

Peng Shi

List of Publications by Year in descending order

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142
papers

1,860
citations

257357

24
h-index

377752

34
g-index

143
all docs

143
docs citations

143
times ranked

1811
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Reliable Synaptic Simulation Using Al-Doped HfO ₂ RRAM. ACS Applied Materials & Interfaces, 2020, 12, 10648-10656.	4.0	80
2	High pyroelectricity in lead-free 0.5Ba(Zr _{0.2} Ti _{0.8})O ₃ ·0.5(Ba _{0.7} Ca _{0.3})TiO ₃ ceramics. Journal Physics D: Applied Physics, 2012, 45, 195301.	2.3	76
3	Lead-free (K, Na)NbO ₃ ferroelectric thin films: Preparation, structure and electrical properties. Journal of Alloys and Compounds, 2010, 508, 129-132.	2.8	62
4	Enhanced ferroelectric properties in Mn-doped K _{0.5} Na _{0.5} NbO ₃ thin films derived from chemical solution deposition. Applied Physics Letters, 2010, 97, 072902.	1.5	61
5	Interface-engineered reliable HfO ₂ -based RRAM for synaptic simulation. Journal of Materials Chemistry C, 2019, 7, 12682-12687.	2.7	60
6	Synthesis of crystalline cerium dioxide hydrosol by a sol-gel method. Ceramics International, 2012, 38, S501-S504.	2.3	45
7	Low-temperature remote plasma-enhanced atomic layer deposition of graphene and characterization of its atomic-level structure. Journal of Materials Chemistry C, 2014, 2, 7570-7574.	2.7	42
8	Improved electrical properties for Mn-doped lead-free piezoelectric potassium sodium niobate ceramics. AIP Advances, 2015, 5, .	0.6	41
9	Effect of deposition temperature on orientation and electrical properties of (K _{0.5} Na _{0.5})NbO ₃ thin films by pulsed laser deposition. Applied Surface Science, 2012, 258, 2674-2678.	3.1	40
10	A Highly Thermostable In ₂ O ₃ /ITO Thin Film Thermocouple Prepared via Screen Printing for High Temperature Measurements. Sensors, 2018, 18, 958.	2.1	40
11	Effect of Pyrolysis Temperature on K _{0.5} Na _{0.5} NbO ₃ Thick Films Derived from Polyvinylpyrrolidone-Modified Chemical Solution. Journal of the American Ceramic Society, 2010, 93, 3686-3690.	1.9	37
12	Tungsten-rhenium thin film thermocouples for SiC-based ceramic matrix composites. Review of Scientific Instruments, 2017, 88, 015007.	0.6	35
13	A thin-film temperature sensor based on a flexible electrode and substrate. Microsystems and Nanoengineering, 2021, 7, 42.	3.4	35
14	Structures, electrical properties, and leakage current behaviors of un-doped and Mn-doped lead-free ferroelectric K _{0.5} Na _{0.5} NbO ₃ films. Journal of Applied Physics, 2014, 115, .	1.1	29
15	Phase transition, leakage conduction mechanism evolution and enhanced ferroelectric properties in multiferroic Mn-doped BiFeO ₃ thin films. Journal of Materials Science: Materials in Electronics, 2016, 27, 3095-3102.	1.1	29
16	High temperature high sensitivity Mach-Zehnder interferometer based on waist-enlarged fiber bitapers. Sensors and Actuators A: Physical, 2017, 267, 491-495.	2.0	29
17	Improved dielectric and ferroelectric properties in Ti-doped BiFeO ₃ ·PbTiO ₃ thin films prepared by pulsed laser deposition. Thin Solid Films, 2010, 518, 1637-1640.	0.8	28
18	Influence of substrate temperature on structures and dielectric properties of pyrochlore Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ thin films prepared by pulsed laser deposition. Applied Surface Science, 2010, 256, 6607-6611.	3.1	28

