Jaichan Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3703160/publications.pdf

Version: 2024-02-01

149	7,131	109137	56606
papers	citations	35 h-index	83 g-index

150	150	150	6243
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lanthanum-substituted bismuth titanate for use in non-volatile memories. Nature, 1999, 401, 682-684.	13.7	2,119
2	Fatigue and retention in ferroelectric Yâ€Baâ€Cuâ€O/Pbâ€Zrâ€Tiâ€O/Yâ€Baâ€Cuâ€O heterostructures. Applied Physics Letters, 1992, 61, 1537-1539.	1.5	369
3	Oxygen Vacancy Clustering and Electron Localization in Oxygen-DeficientSrTiO3:LDA+UStudy. Physical Review Letters, 2007, 98, 115503.	2.9	263
4	Voltage offsets in (Pb,La)(Zr,Ti)O3 thin films. Applied Physics Letters, 1995, 66, 484-486.	1.5	250
5	All Graphene-Based Thin Film Transistors on Flexible Plastic Substrates. Nano Letters, 2012, 12, 3472-3476.	4.5	225
6	Differences in nature of defects between SrBi2Ta2O9 and Bi4Ti3O12. Applied Physics Letters, 1999, 74, 1907-1909.	1.5	221
7	Effects of very thin strain layers on dielectric properties of epitaxial Ba0.6Sr0.4TiO3 films. Applied Physics Letters, 2001, 78, 533-535.	1.5	164
8	Reliable Piezoelectricity in Bilayer WSe₂ for Piezoelectric Nanogenerators. Advanced Materials, 2017, 29, 1606667.	11.1	158
9	Isostructural metal-insulator transition in VO ₂. Science, 2018, 362, 1037-1040.	6.0	158
10	Oriented ferroelectric Laâ€Srâ€Coâ€O/Pbâ€Laâ€Zrâ€Tiâ€O/Laâ€Srâ€Coâ€O heterostructures on [001] Pt/SiO2Si substrates using a bismuth titanate template layer. Applied Physics Letters, 1994, 64, 2511-2513.	1.5	152
11	Large nonlinear dielectric properties of artificial BaTiO3/SrTiO3 superlattices. Applied Physics Letters, 2002, 80, 3581-3583.	1.5	145
12	Imprint and oxygen deficiency in (Pb,La)(Zr,Ti)O3 thinâ€film capacitors with Laâ€Srâ€Coâ€O electrodes. Applied Physics Letters, 1995, 66, 1337-1339.	1.5	132
13	Effects of crystalline quality and electrode material on fatigue in Pb(Zr,Ti)O3thin film capacitors. Applied Physics Letters, 1993, 63, 27-29.	1.5	124
14	Density and spatial distribution of charge carriers in the intrinsic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-type<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LaAlO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:m Physical Review B, 2009, 79, .	1.1	123
15	Strain manipulation in BaTiO3/SrTiO3 artificial lattice toward high dielectric constant and its nonlinearity. Applied Physics Letters, 2003, 82, 2118-2120.	1.5	122
16	Characterization of amorphous SiC:H films deposited from hexamethyldisilazane. Thin Solid Films, 1997, 303, 173-179.	0.8	117
17	Built-in voltages and asymmetric polarization switching in Pb(Zr,Ti)O3 thin film capacitors. Applied Physics Letters, 1998, 72, 3380-3382.	1.5	108
18	Oxygen-vacancy-induced ferromagnetism in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeO</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms first principles. Physical Review B, 2009, 79, .	1.1	105

