

# Ming Liu

## List of Publications by Year in descending order

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154  
papers

6,512  
citations

53751

45  
h-index

74108

75  
g-index

155  
all docs

155  
docs citations

155  
times ranked

6005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of post-annealing on microstructural and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> :MgO nanocomposite films on MgAl <sub>2</sub> O <sub>4</sub> (0 0 1) substrates. <i>Materials Letters</i> , 2022, 308, 131255.	1.3	1
2	Domain-Engineered Flexible Ferrite Membrane for Novel Machine Learning Based Multimodal Flexible Sensing. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	4
3	Stress-induced controllable magnetic properties in flexible epitaxial Mn <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite films. <i>Journal of Materiomics</i> , 2022, 8, 596-600.	2.8	2
4	Ultrahigh Temperature Lead-Free Film Capacitors via Strain and Dielectric Constant Double Gradient Design. <i>Small</i> , 2022, 18, e2105780.	5.2	12
5	Realizing high energy density and efficiency simultaneously via sub-grain modification in lead-free dielectric films. <i>Nano Energy</i> , 2022, 98, 107313.	8.2	9
6	Dielectric property and tunability of multilayer BST-BTO thin film in the terahertz range. <i>Optics and Laser Technology</i> , 2022, 155, 108366.	2.2	1
7	Silicon-integrated lead-free BaTiO <sub>3</sub> -based film capacitors with excellent energy storage performance and highly stable irradiation resistance. <i>Journal of Materials Chemistry A</i> , 2021, 9, 14818-14826.	5.2	7
8	Modulating the transport property of flexible La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> thin film by mechanical bending. <i>Applied Physics Letters</i> , 2021, 118, 052404.	1.5	2
9	Effect of mosaicity on energy storage performance of epitaxial BaZr <sub>0.35</sub> Ti <sub>0.65</sub> O <sub>3</sub> films. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	6
10	Improving High-Temperature Energy Storage Performance of Silicon-Integrated Oxide Film Capacitors via Inserting a Graphene Buffer Layer. <i>IEEE Electron Device Letters</i> , 2021, 42, 1216-1219.	2.2	4
11	Emergent perpendicular magnetic anisotropy at the interface of an oxide heterostructure. <i>Physical Review B</i> , 2021, 104, .	1.1	4
12	Manipulation of microwave magnetism in flexible La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> film by deformable ionic gel gating. <i>Applied Surface Science</i> , 2021, 563, 150074.	3.1	5
13	Epitaxial lift-off of flexible single-crystal magnetite thin films with tunable magnetic performances by mechanical deformation. <i>Journal of Alloys and Compounds</i> , 2021, 887, 161470.	2.8	7
14	Multilayer ceramic film capacitors for high-performance energy storage: progress and outlook. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9462-9480.	5.2	46
15	Dislocation Defect Layer-Induced Magnetic Bi-states Phenomenon in Epitaxial La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> (111) Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, , .	4.0	1
16	Enhancing energy storage performances in an ultra-wide temperature range via interface engineering and thermal management for silicon-integrated dielectric capacitors. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	3
17	Nonvolatile modulation of spin transport in PMN-PT/LiFe <sub>5</sub> O <sub>8</sub> /Pt multiferroic heterostructures. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	1
18	Effect of growth temperature on the microstructural properties of 0.95Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> -0.05BaTiO <sub>3</sub> films prepared on MgO (0 0 1) substrates. <i>Materials Letters</i> , 2020, 259, 126847.	1.3	0