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19	Structure and electrical properties of Na _{0.5} Bi _{0.5} TiO ₃ ferroelectric thick films derived from a polymer modified sol-gel method. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2011, 58, 2042-2049.	1.7	28
20	Effect of oxygen pressure on structure and properties of Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ pyrochlore thin films prepared by pulsed laser deposition. Applied Surface Science, 2010, 256, 1861-1866.	3.1	27
21	Effects of thickness on structures and electrical properties of K _{0.5} Na _{0.5} NbO ₃ thick films derived from polyvinylpyrrolidone-modified chemical solution. Ceramics International, 2012, 38, S291-S294.	2.3	26
22	Structure and dielectric properties of barium titanate thin films for capacitor applications. Ceramics International, 2013, 39, S481-S485.	2.3	26
23	Recoverable Self-Polarization in Lead-Free Bismuth Sodium Titanate Piezoelectric Thin Films. ACS Applied Materials & Interfaces, 2017, 9, 28716-28725.	4.0	26
24	Enhanced tunable dielectric properties of Ba _{0.5} Sr _{0.5} TiO ₃ /Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ multilayer thin films by a sol-gel process. Thin Solid Films, 2011, 520, 789-792.	0.8	25
25	Preparation and thermal volatility characteristics of In ₂ O ₃ /ITO thin film thermocouple by RF magnetron sputtering. AIP Advances, 2017, 7, .	0.6	24
26	Range Analysis of Thermal Stress and Optimal Design for Tungsten-Rhenium Thin Film Thermocouples Based on Ceramic Substrates. Sensors, 2017, 17, 857.	2.1	24
27	A new kind of thermocouple made of p-type and n-type semi-conductive oxides with giant thermoelectric voltage for high temperature sensing. Journal of Materials Chemistry C, 2018, 6, 3206-3211.	2.7	23
28	A new biosensor based on PVDF film for detection of nucleic acids. Ceramics International, 2015, 41, S602-S606.	2.3	20
29	Thickness effects on structures and electrical properties of lead zirconate titanate thick films. Ceramics International, 2008, 34, 991-995.	2.3	19
30	Structures and dielectric properties of pyrochlore bismuth zinc niobate thin films with zinc compensation. Journal of Alloys and Compounds, 2013, 553, 8-13.	2.8	19
31	Effect of excessive K and Na on the dielectric properties of (K,Na)NbO ₃ thin films. Thin Solid Films, 2013, 548, 556-559.	0.8	19
32	Structural and electrical properties of sol-gel-derived Al-doped bismuth ferrite thin films. Ceramics International, 2013, 39, S461-S464.	2.3	19
33	High Temperature High Sensitivity Multipoint Sensing System Based on Three Cascade Mach-Zehnder Interferometers. Sensors, 2018, 18, 2688.	2.1	19
34	Enhanced ferroelectric properties of highly (100) oriented Pb(Zr _{0.52} Ti _{0.48})O ₃ thick films prepared by chemical solution deposition. Journal of Advanced Dielectrics, 2013, 03, 1350011.		18
35	Structure, composition and microwave dielectric properties of bismuth zinc niobate pyrochlore thin films. Journal of Applied Physics, 2014, 116, 194107.	1.1	18
36	Modeling and Analysis of a Combined Stress-Vibration Fiber Bragg Grating Sensor. Sensors, 2018, 18, 743.	2.1	18