#	Article	IF	Citations
19	Processing and properties of Pb(Mg1/3Nb2/3)O3â€“PbTiO3 thin films by pulsed laser deposition. Applied Physics Letters, 1995, 66, 1611-1613.	1.5	103
20	First-principles modeling of resistance switching in perovskite oxide material. Applied Physics Letters, 2006, 89, 042904.	1.5	100
21	Sharpened VO₂ Phase Transition via Controlled Release of Epitaxial Strain. Nano Letters, 2017, 17, 5614-5619.	4.5	93
22	Imprint of (Pb,La)(Zr,Ti)O3 thin films with various crystalline qualities. Applied Physics Letters, 1996, 68, 484-486.	1.5	89
23	Growth of epitaxial Pb(Zr,Ti)O3films by pulsed laser deposition. Applied Physics Letters, 1992, 61, 1643-1645.	1.5	61
24	Imprint failures and asymmetric electrical properties induced by thermal processes in epitaxial Bi4Ti3O12 thin films. Journal of Applied Physics, 1998, 84, 4428-4435.	1.1	59
25	Scaling of ferroelectric properties in Laâ€Srâ€Coâ€O/Pbâ€Laâ€Zrâ€Tiâ€O/Laâ€Srâ€Coâ€O capacitors. Applied Physics Letters, 1994, 64, 1588-1590.	1.5	54
26	Effects of interface charges on imprint of epitaxial Bi4Ti3O12 thin films. Applied Physics Letters, 1997, 70, 1101-1103.	1.5	52
27	Quantum confinement-induced tunable exciton states in graphene oxide. Scientific Reports, 2013, 3, 2250.	1.6	52
28	Dielectric properties of strained (Ba,â€ŠSr)TiO3 thin films epitaxially grown on Si with thin yttria-stabilized zirconia buffer layer. Applied Physics Letters, 2001, 78, 2542-2544.	1.5	51
29	Tunable ferroelectricity in artificial tri-layer superlattices comprised of non-ferroic components. Nature Communications, 2012, 3, 1064.	5.8	51
30	Oxygen Vacancy Linear Clustering in a Perovskite Oxide. Journal of Physical Chemistry Letters, 2017, 8, 3500-3505.	2.1	48
31	Effect of ultraviolet light on fatigue of lead zirconate titanate thinâ€film capacitors. Applied Physics Letters, 1994, 65, 254-256.	1.5	44
32	A multisized piezoelectric microcantilever biosensor array for the quantitative analysis of mass and surface stress. Applied Physics Letters, 2008, 93, .	1.5	43
33	Ferroelectric/superconductor PbZr0.52Ti0.48O3/Y1Ba2Cu3O7âˆ’x/LaAlO3heterostructure prepared by Nd:YAG pulsed laser deposition. Applied Physics Letters, 1994, 64, 3646-3648.	1.5	42
34	Selective Semihydrogenation of Alkynes on Shapeâ€Controlled Palladium Nanocrystals. Chemistry - an Asian Journal, 2013, 8, 919-925.	1.7	39
35	Epitaxial growth and properties of YBa2Cu3Oxâ€Pb(Zr0.6Ti0.4)O3â€YBa2Cu3Oxtrilayer structure by laser ablation. Applied Physics Letters, 1992, 61, 528-530.	1.5	36
36	Effects of process parameters on the growth of thick SiO2 using plasma enhanced chemical vapor deposition with hexamethyldisilazane. Surface and Coatings Technology, 2000, 131, 136-140.	2.2	35

#	Article	IF	Citations
37	Polarization of strained BaTiO3â^•SrTiO3 artificial superlattice: First-principles study. Applied Physics Letters, 2005, 87, 052903.	1.5	35
38	Metal-insulator transition in low dimensional La0.75Sr0.25VO3 thin films. Applied Physics Letters, 2011, 99, 112111.	1.5	35
39	Enhanced catalytic behavior of Ni alloys in steam methane reforming. Journal of Power Sources, 2017, 359, 450-457.	4.0	35
40	Hydrogen adsorption and carrier generation in LaAlO3â€“SrTiO3heterointerfaces: a first-principles study. Journal of Physics Condensed Matter, 2010, 22, 315501.	0.7	34
41	Structural transition and dielectric response of an epitaxially strainedBaTiO3â^•SrTiO3superlattice: A first-principles study. Physical Review B, 2005, 72, .	1.1	30
42	Direct growth of orthorhombic Hf0.5Zr0.5O2 thin films for hysteresis-free MoS2 negative capacitance field-effect transistors. Npj 2D Materials and Applications, 2021, 5, .	3.9	29
43	Electrical properties of Bi3.25La0.75Ti3O12 thin films on Si for a metalâ€“ferroelectricâ€“insulatorâ€“semiconductor structure. Applied Physics Letters, 2001, 79, 1516-1518.	1.5	28
44	Effects of interfacial oxygen-deficient layer on resistance switching in Cr-doped SrTiO3 thin films. Applied Physics Letters, 2008, 93, .	1.5	28
45	Reversible pyroelectric and photogalvanic current in epitaxial Pb(Zr0.52Ti0.48)O3thin films. Applied Physics Letters, 1994, 64, 294-296.	1.5	27
46	Bi modification for low-temperature processing of YMnO3 thin films. Applied Physics Letters, 2004, 84, 5043-5045.	1.5	27
47	Solâ€“Gel Derived Epitaxial MgTiO3Thin Films. Japanese Journal of Applied Physics, 1999, 38, 3651-3654.	0.8	26
48	Structural and dielectric properties of artificial PbZrO3/PbTiO3 superlattices grown by pulsed laser deposition. Thin Solid Films, 2005, 475, 283-286.	0.8	25
49	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
50	Nonadiabatic small polaron tunneling conduction in reduced Cr-doped SrTiO3â^¼Î´ thin films. Applied Physics Letters, 2009, 94, 232102.	1.5	25
51	Sol-gel derived (La, Sr)CoO3 thin films on silica glass. Thin Solid Films, 1999, 341, 13-17.	0.8	23
52	Tunable two-dimensional or three-dimensional electron gases by submonolayer La doping of SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2011, 83, .	1.1	23
53	MgTiO3 thin films prepared by metalorganic solution deposition and their properties. Thin Solid Films, 2001, 385, 43-47.	0.8	21
54	Characterization of (Ba0.5,Sr0.5)TIO3thin films by the laser ablation technique and their electrical properties with different electrodes. Integrated Ferroelectrics, 1995, 7, 329-339.	0.3	20