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19	Atomic-scale investigation of spinel LiFe <sub>5</sub> O <sub>8</sub> thin films on SrTiO <sub>3</sub> (001) substrates. Journal of Materials Science and Technology, 2020, 40, 31-38.	5.6	6
20	Recent progress on the fabrication and applications of flexible ferroelectric devices. Journal of Materials Chemistry C, 2020, 8, 14-27.	2.7	29
21	Atomic Scale Understanding of the Epitaxy of Perovskite Oxides on Flexible Mica Substrate. Advanced Materials Interfaces, 2020, 7, 1901265.	1.9	21
22	Wireless strain sensor based on the magnetic strain anisotropy dependent ferromagnetic resonance. AIP Advances, 2020, 10, 105310.	0.6	5
23	Flexible CoFeB/Silk Films for Biocompatible RF/Microwave Applications. ACS Applied Materials & Interfaces, 2020, 12, 51654-51661.	4.0	9
24	Manipulating leakage behavior via thickness in epitaxial BaZr <sub>0.35</sub> Ti <sub>0.65</sub> O <sub>3</sub> thin film capacitors. Applied Physics Letters, 2020, 116, .	1.5	19
25	Enhanced Energy Storage Performance of Lead-Free Capacitors in an Ultrawide Temperature Range via Engineering Paraferroelectric and Relaxor Ferroelectric Multilayer Films. ACS Applied Materials & Interfaces, 2020, 12, 25930-25937.	4.0	35
26	Low-damping flexible Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> thin films for tunable RF/microwave processors. Materials Horizons, 2020, 7, 1558-1565.	6.4	16
27	Self-assembling behavior and interface structure in vertically aligned nanocomposite (Pr <sub>0.5</sub> Ba <sub>0.5</sub> MnO <sub>3</sub> ) <sub>1-x</sub> (CeO <sub>2</sub> ) <sub>x</sub> films on (001) (La,Sr)(Al,Ta)O <sub>3</sub> substrates. Scientific Reports, 2020, 10, 2348.	1.6	4
28	Freestanding single-crystal Ni <sub>0.5</sub> Zn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite membranes with controllable enhanced magnetic properties for flexible RF/microwave applications. Journal of Materials Chemistry C, 2020, 8, 17099-17106.	2.7	9
29	Ferromagnetic Resonance of Single-Crystalline La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> Thin Film Integrated on Silicon. IEEE Electron Device Letters, 2019, 40, 1856-1859.	2.2	3
30	Controlling the Dirac point voltage of graphene by mechanically bending the ferroelectric gate of a graphene field effect transistor. Materials Horizons, 2019, 6, 302-310.	6.4	21
31	Recent progress on flexible inorganic single-crystalline functional oxide films for advanced electronics. Materials Horizons, 2019, 6, 911-930.	6.4	46
32	Realization of high energy density in an ultra-wide temperature range through engineering of ferroelectric sandwich structures. Nano Energy, 2019, 62, 725-733.	8.2	42
33	Integration of Both Invariable and Tunable Microwave Magnetisms in a Single Flexible La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> Thin Film. ACS Applied Materials & Interfaces, 2019, 11, 22677-22683.	4.0	26
34	Flexible Lead-Free BaTiO <sub>3</sub> Ferroelectric Elements With High Performance. IEEE Electron Device Letters, 2019, 40, 889-892.	2.2	16
35	Reciprocal-space-resolved piezoelectric control of non-volatile magnetism in epitaxial LiFe <sub>5</sub> O <sub>8</sub> film on Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.7</sub> Ti <sub>0.3</sub> O <sub>3</sub> substrate. Applied Physics Letters, 2019, 114, .	1.5	9
36	Probing the relationship of cations-graphene interaction strength with self-organization behaviors of the anions at the interface between graphene and ionic liquids. Applied Surface Science, 2019, 479, 576-581.	3.1	3

