.2	8
106	A study of lead zirconate titanate etching characteristics using magnetized inductively coupled plasmas. Surface and Coatings Technology, 2000, 131, 257-260.	2.2	9
107	The effect of metallic oxide layer on reliability of lead zirconate titanate thin film capacitors. Surface and Coatings Technology, 2000, 131, 542-546.	2.2	0
108	Effects of process parameters on the growth of thick SiO ₂ using plasma enhanced chemical vapor deposition with hexamethyldisilazane. Surface and Coatings Technology, 2000, 131, 136-140.	2.2	35

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109	Residual stress analysis of SiO ₂ films deposited by plasma-enhanced chemical vapor deposition. Surface and Coatings Technology, 2000, 131, 153-157.	2.2	8
110	The strain-induced ferroelectric properties of c-axis oriented (Ba,Sr)TiO ₃ thin films. Surface and Coatings Technology, 2000, 131, 552-557.	2.2	3
111	Growth of MgTiO ₃ thin films by pulsed laser deposition and their electrical properties. Integrated Ferroelectrics, 2000, 31, 97-104.	0.3	9
112	Electrical characterizations of MgTiO ₃ thin films grown on Si. Integrated Ferroelectrics, 2000, 31, 359-366.	0.3	1
113	Sol-gel Derived Epitaxial MgTiO ₃ Thin Films. Japanese Journal of Applied Physics, 1999, 38, 3651-3654.	0.8	26
114	Pb(Zr,Ti)O ₃ films fabrication by sol-gel method for piezoelectric actuated device. Ferroelectrics, 1999, 232, 247-252.	0.3	5
115	Etch characteristics of optical waveguides using inductively coupled plasmas with multipole magnets. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 1483-1487.	0.9	7
116	Sol-gel derived (La, Sr)CoO ₃ thin films on silica glass. Thin Solid Films, 1999, 341, 13-17.	0.8	23
117	Lanthanum-substituted bismuth titanate for use in non-volatile memories. Nature, 1999, 401, 682-684.	13.7	2,119
118	Differences in nature of defects between SrBi ₂ Ta ₂ O ₉ and Bi ₄ Ti ₃ O ₁₂ . Applied Physics Letters, 1999, 74, 1907-1909.	1.5	221
119	Effect of (La, Sr)CoO ₃ seed layer on the reliability of Pb(Zr, Ti)O ₃ capacitors. Integrated Ferroelectrics, 1999, 25, 341-350.	0.3	3
120	Built-in voltages and asymmetric polarization switching in Pb(Zr,Ti)O ₃ thin film capacitors. Applied Physics Letters, 1998, 72, 3380-3382.	1.5	108
121	Imprint failures and asymmetric electrical properties induced by thermal processes in epitaxial Bi ₄ Ti ₃ O ₁₂ thin films. Journal of Applied Physics, 1998, 84, 4428-4435.	1.1	59
122	Asymmetric properties of Pb(Zr,Ti)O ₃ thin film capacitors with conducting oxides. European Physical Journal Special Topics, 1998, 08, Pr9-109-Pr9-112.	0.2	3
123	Effects of interface charges on imprint of epitaxial Bi ₄ Ti ₃ O ₁₂ thin films. Applied Physics Letters, 1997, 70, 1101-1103.	1.5	52
124	Pulsed laser deposition of Bi ₄ Ti ₃ O ₁₂ thin films and their anomalous imprint characteristics. Integrated Ferroelectrics, 1997, 14, 181-191.	0.3	2
125	Asymmetric switching and imprint in (La,Sr)CoO ₃ /Pb(Zr,Ti)O ₃ /(La,Sr)CoO ₃ heterostructures. Integrated Ferroelectrics, 1997, 18, 39-48.	0.3	18
126	Ferroelectric field effect in (La,Sr)CoO ₃ /Pb(Zr,Ti)O ₃ /(La,Sr)CoO ₃ heterostructures. Integrated Ferroelectrics, 1997, 18, 405-414.	0.3	12