#	Article	IF	Citations
55	Fabrication and Sensing Behavior of Piezoelectric Microcantilever for Nanobalance. Japanese Journal of Applied Physics, 2003, 42, 6139-6142.	0.8	20
56	Hopping and trap controlled conduction in Cr-doped SrTiO3 thin films. Solid-State Electronics, 2012, 75, 43-47.	0.8	20
57	Gas Sensor Application of Piezoelectric Cantilever Nanobalance; Electrical Signal Read-Out. Ferroelectrics, 2005, 328, 59-65.	0.3	19
58	First-principles calculation of capacitance including interfacial effects. Journal of Applied Physics, 2008, 103, 024106.	1.1	19
59	Asymmetric switching and imprint in (La,Sr)CoO3/Pb(Zr,Ti)O3/(La,Sr)CoO3 heterostructures. Integrated Ferroelectrics, 1997, 18, 39-48.	0.3	18
60	Dielectric properties of BaTiO3âˆ•SrTiO3 ferroelectric thin film artificial lattice. Journal of Applied Physics, 2006, 100, 051613.	1.1	18
61	Trap-Controlled Space-Charge-Limited Current Conduction in the Cr-Doped SrTiO3 Thin Films Deposited by Using Pulsed Laser Deposition. Journal of the Korean Physical Society, 2007, 51, 664.	0.3	17
62	Structural evolution and characterization of heteroepitaxial GaSb thin films on Si(111) substrates. Journal of Applied Physics, 2007, 101, 073707.	1.1	15
63	Strain dependent polarization and dielectric properties of epitaxial BaTiO3from first-principles. Journal of Applied Physics, 2012, 112, 014109.	1.1	14
64	Disordered ferroelectricity in the PbTiO₃/SrTiO₃ superlattice thin film. APL Materials, 2017, 5, 066104.	2.2	14
65	Landauâ€“Khalatnikov simulations for the effects of external stresses on the ferroelectric properties of Pb(Zr,Ti)O3 thin films. Thin Solid Films, 2003, 424, 84-87.	0.8	13
66	Relaxor characteristics at the interfaces of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>NdMnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>Physical Review B, 2010, 82, .	1.1	13
67	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
68	Ferroelectric field effect in (La,Sr)CoO3/Pb(Zr,Ti)O3/(La,Sr)CoO3 heterostructures. Integrated Ferroelectrics, 1997, 18, 405-414.	0.3	12
69	Strain effect on dielectric property of SrTiO3 lattice: first-principles study. Thin Solid Films, 2005, 475, 97-101.	0.8	12
70	Fatigue and photoresponse of lead zirconate titanate thin film capacitors. Integrated Ferroelectrics, 1995, 6, 289-300.	0.3	10
71	Optical phonon softening in strained SrTiO3 thin film: First-principles study. Applied Physics Letters, 2004, 85, 5649-5651.	1.5	10
72	A study of lead zirconate titanate etching characteristics using magnetized inductively coupled plasmas. Surface and Coatings Technology, 2000, 131, 257-260.	2.2	9