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37	Atomic-scale imaging of heterointerface and planar faults in epitaxial (Pr, Sr) <sub>2</sub> CoO <sub>4</sub> films on SrTiO <sub>3</sub> (001) substrates. <i>Journal of Crystal Growth</i> , 2019, 511, 93-98.	0.7	4
38	Flexible lead-free oxide film capacitors with ultrahigh energy storage performances in extremely wide operating temperature. <i>Nano Energy</i> , 2019, 57, 519-527.	8.2	75
39	All-Inorganic Flexible Embedded Thin-Film Capacitors for Dielectric Energy Storage with High Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 5247-5255.	4.0	81
40	Lateral Graphene πn Junctions Realized by Nanoscale Bipolar Doping Using Surface Electric Dipoles and Self-Organized Molecular Anions. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801380.	1.9	4
41	Strategies to achieve high performance piezoelectric nanogenerators. <i>Nano Energy</i> , 2019, 55, 288-304.	8.2	219
42	Long-Range Nonvolatile Electric Field Effect in Epitaxial Fe/Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.7</sub> Ti <sub>0.3</sub> O <sub>3</sub> Heterostructures. <i>Advanced Functional Materials</i> , 2018, 28, 1707027.	7.8	19
43	Interface thickness optimization of lead-free oxide multilayer capacitors for high-performance energy storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1858-1864.	5.2	52
44	Formation of Ruddlesden-Popper Faults and Their Effect on the Magnetic Properties in Pr <sub>0.5</sub> Sr <sub>0.5</sub> CoO <sub>3</sub> Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 1428-1433.	4.0	14
45	Strong Nonvolatile Magnon-Driven Magnetoelectric Coupling in Single-Crystal Co/[PbMg <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> ] <sub>0.71</sub> [PbTiO <sub>3</sub> ] <sub>0.29</sub> Heterostructures. <i>Physical Review Applied</i> , 2018, 9, .	1.5	27
46	Mechanical Strain-Tunable Microwave Magnetism in Flexible CuFe <sub>2</sub> O <sub>4</sub> Epitaxial Thin Film for Wearable Sensors. <i>Advanced Functional Materials</i> , 2018, 28, 1705928.	7.8	58
47	Enhanced bending-tuned magnetic properties in epitaxial cobalt ferrite nanopillar arrays on flexible substrates. <i>Materials Horizons</i> , 2018, 5, 230-239.	6.4	31
48	High-performance BaZr <sub>0.35</sub> Ti <sub>0.65</sub> O <sub>3</sub> thin film capacitors with ultrahigh energy storage density and excellent thermal stability. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12291-12297.	5.2	96
49	A Strategy to Modulate the Bending Coupled Microwave Magnetism in Nanoscale Epitaxial Lithium Ferrite for Flexible Spintronic Devices. <i>Advanced Science</i> , 2018, 5, 1800855.	5.6	22
50	Flexible Lithium Ferrite Nanopillar Arrays for Bending Stable Microwave Magnetism. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 39422-39427.	4.0	18
51	Highly Stable In-Plane Microwave Magnetism in Flexible Li <sub>0.35</sub> Zn <sub>0.3</sub> Fe <sub>2.35</sub> O <sub>4</sub> (111) Epitaxial Thin Films for Wearable Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32331-32336.	4.0	16
52	Structural transition induced enhancement of magnetization and magnetoresistance in epitaxial (Pr <sub>0.5</sub> Ba <sub>0.5</sub> MnO <sub>3</sub> ) <sub>1-x</sub> :(CeO <sub>2</sub> ) <sub>x</sub> vertically aligned thin films. <i>CrystEngComm</i> , 2018, 20, 5017-5024.	1.3	4
53	Significantly enhanced energy storage density with superior thermal stability by optimizing Ba(Zr <sub>0.15</sub> Ti <sub>0.85</sub> )O <sub>3</sub> /Ba(Zr <sub>0.35</sub> Ti <sub>0.65</sub> )O <sub>3</sub> multilayer structure. <i>Nano Energy</i> , 2018, 51, 539-545.	8.2	108
54	Low-Voltage Control of (Co/Pt) <sub>x</sub> Perpendicular Magnetic Anisotropy Heterostructure for Flexible Spintronics. <i>ACS Nano</i> , 2018, 12, 7167-7173.	7.3	53