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127	Effects of Interfacial States on Asymmetric Polarization Switchings of Epitaxial Bi ₄ Ti ₃ O ₁₂ Thin Films. Materials Research Society Symposia Proceedings, 1997, 474, 3.	0.1	0
128	Characterization of amorphous SiC:H films deposited from hexamethyldisilazane. Thin Solid Films, 1997, 303, 173-179.	0.8	117
129	Imprint of (Pb,La)(Zr,Ti)O ₃ thin films with various crystalline qualities. Applied Physics Letters, 1996, 68, 484-486.	1.5	89
130	Characterization of (Ba _{0.5} ,Sr _{0.5})TiO ₃ thin films by the laser ablation technique and their electrical properties with different electrodes. Integrated Ferroelectrics, 1995, 7, 329-339.	0.3	20
131	Processing and properties of Pb(Mg _{1/3} Nb _{2/3})O ₃ –PbTiO ₃ thin films by pulsed laser deposition. Applied Physics Letters, 1995, 66, 1611-1613.	1.5	103
132	Imprint and oxygen deficiency in (Pb,La)(Zr,Ti)O ₃ thin film capacitors with La–Sr–Co electrodes. Applied Physics Letters, 1995, 66, 1337-1339.	1.5	132
133	Fatigue and photoresponse of lead zirconate titanate thin film capacitors. Integrated Ferroelectrics, 1995, 6, 289-300.	0.3	10
134	Ferroelectric properties and reliability of La–Sr–Co–O/Pb–La–Zr–Ti–O/La–Sr–Co–O heterostructures on si for non-volatile memory applications. Integrated Ferroelectrics, 1995, 9, 317-333.	0.3	12
135	Fabrication and testing of micron-size (Pb,La)(Zr,Ti)O ₃ thin film capacitors. Integrated Ferroelectrics, 1995, 8, 35-44.	0.3	5
136	Voltage offsets in (Pb,La)(Zr,Ti)O ₃ thin films. Applied Physics Letters, 1995, 66, 484-486.	1.5	250
137	Ferroelectric/superconductor PbZr _{0.52} Ti _{0.48} O ₃ /Y ₁ Ba ₂ Cu ₃ O _{7-x} /LaAlO ₃ heterostructure prepared by Nd:YAG pulsed laser deposition. Applied Physics Letters, 1994, 64, 3646-3648.	1.5	42
138	Reversible pyroelectric and photogalvanic current in epitaxial Pb(Zr _{0.52} Ti _{0.48})O ₃ thin films. Applied Physics Letters, 1994, 64, 294-296.	1.5	27
139	Oriented ferroelectric La–Sr–Co–O/Pb–La–Zr–Ti–O/La–Sr–Co–O heterostructures on [001] Pt/SiO ₂ /Si substrates using a bismuth titanate template layer. Applied Physics Letters, 1994, 64, 2511-2513.	1.5	152
140	Scaling of ferroelectric properties in La–Sr–Co–O/Pb–La–Zr–Ti–O/La–Sr–Co–O capacitors. Applied Physics Letters, 1994, 64, 1588-1590.	1.5	84
141	Effect of ultraviolet light on fatigue of lead zirconate titanate thin film capacitors. Applied Physics Letters, 1994, 65, 254-256.	1.5	44
142	Ferroelectric La–Sr–Co–O/Pb–La–Zr–Ti–O/La–Sr–Co–O heterostructures on silicon. Integrated Ferroelectrics, 1994, 5, 145-154.	0.3	6
143	Effects of crystalline quality and electrode material on fatigue in Pb(Zr,Ti)O ₃ thin film capacitors. Applied Physics Letters, 1993, 63, 27-29.	1.5	124
144	Reversible Photo-Induced Currents in Epitaxial Pb(Zr _{0.52} Ti _{0.48})O ₃ Thin Films. Materials Research Society Symposia Proceedings, 1993, 310, 107.	0.1	2

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145	Epitaxial growth and properties of $\text{YBa}_2\text{Cu}_3\text{O}_x/\text{Pb}(\text{Zr}_{0.6}\text{Ti}_{0.4})\text{O}_3/\text{YBa}_2\text{Cu}_3\text{O}_x$ trilayer structure by laser ablation. Applied Physics Letters, 1992, 61, 528-530.	1.5	36
146	Growth of epitaxial $\text{Pb}(\text{Zr},\text{Ti})\text{O}_3$ films by pulsed laser deposition. Applied Physics Letters, 1992, 61, 1643-1645.	1.5	61
147	Fatigue and retention in ferroelectric $\text{YBaCuO}/\text{PbZrTiO}/\text{YBaCuO}$ heterostructures. Applied Physics Letters, 1992, 61, 1537-1539.	1.5	369
148	A new ferroelectric material for use in FRAM: lanthanum-substituted bismuth titanate. , 0, , .		0
149	Fabrication of piezoelectrically driven micro-cantilever using $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ films. , 0, , .		0