#	Article	IF	Citations
73	Growth of MgTiO3 thin films by pulsed laser deposition and their electrical properties. Integrated Ferroelectrics, 2000, 31, 97-104.	0.3	9
74	Fermion condensation quantum phase transition versus conventional quantum phase transitions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 329, 108-115.	0.9	9
75	AC Electrical Conduction of Cr-Doped SrTiO3 Thin Films. Journal of the Korean Physical Society, 2009, 54, 873-876.	0.3	9
76	Etching characteristics of lead magnesium niobateâ€“lead titanate (PMNâ€“PT) relaxor ferroelectrics. Surface and Coatings Technology, 2000, 131, 252-256.	2.2	8
77	Residual stress analysis of SiO2 films deposited by plasma-enhanced chemical vapor deposition. Surface and Coatings Technology, 2000, 131, 153-157.	2.2	8
78	ELECTRONIC STRUCTURE OF OXYGEN DEFICIENT BaTiO3. Integrated Ferroelectrics, 2006, 84, 23-30.	0.3	8
79	Orbital-selective charge transfer at oxygen-deficient LaAlO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>/SrTiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>(001) interfaces. Physical Review B, 2013, 87, .	1.1	8
80	Etch characteristics of optical waveguides using inductively coupled plasmas with multidipole magnets. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1999, 17, 1483-1487.	0.9	7
81	Thickness Dependent Dielectric Property of BaTiO3/SrTiO3Artificial Lattice. Japanese Journal of Applied Physics, 2003, 42, 5901-5903.	0.8	7
82	Design of Piezoelectric Actuator for Braille Module by Finite Element Method. Journal of Nanoscience and Nanotechnology, 2019, 19, 1308-1314.	0.9	7
83	Expeditiously Crystallized Pure Orthorhombic-Hf_{0.5}Zr_{0.5}O₂ for Negative Capacitance Field Effect Transistors. ACS Applied Materials & Interfaces, 2021, 13, 60250-60260.	4.0	7
84	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
85	Fabrication and properties of microcantilever using piezoelectric PZT thin films. Ferroelectrics, 2001, 263, 241-246.	0.3	6
86	Ferroelectricity in Ultrathin PbZrO3/PbTiO3 Artificial Superlattices by Scanning Probe Microscopy. Ferroelectrics, 2006, 336, 271-277.	0.3	6
87	IMPEDANCE SPECTROSCOPY STUDY ON TRAP-CONTROLLED SPACE-CHARGE-LIMITED CONDUCTION OF Cr-DOPED SrTiO₃ THIN FILMS. Integrated Ferroelectrics, 2008, 96, 146-152.	0.3	6
88	Nano-domain engineering in ultrashort-period ferroelectric superlattices. Applied Physics Letters, 2012, 100, 222906.	1.5	6
89	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
90	AC Electrical Conduction of Cr-Doped SrTiO3 Thin Films with an Oxygen-Deficient Interface Layer. Journal of Electronic Materials, 2017, 46, 3796-3800.	1.0	6

#	Article	IF	Citations
91	Electronâ€“Lattice Coupling in Correlated Materials of Low Electron Occupancy. Nano Letters, 2017, 17, 5458-5463.	4.5	6
92	Fabrication and testing of micron-size (Pb,La)(Zr,Ti)O3 thin film capacitors. Integrated Ferroelectrics, 1995, 8, 35-44.	0.3	5
93	Pb(Zr,Ti)O3films fabrication by sol-gel method for piezoelectric actuated device. Ferroelectrics, 1999, 232, 247-252.	0.3	5
94	Dielectric Properties of PbZrO3/PbTiO3Artificial Superlattices Grown by Pulsed Laser Deposition. Ferroelectrics, 2005, 328, 41-46.	0.3	5
95	First principles study of tantalum thermodynamics by the statistical moment method. Computational Materials Science, 2006, 37, 565-571.	1.4	5
96	Study of Self-Diffusion in Silicon at High Pressure. Journal of the Physical Society of Japan, 2006, 75, 024601.	0.7	5
97	An influence of bottom electrode material on electrical conduction and resistance switching of TiO_xthin films. EPJ Applied Physics, 2013, 64, 30102.	0.3	5
98	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
99	The effect of stress on the electrical properties of PZT thin films. Ferroelectrics, 2001, 259, 251-257.	0.3	4
100	Fabrication and Electromechanical Properties of Piezoelectric Micro-Transducers for Smart Device. Integrated Ferroelectrics, 2003, 54, 679-687.	0.3	4
101	LATTICE INSTABILITIES OF BaTiO3/SrTiO3ARTIFICIAL SUPERLATTICE. Integrated Ferroelectrics, 2005, 73, 3-10.	0.3	4
102	Growth of SrTiO3/(Sr1 - x,Lax)TiO3 Superlattices and Lattice Strain Development. Ferroelectrics, 2006, 336, 255-261.	0.3	4
103	Dielectric Properties of Ultrathin SrTiO3 and Metal-SrTiO3 Interfaces. Journal of the Korean Physical Society, 2008, 52, 70-74.	0.3	4
104	Effect of (La, Sr)CoO3 seed layer on the reliability of Pb(Zr, Ti)O3 capacitors. Integrated Ferroelectrics, 1999, 25, 341-350.	0.3	3
105	The strain-induced ferroelectric properties of c-axis oriented (Ba,Sr)TiO3 thin films. Surface and Coatings Technology, 2000, 131, 552-557.	2.2	3
106	Hysteresis caused by defects in buffer layer of metal-ferroelectric-insulator-semiconductor (MFIS) devices. Integrated Ferroelectrics, 2001, 40, 245-254.	0.3	3
107	Growth of Oxide BTO/STO Artificial Superlattice by Pulsed Laser Deposition. Ferroelectrics, 2002, 272, 369-374.	0.3	3
108	Ferroelectric Properties of PbZrO3/PbTiO3 Artificial Superlattices by Scanning Probe Microscopy. Integrated Ferroelectrics, 2004, 68, 13-18.	0.3	3