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55	Detecting Electric Dipoles Interaction at the Interface of Ferroelectric and Electrolyte Using Graphene Field Effect Transistors. ACS Applied Materials & Interfaces, 2017, 9, 4244-4252.	4.0	16
56	Modulation of Spin Dynamics via Voltage Control of Spin-Lattice Coupling in Multiferroics. Advanced Functional Materials, 2017, 27, 1605598.	7.8	40
57	Atomic-scale structure and formation of antiphase boundaries in $\text{Li}_{0.5}\text{Fe}_{2.5}\text{O}_4$ thin films on $\text{MgAl}_2\text{O}_4(001)$ substrates. Acta Materialia, 2017, 127, 178-184.	3.8	13
58	Spin-orbital coupling induced four-fold anisotropy distribution during spin reorientation in ultrathin Co/Pt multilayers. Applied Physics Letters, 2017, 110, .	1.5	10
59	ALD preparation of high-k $\text{HfO}_2$ thin films with enhanced energy density and efficient electrostatic energy storage. RSC Advances, 2017, 7, 8388-8393.	1.7	39
60	Multiferroic heterostructures of $\text{Fe}_3\text{O}_4/\text{PMN-PT}$ prepared by atomic layer deposition for enhanced interfacial magnetoelectric couplings. Applied Physics Letters, 2017, 110, .	1.5	21
61	Quantitative Determination on Ionic-Liquid Gating Control of Interfacial Magnetism. Advanced Materials, 2017, 29, 1606478.	11.1	72
62	Perspectives of voltage control for magnetic exchange bias in multiferroic heterostructures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1213-1222.	0.9	28
63	Deterministic Switching of Perpendicular Magnetic Anisotropy by Voltage Control of Spin Reorientation Transition in $(\text{Co/Pt})_3/\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3/\text{PbTiO}_3$ Multiferroic Heterostructures. ACS Nano, 2017, 11, 4337-4345.	7.3	91
64	Microstructure and electrical conductivity of $(\text{Y, Sr})\text{CoO}_3$ thin films tuned by the film-growth temperature. Journal of Alloys and Compounds, 2017, 714, 181-185.	2.8	4
65	Effect of thickness-dependent crystal mosaicity and chemical defect on electric properties in yttrium-stabilized epitaxial $\text{HfO}_2$ thin films. Applied Physics Letters, 2017, 110, 122904.	1.5	3
66	Large Energy Density, Excellent Thermal Stability, and High Cycling Endurance of Lead-Free $\text{BaZr}_{0.2}\text{Ti}_{0.8}\text{O}_3$ Film Capacitors. ACS Applied Materials & Interfaces, 2017, 9, 17096-17101.	4.0	76
67	Ionic-Liquid Gating: Quantitative Determination on Ionic-Liquid Gating Control of Interfacial Magnetism (Adv. Mater. 17/2017). Advanced Materials, 2017, 29, .	11.1	0
68	Ultrahigh Energy Storage Performance of Lead-Free Oxide Multilayer Film Capacitors via Interface Engineering. Advanced Materials, 2017, 29, 1604427.	11.1	247
69	Epitaxial Lift-Off of Centimeter-Scaled Spinel Ferrite Oxide Thin Films for Flexible Electronics. Advanced Materials, 2017, 29, 1702411.	11.1	97
70	Self-Organization of Ions at the Interface between Graphene and Ionic Liquid DEME-TFSI. ACS Applied Materials & Interfaces, 2017, 9, 35437-35443.	4.0	17
71	Voltage control of spin wave resonance in $\text{La}_{0.5}\text{Sr}_{0.5}\text{MnO}_3/\text{PMN-PT}$ (001) multiferroic heterostructures. Applied Physics Letters, 2017, 111, .	1.5	11
72	Ferroelastic Strain-Mediated Nonvolatile Tuning of Perpendicular Magnetic Anisotropy in $(\text{Co/Pt})_3/(\text{Pb}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{-PbTiO}_3$ Multiferroic Heterostructures. IEEE Magnetics Letters, 2017, 8, 1-5.	0.6	3

