

# Xiao-Guang Li

## List of Publications by Year in descending order

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153  
papers

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155  
docs citations

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times ranked

6288  
citing authors

#	ARTICLE	IF	CITATIONS
1	A flexible BiFeO <sub>3</sub> -based ferroelectric tunnel junction memristor for neuromorphic computing. <i>Journal of Materiomics</i> , 2022, 8, 144-149.	2.8	23
2	Sulfur-vacancy-tunable interlayer magnetic coupling in centimeter-scale MoS <sub>2</sub> bilayer. <i>Nano Research</i> , 2022, 15, 881-888.	5.8	5
3	Scalable Polyimide-Poly(Amic Acid) Copolymer Based Nanocomposites for High-Temperature Capacitive Energy Storage. <i>Advanced Materials</i> , 2022, 34, e2101976.	11.1	67
4	High-precision and linear weight updates by subnanosecond pulses in ferroelectric tunnel junction for neuro-inspired computing. <i>Nature Communications</i> , 2022, 13, 699.	5.8	74
5	Improved Working Temperature and Capacitive Energy Density of Biaxially Oriented Polypropylene Films with Alumina Coating Layers. <i>ACS Applied Energy Materials</i> , 2022, 5, 3119-3128.	2.5	28
6	High-Speed Switching and Giant Electroresistance in an Epitaxial Hf <sub>0.5</sub> Zr <sub>0.5</sub> O <sub>2</sub> -Based Ferroelectric Tunnel Junction Memristor. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 1355-1361.	4.0	18
7	Anomalous Structural Evolution and Glassy Lattice in Mixed-Halide Hybrid Perovskites. <i>Small</i> , 2022, 18, e2200847.	5.2	13
8	High-Speed Nanoscale Ferroelectric Tunnel Junction for Multilevel Memory and Neural Network Computing. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 24602-24609.	4.0	8
9	Continuous and fast magneto-ionic control of magnetism in Ta/Co/BiFeO <sub>3</sub> /SrRuO <sub>3</sub> multiferroic heterostructure. <i>Journal of Materiomics</i> , 2022, 8, 1141-1148.	2.8	3
10	Reversible optical control of the metal-insulator transition across the epitaxial heterointerface of a VO <sub>2</sub> /Nb:TiO <sub>2</sub> junction. <i>Science China Materials</i> , 2021, 64, 1687-1702.	3.5	4
11	Large-Area Crystalline Zeolitic Imidazolate Framework Thin Films. <i>Angewandte Chemie</i> , 2021, 133, 14243-14249.	1.6	4
12	Large-Area Crystalline Zeolitic Imidazolate Framework Thin Films. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14124-14130.	7.2	30
13	Designing polymer nanocomposites with high energy density using machine learning. <i>Npj Computational Materials</i> , 2021, 7, .	3.5	39
14	Insights into superconductivity of LaO from experiments and first-principles calculations. <i>Physical Review B</i> , 2021, 104, .	1.1	2
15	Direct Observation of Interface-Dependent Multidomain State in the BaTiO <sub>3</sub> Tunnel Barrier of a Multiferroic Tunnel Junction Memristor. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43641-43647.	4.0	4
16	Efficient Parallel Multi-Bit Logic-in-Memory Based on a Ultrafast Ferroelectric Tunnel Junction Memristor. <i>Advanced Electronic Materials</i> , 2021, 7, 2000988.	2.6	12
17	Positive-to-negative subthreshold swing of a MOSFET tuned by the ferroelectric switching dynamics of BiFeO <sub>3</sub> . <i>NPG Asia Materials</i> , 2021, 13, .	3.8	3
18	Improved energy storage performance of nanocomposites with Bi <sub>4</sub> . <sub>2</sub> K <sub>0.8</sub> Fe <sub>2</sub> O <sub>9</sub> + $\gamma$ nanobelts. <i>Journal of Materiomics</i> , 2020, 6, 371-376.	2.8	12