#	Article	IF	Citations
109	Effect of Oxygen Cooling Environment on the Structural Characteristics and Dielectric Properties of BaTiO3and SrTiO3Thin Films. Ferroelectrics, 2005, 327, 103-109.	0.3	3
110	PIEZOELECTRICALLY DRIVEN MICROTRANSDUCER MASS SENSORS. Integrated Ferroelectrics, 2006, 80, 355-362.	0.3	3
111	Piezoelectrically Driven Self-Excited Microbridge VOCs Sensor. Ferroelectrics, 2006, 338, 41-47.	0.3	3
112	Electrical properties of SrTiO3/(Sr1â^',La)TiO3 superlattices grown by laser molecular beam epitaxy. Surface and Coatings Technology, 2007, 201, 5374-5377.	2.2	3
113	ELECTROMECHANICAL PERFORMANCE OF PIEZOELECTRIC ACTUATORS IN INKJET PRINT HEAD. Integrated Ferroelectrics, 2008, 98, 251-258.	0.3	3
114	Asymmetric properties of Pb(Zr,Ti)O3 thin film capacitors with conducting oxides. European Physical Journal Special Topics, 1998, 08, Pr9-109-Pr9-112.	0.2	3
115	Reversible Photo-Induced Currents in Epitaxial Pb(Zr_{0.52}Ti_{0.48})O₃ Thin Films. Materials Research Society Symposia Proceedings, 1993, 310, 107.	0.1	2
116	Pulsed laser deposition of Bi4Ti3O12 thin films and their anomalous imprint characteristics. Integrated Ferroelectrics, 1997, 14, 181-191.	0.3	2
117	The electrical properties and retention characteristics of strained PZT thin film capacitors. Integrated Ferroelectrics, 2001, 37, 285-294.	0.3	2
118	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
119	Asymmetric capacitance-voltage characteristics of (Bi3.25, La0.75)Ti3O12 thin films grown on Si. Integrated Ferroelectrics, 2001, 40, 225-234.	0.3	2
120	Structural and Dielectric Properties of BaTiO 3 /SrTiO 3 Artificial Superlattice on MgO and SrTiO 3 Single Crystal Substrates. Integrated Ferroelectrics, 2002, 50, 219-228.	0.3	2
121	PIEZOELECTRICALLY DRIVEN MICROTRANSDUCER MASS SENSORS. Integrated Ferroelectrics, 2005, 76, 93-100.	0.3	2
122	Fabrication and Electromechanical Properties of Pb(Zr0.52,Ti0.48)O3 Micro-Diaphragm. Integrated Ferroelectrics, 2005, 69, 383-390.	0.3	2
123	Gas Sensors Based on Piezoelectric Micro-Diaphragm Transducer. Integrated Ferroelectrics, 2005, 69, 333-339.	0.3	2
124	Variations of microstructures and electrical properties of Bi4Ti3O12/SrTiO3/(La0.5, Sr0.5)CoO3/MgO epitaxial thin films by annealing. Thin Solid Films, 2010, 518, 5630-5636.	0.8	2
125	STUDY OF IONIC CONDUCTIVITY IN CUBIC CERIA BY THE STATISTICAL MOMENT METHOD. Modern Physics Letters B, 2011, 25, 1101-1110.	1.0	2
126	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