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73	Advances in Magnetism Epitaxial Multiferroic Heterostructures and Applications. IEEE Transactions on Magnetism, 2017, 53, 1-16.	1.2	13
74	Discovery of Enhanced Magnetolectric Coupling through Electric Field Control of Two-Magnon Scattering within Distorted Nanostructures. ACS Nano, 2017, 11, 9286-9293.	7.3	48
75	Ferroelectric Phase Transition Induced a Large FMR Tuning in Self-Assembled BaTiO <sub>3</sub> :Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> Multiferroic Composites. ACS Applied Materials & Interfaces, 2017, 9, 30733-30740.	4.0	22
76	Voltage-Impulse-Induced Nonvolatile Control of Inductance in Tunable Magnetolectric Inductors. Physical Review Applied, 2017, 7, .	1.5	19
77	Flexible Quasi-Two-Dimensional CoFe <sub>2</sub> O <sub>4</sub> Epitaxial Thin Films for Continuous Strain Tuning of Magnetic Properties. ACS Nano, 2017, 11, 8002-8009.	7.3	111
78	Control of magnetic relaxation by electric-field-induced ferroelectric phase transition and inhomogeneous domain switching. Applied Physics Letters, 2016, 108, .	1.5	8
79	Phase stability and B-site ordering in La <sub>2</sub> NiMnO <sub>6</sub> thin films. Applied Physics Letters, 2016, 109, .	1.5	36
80	Enhanced energy density with a wide thermal stability in epitaxial Pb <sub>0.92</sub> La <sub>0.08</sub> Zr <sub>0.52</sub> Ti <sub>0.48</sub> O <sub>3</sub> thin films. Applied Physics Letters, 2016, 109, .	1.5	45
81	Electrically controlled non-volatile switching of magnetism in multiferroic heterostructures via engineered ferroelastic domain states. NPG Asia Materials, 2016, 8, e316-e316.	3.8	48
82	Controlled Phase and Tunable Magnetism in Ordered Iron Oxide Nanotube Arrays Prepared by Atomic Layer Deposition. Scientific Reports, 2016, 6, 18401.	1.6	14
83	Non-Volatile Ferroelectric Switching of Ferromagnetic Resonance in NiFe/PLZT Multiferroic Thin Film Heterostructures. Scientific Reports, 2016, 6, 32408.	1.6	23
84	The memory effect of magnetolectric coupling in FeGaB/NiTi/PMN-PT multiferroic heterostructure. Scientific Reports, 2016, 6, 20450.	1.6	21
85	Enhanced magnetic properties in epitaxial self-assembled vertically aligned nanocomposite (Pr <sub>0.5</sub> Ba <sub>0.5</sub> MnO <sub>3</sub> ) <sub>0.5</sub> :(CeO <sub>2</sub> ) <sub>0.5</sub> thin films. Journal of Materials Chemistry C, 2016, 4, 10955-10961.	1.7	8
86	Atomic scale investigation of planar defects in 0.95Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> â€“0.05BaTiO <sub>3</sub> thin films on SrTiO <sub>3</sub> (001) substrates. Journal of Alloys and Compounds, 2016, 676, 173-180.	2.8	10
87	Recent advances in multiferroic oxide heterostructures and devices. Journal of Materials Chemistry C, 2016, 4, 234-243.	2.7	87
88	Electric field induced reversible 180Â° magnetization switching through tuning of interfacial exchange bias along magnetic easy-axis in multiferroic laminates. Scientific Reports, 2015, 5, 16480.	1.6	26
89	A wide-band magnetic tunable bandstop filter prototype with FeGaB/Al <sub>2</sub> O <sub>3</sub> multilayer films. Applied Physics Letters, 2015, 107, .	1.5	11
90	Coexisting ferroelectric and magnetic morphotropic phase boundaries in Dy-modified BiFeO <sub>3</sub> -PbTiO <sub>3</sub> multiferroics. Applied Physics Letters, 2015, 107, .	1.5	16