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37	Microwave dielectric properties and optical transmittance of SrTiO ₃ /ZnTiO ₃ heterolayer thin films fabricated by sol-gel processing. <i>Journal of Advanced Dielectrics</i> , 2020, 10, 2050027.	1.5	18
38	Structures and electrical properties of Mn- and Co-doped lead-free ferroelectric K _{0.5} Na _{0.5} NbO ₃ films prepared by a chemical solution deposition method. <i>Thin Solid Films</i> , 2013, 537, 65-69.	0.8	17
39	Polarization behavior of lead-free 0.94(Bi _{0.5} Na _{0.5})TiO ₃ -0.06BaTiO ₃ thin films with enhanced ferroelectric properties. <i>Journal of the European Ceramic Society</i> , 2020, 40, 3928-3935.	2.8	17
40	Cobalt doping effects on structures and electrical properties of lead-free ferroelectric K _{0.5} Na _{0.5} NbO ₃ films. <i>Journal of Alloys and Compounds</i> , 2014, 608, 202-206.	2.8	16
41	Preparation and Properties of (110) Oriented Lead-Free Sodium Potassium Niobate Thin Films by MOD Method. <i>Ferroelectrics</i> , 2008, 367, 61-66.	0.3	15
42	Effect of magnetron sputtering parameters on adhesion properties of tungsten-rhenium thin film thermocouples. <i>Ceramics International</i> , 2018, 44, S15-S18.	2.3	15
43	Reactive ion etching of sol-gel-derived BST thin film. <i>Ceramics International</i> , 2004, 30, 1513-1516.	2.3	14
44	Screen-Printed Flexible Thermoelectric Device Based on Hybrid Silver Selenide/PVP Composite Films. <i>Nanomaterials</i> , 2021, 11, 2042.	1.9	14
45	Structural and dielectric properties of Bi ₂ Zn ₂ /3Nb ₄ /3O ₇ thin films prepared by pulsed laser deposition at low temperature for embedded capacitor applications. <i>Journal of Alloys and Compounds</i> , 2011, 509, 9302-9306.	2.8	13
46	Deep reactive ion etching of PZT ceramics and PMN-PT single crystals for high frequency ultrasound transducers. <i>Ceramics International</i> , 2015, 41, S656-S661.	2.3	13
47	Structural and Electrical Properties of Flexible ITO/In ₂ O ₃ Thermocouples on PI Substrates under Tensile Stretching. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1105-1111.	2.0	13
48	A thermally tunable THz metamaterial frequency-selective surface based on barium strontium titanate thin film. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 045301.	1.3	13
49	Third-order optical nonlinearity of (Ba _{0.7} Sr _{0.3})TiO ₃ ferroelectric thin films fabricated by soft solution processing. <i>Solid State Communications</i> , 2005, 134, 589-593.	0.9	12
50	Ba _{0.5} Sr _{0.5} TiO ₃ /Bi _{1.5} Zn _{1.0} Nb _{1.5} TiO ₇ multilayer thin films prepared by sol-gel method. <i>Applied Surface Science</i> , 2008, 255, 2129-2132.	3.1	12
51	Effects of excess amount of K and Na on properties of (K _{0.48} Na _{0.52})NbO ₃ thin films. <i>Ceramics International</i> , 2012, 38, S279-S281.	2.3	12
52	Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ thin films deposited at low temperature and post-annealed for crystallization. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 1595-1600.	1.1	12
53	Structures and Properties of Doped Bismuth Zinc Niobate Cubic Pyrochlore Thin Films Prepared by Pulsed Laser Deposition. <i>Ferroelectrics</i> , 2009, 381, 87-91.	0.3	11
54	Strong electron emission from antiferroelectric PLZT(2/95/5) films. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	11