#	Article	IF	Citations
127	Geometric tuning of charge and spin correlations in manganite superlattices. Applied Physics Letters, 2015, 106, 023120.	1.5	2
128	Dielectric Behavior of BaTiO 3 /SrTiO 3 Oxide Artificial Lattice by Strain Manipulation. Integrated Ferroelectrics, 2003, 58, 1327-1335.	0.3	2
129	Electrical characterizations of MgTiO3 thin films grown on Si. Integrated Ferroelectrics, 2000, 31, 359-366.	0.3	1
130	The growth and electrical properties of ferroelectric (Bi3.25La0.75) Ti3O12thin films for metal-ferroelectric-insulator-semiconductor. Ferroelectrics, 2001, 261, 131-137.	0.3	1
131	Dielectric Properties of BaTiO3/SrTiO3 Oxide Superlattice. AIP Conference Proceedings, 2002, , .	0.3	1
132	Low-Temperature Process of Ferroelectric (Y0.95,Bi0.05)MnO3 Thin Films and Their Structural and Electrical Properties. Integrated Ferroelectrics, 2003, 52, 163-170.	0.3	1
133	EPITAXIALLY GROWN PbZr0.3Ti0.7O3 THIN FILMS ON LaMnO3 APPLICABLE TO NANO-STORAGE MEDIA. Integrated Ferroelectrics, 2005, 75, 139-146.	0.3	1
134	RESISTIVE SWITCHING AND THRESHOLD CURRENT OF Cr-DOPED SrTiO3 THIN FILMS DEPOSITED BY PULSED LASER DEPOSITION. Integrated Ferroelectrics, 2007, 90, 107-112.	0.3	1
135	Metallic characteristics in superlattices composed of insulators, NdMnO3/SrMnO3/LaMnO3. Applied Physics Letters, 2011, 98, 171910.	1.5	1
136	Effect of Laser Fluence on Electrical Properties of (Sr_{0.75},La_{0.25})TiO₃ Thin Films Grown by Pulsed-Laser-Deposition. Journal of Nanoscience and Nanotechnology, 2014, 14, 8762-8765.	0.9	1
137	Epitaxial Growth of Perovskite (Ba, Sr)TiO₃ Thin Films on Silicon. Science of Advanced Materials, 2015, 7, 102-106.	0.1	1
138	Effects of Interfacial States on Asymmetric Polarization Switchings of Epitaxial Bi4Ti3012 Thin Films. Materials Research Society Symposia Proceedings, 1997, 474, 3.	0.1	0
139	The effect of metallic oxide layer on reliability of lead zirconate titante thin film capacitors. Surface and Coatings Technology, 2000, 131, 542-546.	2.2	0
140	Structural characterization of strained (Ba0.5,Sr0.5)TiO3 thin films grown on Si by synchrotron X-ray diffraction. Integrated Ferroelectrics, 2001, 38, 201-210.	0.3	0
141	Electrical properties of the MOS structures using strained (Ba0.5, Sr0.5)TiO3thin films. Ferroelectrics, 2001, 259, 269-275.	0.3	0
142	A new ferroelectric material for use in FRAM: lanthanum-substituted bismuth titanate. , 0, , .		0
143	Strain induced (Ba,Sr)TiO3 thin films for Metal-Ferroelectric-Insulator-Semiconductor memory devices. Integrated Ferroelectrics, 2001, 34, 139-145.	0.3	0
144	Fabrication of piezoelectrically driven micro-cantilever using Pb(Zr, Ti)O/sub 3/ films. , 0, , .		0

#	Article	IF	Citations
145	Growth and Dielectric Properties of BaTiO 3 /SrTiO 3 Artificial Lattice with Asymmetric Stacking Sequence. Integrated Ferroelectrics, 2002, 47, 159-166.	0.3	0
146	FINITE SIZE EFFECTS OF DIELECTRIC CONSTANT IN BaTiO3/SrTiO3 SUPERLATTICE. Integrated Ferroelectrics, 2005, 76, 155-162.	0.3	0
147	Kinetics of nanodomain growth in ferroelectric artificial superlattices. Scripta Materialia, 2013, 69, 501-504.	2.6	0
148	High-<I>k</I> Amorphous SrTiO₃ Thin Films for Tactile Displays. Science of Advanced Materials, 2015, 7, 1530-1534.	0.1	0
149	Evolution of Low Symmetric Phase in Strained Epitaxial (Ba_{0.5},) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 0 5 Materials, 2015, 7, 1510-1514.	0.1	0