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91	Strain-tunable magnetic properties of epitaxial lithium ferrite thin film on MgAl <sub>2</sub> O <sub>4</sub> substrates. Journal of Materials Chemistry C, 2015, 3, 5598-5602.	2.7	31
92	Atomic layer deposition of superparamagnetic and ferrimagnetic magnetite thin films. Journal of Applied Physics, 2015, 117, .	1.1	20
93	Distance-Dependent Plasmon-Enhanced Fluorescence of Upconversion Nanoparticles using Polyelectrolyte Multilayers as Tunable Spacers. Scientific Reports, 2015, 5, 7779.	1.6	171
94	Growth behavior and RF/microwave properties of low temperature spin-sprayed NiZn ferrite. Journal of Materials Science: Materials in Electronics, 2015, 26, 1890-1894.	1.1	16
95	Voltage Tunable Magnetolectric Inductors With Improved Operational Frequency and Quality Factor for Power Electronics. IEEE Transactions on Magnetics, 2015, 51, 1-5.	1.2	30
96	Probing electric field control of magnetism using ferromagnetic resonance. Nature Communications, 2015, 6, 6082.	5.8	85
97	Interfacial charge-mediated non-volatile magnetolectric coupling in Co <sub>0.3</sub> Fe <sub>0.7</sub> /Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> /Nb:SrTiO <sub>3</sub> multiferroic heterostructures. Scientific Reports, 2015, 5, 7740.	1.6	56
98	Voltage Tuning of Ferromagnetic Resonance and Linewidth in Spinel Ferrite/Ferroelectric Multiferroic Heterostructures. IEEE Magnetics Letters, 2015, 6, 1-4.	0.6	9
99	Preparation and properties of ZrO <sub>2</sub> and TiO <sub>2</sub> films and their nanolaminates by atomic layer deposition. Ceramics International, 2015, 41, S278-S282.	2.3	12
100	Antiferroelectric Materials, Applications and Recent Progress on Multiferroic Heterostructures. Spin, 2015, 05, 1530001.	0.6	27
101	Well-ordered ZnO nanotube arrays and networks grown by atomic layer deposition. Applied Surface Science, 2015, 340, 120-125.	3.1	30
102	Ultra-low temperature epitaxial growth of lithium ferrite thin films by high-pressure sputtering. CrystEngComm, 2015, 17, 8256-8263.	1.3	15
103	Review on nanomaterials synthesized by vapor transport method: growth and their related applications. RSC Advances, 2015, 5, 79249-79263.	1.7	20
104	Novel laminated multiferroic heterostructures for reconfigurable microwave devices. Science Bulletin, 2014, 59, 5180-5190.	1.7	12
105	High quality factor integrated gigahertz magnetic transformers with FeGaB/Al <sub>2</sub> O <sub>3</sub> multilayer films for radio frequency integrated circuits applications. Journal of Applied Physics, 2014, 115, .	1.1	19
106	E-Field Tuned Rotation of Magnetic Anisotropy and Enhanced Microwave Performance in FeCoAlO/PZN/PT Multiferroic Composite Prepared by Composition Gradient Sputtering. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	3
107	Low-temperature spin spray deposited ferrite/piezoelectric thin film magnetolectric heterostructures with strong magnetolectric coupling. Journal of Materials Science: Materials in Electronics, 2014, 25, 1188-1192.	1.1	16
108	Enhanced dielectric nonlinearity in epitaxial Pb <sub>0.92</sub> La <sub>0.08</sub> Zr <sub>0.52</sub> Ti <sub>0.48</sub> O <sub>3</sub> thin films. Applied Physics Letters, 2014, 104, .	1.5	20