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55	Preparation and electrical properties of $(1-x)(\text{Na}_{0.5}\text{Bi}_{0.5})\text{TiO}_3-x\text{BiAlO}_3$ thin films by a sol-gel process. <i>Ceramics International</i> , 2015, 41, S240-S245.	2.3	11
56	Structural and electrical properties of sodium bismuth titanate based O_3 composite lead-free ferroelectric thick films. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154506.	2.8	11
57	Effect of annealing temperature on ferroelectric electron emission of sol-gel PZT films. <i>Ceramics International</i> , 2013, 39, S471-S474.	2.3	10
58	Structures and electric properties of cubic bismuth based pyrochlore thin films grown by pulsed laser deposition. <i>Journal of Alloys and Compounds</i> , 2014, 614, 80-86.	2.8	10
59	Design and fabrication of high frequency BNT film based linear array transducer. <i>Ceramics International</i> , 2015, 41, S631-S637.	2.3	10
60	Enhanced $\text{La}_{0.8}\text{Sr}_{0.2}\text{CrO}_3/\text{Pt}$ thin film thermocouple with Al_2O_3 coating layer for high temperature sensing. <i>Ceramics International</i> , 2018, 44, S233-S237.	2.3	10
61	The influence of key characteristic parameters on performance of optical fiber Fabry-Perot temperature sensor. <i>AIP Advances</i> , 2020, 10, 085118.	0.6	10
62	Effect of poly(vinyl acetate) on structures and properties of $\text{PbZr}_{0.52}\text{Ti}_{0.48}\text{O}_3$ thick films. <i>Journal of Applied Physics</i> , 2007, 102, 084109.	1.1	9
63	Preparation and electrical properties of $\text{Bi}_2\text{Zn}_2/3\text{Nb}_4/3\text{O}_7$ thin films deposited at room temperature for embedded capacitor applications. <i>Ceramics International</i> , 2012, 38, S73-S77.	2.3	9
64	Structure and microwave dielectric properties of $\text{Bi}_{1.5}\text{Zn}_{1.0}\text{Nb}_{1.5}\text{O}_7$ thin films deposited on alumina substrates by pulsed laser deposition. <i>Thin Solid Films</i> , 2012, 520, 5141-5145.	0.8	9
65	Effect of Mn doping on structures and properties of chemical solution deposited lead zirconate titanate thick films with (100) preferential orientation. <i>Journal of Applied Physics</i> , 2013, 114, .	1.1	9
66	Effects of thickness on structures and electrical properties of Mn-doped $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ films. <i>Journal of Alloys and Compounds</i> , 2014, 582, 759-763.	2.8	9
67	Preparation of CeO_2 micro/nanostructure and their photocatalytic properties in glow discharge electrolysis. <i>Ceramics International</i> , 2015, 41, S47-S50.	2.3	9
68	Ordinary Optical Fiber Sensor for Ultra-High Temperature Measurement Based on Infrared Radiation. <i>Sensors</i> , 2018, 18, 4071.	2.1	9
69	Ferroelectric Thin Film Diaphragm Resonators for Bio-Detection. <i>Ferroelectrics</i> , 2010, 410, 145-151.	0.3	8
70	Enhanced Structures and Electrical Properties of Lead-Free $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3-x\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ Composite Ferroelectric Thick Films. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3425-3430.		8
71	Structural and electric response of $\text{ITO}/\text{In}_2\text{O}_3$ transparent thin film thermocouples derived from RF sputtering at room temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 20253-20259.	1.1	8
72	Fabrication and characterization of $\text{La}_{0.8}\text{Sr}_{0.2}\text{CrO}_3/\text{In}_2\text{O}_3$ thin film thermocouple for high temperature sensing. <i>Sensors and Actuators A: Physical</i> , 2018, 280, 459-465.	2.0	8

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73	WRe26â€“In2O3 probe-type thin film thermocouples applied to high temperature measurement. Review of Scientific Instruments, 2020, 91, 074901.	0.6	8
74	High-Performance Temperature Sensor by Employing Screen Printing Technology. Micromachines, 2021, 12, 924.	1.4	8
75	Effect of excess Bi2O3 on structures and dielectric properties of Bi1.5Zn1.0Nb1.5O7 thin films deposited at room temperature by RF magnetron sputtering. Ceramics International, 2013, 39, S465-S469.	2.3	7
76	Influence of substrate deformation on piezoelectric displacement measurement of piezoelectric film. Ceramics International, 2013, 39, S583-S586.	2.3	7
77	Effect of sintering temperature on structural and electrical properties of lead-free BNTâ€“BT piezoelectric thick films. Ceramics International, 2015, 41, S259-S264.	2.3	7
78	Effects of Thickness, Pulse Duration, and Size of Strip Electrode on Ferroelectric Electron Emission of Lead Zirconate Titanate Films. Journal of Electronic Materials, 2018, 47, 1183-1191.	1.0	7
79	Investigation on thermoelectric properties of screen-printed La1-xSrxCrO3-In2O3 thermocouples for high temperature sensing. Journal of the European Ceramic Society, 2018, 38, 5030-5035.	2.8	7
80	Study on the characteristics of thermo-electrodes of various deposition parameters for the flexible temperature sensor. Review of Scientific Instruments, 2020, 91, 125004.	0.6	7
81	Preparation and properties of (Ba0.7Sr0.3)TiO3 thin films by soft-solution processing. Journal of Crystal Growth, 2005, 276, 97-101.	0.7	6
82	Dielectric properties of Ba0.6Sr0.4TiO3 thin films deposited by mist plasma evaporation using aqueous solution precursor. Journal of Applied Physics, 2006, 99, 114105.	1.1	6
83	Effects of LaNiO3 buffer layers on preferential orientation growth and properties of PbTiO3 thin films. Ceramics International, 2008, 34, 1035-1038.	2.3	6
84	Electric and Magnetic Properties of Bilayered Leadâ€“Free Piezoelectric and Multiferroic <sc><sc>Bi</sc></sc>_{0.9}<sc><sc>Dy</sc></sc>_{0.1}<sc><sc>FeO</sc></sc>₂/<sc><sc>Thin Films. Journal of the American Ceramic Society, 2012, 95, 3166-3171.	2.3	6
85	Design and micro-machining fabrication of piezoelectric diaphragm chambers for biomaterial detection. Ceramics International, 2015, 41, S612-S617.	2.3	6
86	Lead-Free Piezoelectric Diaphragm Biosensors Based on Micro-Machining Technology and Chemical Solution Deposition. Sensors, 2016, 16, 69.	2.1	6
87	Bismuth Zinc Niobate Thin Film Multilayer Capacitors with Cu Electrodes Fabricated at Low Temperature by <sc>RF</sc> Magnetron Sputtering. Journal of the American Ceramic Society, 2016, 99, 1676-1680.	1.9	6
88	Facile highâ€“performance film thermocouple made of strontium lanthanum chromate for temperature sensing in air. Journal of the American Ceramic Society, 2018, 101, 4880-4886.	1.9	6
89	Microstructure and thermoelectric properties of In2O3/ITO thin film thermocouples with Al2O3 protecting layer. Journal of Materials Science: Materials in Electronics, 2019, 30, 1786-1793.	1.1	6
90	Optimization on thermoelectric characteristics of indium tin oxide/indium oxide thin film thermocouples based on screen printing technology. Review of Scientific Instruments, 2021, 92, 105001.	0.6	6