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109	Self-assembled ZnO/Ag nanocomposite thin films with enhanced multiple-phonon resonant Raman scattering. <i>Materials Letters</i> , 2014, 115, 172-175.	1.3	4
110	Voltage Control of Metal-insulator Transition and Non-volatile Ferroelastic Switching of Resistance in VOx/PMN-PT Heterostructures. <i>Scientific Reports</i> , 2014, 4, 5931.	1.6	67
111	Quantification of strain and charge co-mediated magnetoelectric coupling on ultra-thin Permalloy/PMN-PT interface. <i>Scientific Reports</i> , 2014, 4, 3688.	1.6	184
112	Growth behaviors and characteristics of low temperature spin-sprayed ZnO and Al-doped ZnO microstructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 2058-2066.	1.1	4
113	Dual H- and E-Field Tunable Multiferroic Bandpass Filter at $\mu\text{K}$ -Band Using Partially Magnetized Spinel Ferrites. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 5485-5488.	1.2	27
114	Non-volatile ferroelastic switching of the Verwey transition and resistivity of epitaxial Fe <sub>3</sub> O <sub>4</sub> /PMN-PT (011). <i>Scientific Reports</i> , 2013, 3, 1876.	1.6	150
115	Voltage-impulse-induced Non-volatile Ferroelastic Switching of Ferromagnetic Resonance for Reconfigurable Magnetoelectric Microwave Devices. <i>Advanced Materials</i> , 2013, 25, 4886-4892.	11.1	202
116	Microwave Frequency Performance and High Magnetic Anisotropy of Nanocrystalline Fe <sub>70</sub> Co <sub>30</sub> -B Films Prepared by Composition Gradient Sputtering. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 1091-1094.	0.9	6
117	Tunable Microwave Frequency Performance of Nanocomposite Co <sub>2</sub> MnSi/PZN-PT Magnetoelectric Coupling Structure. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 1182-1185.	0.9	3
118	Charge transfer and interfacial magnetism in (LaNiO <sub>3</sub> ) <sub>n</sub> /(LaMnO <sub>3</sub> ) <sub>2</sub> superlattices. <i>Physical Review B</i> , 2013, 88, .	1.1	93
119	E-field tuning microwave frequency performance of Co <sub>2</sub> FeSi/lead zinc niobate-lead titanate magnetoelectric coupling composites. <i>Journal of Applied Physics</i> , 2012, 111, 07C705.	1.1	15
120	Voltage impulse induced bistable magnetization switching in multiferroic heterostructures. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	76
121	Microwave Frequency Performance and High Magnetic Anisotropy of $\text{Fe}_{70}\text{Co}_{30}\text{-B}$ Films Prepared by a Modified Composition Gradient Sputtering. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 4313-4316.	1.2	20
122	Electrically induced enormous magnetic anisotropy in Terfenol-D/lead zinc niobate-lead titanate multiferroic heterostructures. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	59
123	Giant Magnetoresistance and Anomalous Magnetic Properties of Highly Epitaxial Ferromagnetic LaBaCo <sub>2</sub> O <sub>5.5+</sub> Thin Films on (001) MgO. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 5524-5528.	4.0	41
124	Interface Engineered BaTiO <sub>3</sub> /SrTiO <sub>3</sub> Heterostructures with Optimized High-Frequency Dielectric Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 5761-5765.	4.0	57
125	Recent advances in synthesis and surface modification of lanthanide-doped upconversion nanoparticles for biomedical applications. <i>Biotechnology Advances</i> , 2012, 30, 1551-1561.	6.0	285
126	Equivalence of direct and converse magnetoelectric coefficients in strain-coupled two-phase systems. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	30



#	ARTICLE	IF	CITATIONS
127	Low moment NiCr radio frequency magnetic films for multiferroic heterostructures with strong magnetoelectric coupling. Journal of Applied Physics, 2012, 111, 103915.	1.1	18
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