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91	Low Temperature Crystallization and Thick Single Layer of PbTiO ₃ Thin Film by Metallo-Organic Compound Decomposition with an Additive of PVAC. <i>Ferroelectrics</i> , 2006, 335, 113-118.	0.3	5
92	Effect of poly(vinyl acetate) on structure and property of bismuth-doped strontium titanate thin films derived by sol-gel method. <i>Ceramics International</i> , 2008, 34, 997-1001.	2.3	5
93	Ferroelectric (K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.86} Ta _{0.10} Sb _{0.04})O ₃ Films Prepared by Pulsed Laser Deposition. <i>Ferroelectrics</i> , 2010, 406, 62-67.	0.3	5
94	Structure and Electrical Properties of Bi _{0.5} Na _{0.5} TiO ₃ -PZT Composite Lead-Free Thick Films. <i>Ferroelectrics</i> , 2014, 465, 7-12.	0.3	5
95	Effects of Heat Treatment Temperature on the Properties of (Na _{0.5} Bi _{0.5})TiO ₃ -BiAlO ₃ Lead-Free Piezoelectric Thin Films. <i>Journal of the American Ceramic Society</i> , 2016, 99, 1340-1344.	1.9	5
96	Pyrochlore structure and dielectric properties of bismuth zinc niobate thin films prepared by RF sputtering. <i>Ceramics International</i> , 2017, 43, 10737-10742.	2.3	5
97	Effect of heat treatment on thermoelectric properties of tungsten-rhenium thin-film thermocouples by RF magnetron sputtering. <i>AIP Advances</i> , 2018, 8, 125113.	0.6	5
98	Optimizing the Properties of La _{0.8} Sr _{0.2} CrO ₃ Thin Films through Post-Annealing for High-Temperature Sensing. <i>Nanomaterials</i> , 2021, 11, 1802.	1.9	5
99	Effect of SiO ₂ buffer layer on thermoelectric response of In ₂ O ₃ /ITO thin film thermocouples. <i>Journal of Alloys and Compounds</i> , 2022, 902, 163838.	2.8	5
100	Nb Doping Effects on Structures and Properties of PZT Thick Films Prepared by Polymer-Assisted MOD Process. <i>Ferroelectrics</i> , 2009, 383, 151-158.	0.3	4
101	Structure and dielectric properties of (Sr _{1-x} Bi _x)TiO ₃ thin films. <i>Journal of Applied Physics</i> , 2009, 105, 084104.	1.1	4
102	Preparation of Diffuser-Type Micropumps Using PZT Thin Films Prepared by Metallo-Organic Compound Decomposition Process. <i>Ferroelectrics</i> , 2009, 383, 144-150.	0.3	4
103	Structures and Dielectric Properties of Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ Thin Films Prepared by Pulsed Laser Deposition at Low Temperature. <i>Ferroelectrics</i> , 2010, 407, 75-83.	0.3	4
104	Structural, Dielectric and Ferroelectric Properties of Ti-Modified 0.72BiFeO ₃ -0.28PbTiO ₃ Multiferroic Thin Films Prepared by Pulsed Laser Deposition. <i>Ferroelectrics</i> , 2010, 410, 42-49.	0.3	4
105	Structural, dielectric, ferroelectric and piezoresponse force microscopy characterizations of bilayered Bi _{0.9} Dy _{0.1} FeO ₃ /K _{0.5} Na _{0.5} NbO ₃ lead-free multiferroic films. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	4
106	The preparation of ceria colloids dispersed by polyvinyl alcohol. <i>Ceramics International</i> , 2013, 39, S615-S618.	2.3	4
107	Structural and dielectric properties of calcium doped bismuth zinc niobate thin films prepared by pulsed laser deposition at room temperature. <i>Ceramics International</i> , 2015, 41, S308-S313.	2.3	4
108	Mechanical properties of low k SiO ₂ thin films templated by PVA. <i>Ceramics International</i> , 2015, 41, S365-S369.	2.3	4

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109	Effect of Annealing on the Thermoelectricity Properties of the WRe ₂₆ In ₂ O ₃ Thin Film Thermocouples. <i>Micromachines</i> , 2020, 11, 664.	1.4	4
110	POLYMER-ASSISTED MOD PREPARATION OF PbZr _{0.52} Ti _{0.48} O ₃ THICK FILMS FOR MEMS APPLICATIONS. <i>Integrated Ferroelectrics</i> , 2006, 84, 75-82.	0.3	3
111	Preparation and Properties of Highly Oriented LaNiO ₃ Thin Films on Different Substrates. <i>Ferroelectrics</i> , 2007, 357, 53-57.	0.3	3
112	Effect of SrTiO ₃ Buffer Layers on Crystallization and Properties of Sol-Gel Derived Pb(Zr _{0.52} Ti _{0.48})O ₃ Thin Films. <i>Ferroelectrics</i> , 2010, 406, 206-212.	0.3	3
113	Structural and electric properties of Bi ₂ Zn ₂ /3Nb ₄ /3O ₇ thin films prepared by pulsed laser deposition. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 793-800.	1.1	3
114	Effect of excess Bi ₂ O ₃ on structure and performance of ZnO-based thin film transistors. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2015, 33, 061206.	0.6	3
115	Structural and electrical properties of SrFe _{1-x} Ti _x O ₃ (x=0.001, 0.005 and 0.01) thin films prepared by pulsed laser depositions. <i>Ceramics International</i> , 2015, 41, S223-S227.	2.3	3
116	Effect of excess ZnO on structure and dielectric properties of Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ thin films grown at room temperature by RF magnetron sputtering. <i>Ceramics International</i> , 2015, 41, S283-S288.	2.3	3
117	Anisotropic Piezoelectric Properties of Porous (Ba _{0.85} Ca _{0.15})(Zr _{0.1} Ti _{0.9})O ₃ Ceramics with Oriented Pores through TBA-Based Freeze-Casting Method. <i>Materials</i> , 2022, 15, 3820.	1.3	3
118	PREPARATION AND PROPERTIES OF (La, Mn) CODOPED PZT THIN FILMS BY A MOD METHOD. <i>Integrated Ferroelectrics</i> , 2006, 84, 91-98.	0.3	2
119	Processing and Properties of Ba _{0.5} Sr _{0.5} TiO ₃ /Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ /Ba _{0.5} Sr _{0.5} TiO ₃ Thin Films for Tunable Microwave Devices. <i>Ferroelectrics</i> , 2010, 406, 3-9.		
120	THICKNESS-DEPENDENCE OF RESIDUAL STRESS IN LEAD-FREE FERROELECTRIC K _{0.5} Na _{0.5} NbO ₃ FILMS. <i>Journal of Advanced Dielectrics</i> , 2012, 02, 1250021.	1.5	2
121	Microwave dielectric properties of bismuth zinc niobate thin films deposited on alumina by pulsed laser deposition. <i>Ceramics International</i> , 2013, 39, S491-S495.	2.3	2
122	Resonance Behavior of Piezoelectric Polymer Diaphragms for Biosensors. <i>Ferroelectrics</i> , 2014, 459, 38-45.	0.3	2
123	Preparation and characterization of lead zirconate titanate thick films prepared by chemical solution deposition for MEMS applications. <i>Ceramics International</i> , 2015, 41, S250-S253.	2.3	2
124	Preparation and characterization of sodium potassium niobate-silver niobate lead-free films by chemical solution deposition. <i>Ceramics International</i> , 2015, 41, S228-S233.	2.3	2
125	Effect of annealing temperature of Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ gate insulator on performance of ZnO based thin film transistors. <i>Journal of Semiconductors</i> , 2016, 37, 074007.	2.0	2
126	Preparation and Dielectric Properties of Bi _{1.5} Zn _{1.0} Nb _{1.5} O ₇ -Ba _{0.5} Sr _{0.5} TiO ₃ Compo Thick Films. <i>Ferroelectrics</i> , 2007, 357, 138-141.	0.3	2

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127	Electrical and optical properties of PZT ferroelectric films fabricated by the PVP-assisted sol-gel method. Journal of Electroceramics, 2008, 21, 516-519.	0.8	1
128	Influence of Oxygen Pressure on Structures and Electrical Properties of Lead-free $(\text{K}_{0.44}\text{Na}_{0.52}\text{Li}_{0.04})(\text{Nb}_{0.86}\text{Ta}_{0.10}\text{Sb}_{0.04})\text{O}_{3-x}$ Thin Films Deposited by Pulsed Laser Deposition. Integrated Ferroelectrics, 2012, 139, 14-19.	0.3	1
129	Transformation of Vibration Shapes in Resonances of Micromachined Piezoelectric Circular Membrane. Ferroelectrics, 2013, 450, 1-6.	0.3	1
130	Structural and electrical properties of $0.1\text{BiYbO}_3\text{--}0.9\text{PbTiO}_3$ piezoelectric thin films grown by pulsed laser deposition. Ceramics International, 2015, 41, S202-S205.	2.3	1
131	Effect of sputtering power on properties of ZnO thin film transistors with $\text{Bi}_{1.5}\text{Zn}_{1.0}\text{Nb}_{1.5}\text{O}_7$ gate insulator. Ceramics International, 2015, 41, S750-S757.	2.3	1
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