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19	Nonvolatile ZnO-Based Ferroelectric Field Effect Transistors for Active-Matrix Organic Light-Emitting Diode Display. <i>IEEE Electron Device Letters</i> , 2020, 41, 42-45.	2.2	9
20	Distinct superconducting properties and hydrostatic pressure effects in 2D $\text{Hf}$ - and $\text{Zr}$ -Mo <sub>2</sub> C crystal sheets. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	10
21	Enhanced thermoelectric efficiency in nanocrystalline bismuth telluride nanotubes. <i>Nanotechnology</i> , 2020, 31, 365703.	1.3	4
22	Negatively Charged Nanosheets Significantly Enhance the Energy Storage Capability of Polymer-Based Nanocomposites. <i>Advanced Materials</i> , 2020, 32, e1907227.	11.1	156
23	Enhancement of ferroelectric performance in PVDF:Fe <sub>3</sub> O <sub>4</sub> nanocomposite based organic multiferroic tunnel junctions. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	19
24	Sub-nanosecond memristor based on ferroelectric tunnel junction. <i>Nature Communications</i> , 2020, 11, 1439.	5.8	163
25	BiFeO <sub>3</sub> -Based Flexible Ferroelectric Memristors for Neuromorphic Pattern Recognition. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1081-1089.	2.0	52
26	Temperature dependence of transport mechanisms in organic multiferroic tunnel junctions. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 325301.	1.3	2
27	Photovoltaic effect and photo-assisted diode behavior in Pt/BiFeO <sub>3</sub> /Nb-doped SrTiO <sub>3</sub> heterojunction. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2020, 69, 127301.	0.2	3
28	Laser-induced transverse voltage in (111)-oriented TiO <sub>1+x</sub> epitaxial thin films with cubic structure. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	4
29	Nonvolatile Control of the Electronic Properties of In <sub>2-x</sub> CrxO <sub>3</sub> Semiconductor Films by Ferroelectric Polarization Charge. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 32449-32459.	4.0	6
30	Epoxy-Based Ceramic-Polymer Composite with Excellent Millimeter-Wave Broadband Absorption Properties by Facile Approach. <i>Advanced Engineering Materials</i> , 2019, 21, 1900981.	1.6	9
31	Room-Temperature Reversible and Nonvolatile Tunability of Electrical Properties of Cr-Doped In <sub>2</sub> O <sub>3</sub> Semiconductor Thin Films Gated by Ferroelectric Single Crystal and Ionic Liquid. <i>Advanced Electronic Materials</i> , 2019, 5, 1900212.	2.6	8
32	Electronic Transport Evidence for Topological Nodal-Line Semimetals of ZrGeSe Single Crystals. <i>ACS Applied Electronic Materials</i> , 2019, 1, 869-876.	2.0	26
33	Manipulation of the Electronic Transport Properties of Charge-Transfer Oxide Thin Films of $\text{Nd}_x\text{Ni}_y\text{O}_3$ Using Static and Electric Field Controllable Dynamic Lattice Strain. <i>Physical Review Applied</i> , 2019, 11, .	1.5	12
34	Beating the exclusion rule against the coexistence of robust luminescence and ferromagnetism in chalcogenide monolayers. <i>Nature Communications</i> , 2019, 10, 1584.	5.8	58
35	Nonvolatile and Reversible Ferroelectric Control of Electronic Properties of Bi <sub>2</sub> Te <sub>3</sub> Topological Insulator Thin Films Grown on Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> PbTiO <sub>3</sub> Single Crystals. <i>ACS Applied Materials &amp; Interfaces</i> . 2019, 11, 9548-9556.	4.0	15
36	Structure and transport properties of titanium oxide (Ti <sub>2</sub> O, TiO <sub>1+x</sub> , and Ti <sub>3</sub> O <sub>5</sub> ) thin films. <i>Journal of Alloys and Compounds</i> , 2019, 786, 607-613.	2.8	23

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37	Nonvolatile Memory: Ultrafast Multilevel Switching in Au/YIG/n <sup>+</sup> Si RRAM (Adv. Electron. Mater. 2/2019). Advanced Electronic Materials, 2019, 5, 1970008.	2.6	3
38	Quantum Griffiths singularities in TiO superconducting thin films with insulating normal states. NPC Asia Materials, 2019, 11, .	3.8	10
39	Magnetoelastic anisotropy of antiferromagnetic materials. Applied Physics Letters, 2019, 115, .	1.5	12
40	Ultrafast Multilevel Switching in Au/YIG/n <sup>+</sup> Si RRAM. Advanced Electronic Materials, 2019, 5, 1800418.	2.6	18
41	Positive and negative magnetoresistances in Co/Cu/Ni spin-valves. Materials Letters, 2019, 240, 124-127.	1.3	5
42	Effect of Charge Localization on the Effective Hyperfine Interaction in Organic Semiconducting Polymers. Physical Review Letters, 2018, 120, 086602.	2.9	32
43	Direct imaging of cross-sectional magnetization reversal in an exchange-biased CoFeB/IrMn bilayer. Physical Review B, 2018, 97, .	1.1	11
44	Extreme magnetoresistance and SdH oscillation in compensated semimetals of NbSb <sub>2</sub> single crystals. Journal of Applied Physics, 2018, 123, .	1.1	11
45	Controlling the anomalous Hall effect by electric-field-induced piezo-strain in Fe <sub>40</sub> Pt <sub>60</sub> (001)-Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.67</sub> Ti <sub>0.33</sub> O <sub>3</sub> multiferroic heterostructures. Applied Physics Letters, 2018, 112, .	1.5	7
46	Solid-State Synapse Based on Magnetoelectrically Coupled Memristor. ACS Applied Materials & Interfaces, 2018, 10, 5649-5656.	4.0	55
47	A High-Speed and Low-Power Multistate Memory Based on Multiferroic Tunnel Junctions. Advanced Electronic Materials, 2018, 4, 1700560.	2.6	45
48	Quasi-two-dimensional vortex-glass transition and the critical current density in TiO epitaxial thin films. Superconductor Science and Technology, 2018, 31, 015016.	1.8	6
49	Enabling magnetoelastic coupling in Ni/VO <sub>2</sub> heterostructure by structural phase transition. Journal of Materials Science: Materials in Electronics, 2018, 29, 2561-2567.	1.1	5
50	Atomic-scale mapping of interface reconstructions in multiferroic heterostructures. Applied Physics Reviews, 2018, 5, .	5.5	23
51	Electric-field-controllable nonvolatile multilevel resistance switching of Bi <sub>0.93</sub> Sb <sub>0.07</sub> /PMN-0.29PT(111) heterostructures. Applied Physics Letters, 2018, 113, 223504.	1.5	3
52	Reversible and nonvolatile manipulation of the electronic transport properties of topological insulators by ferroelectric polarization switching. Npj Quantum Materials, 2018, 3, .	1.8	19
53	Integration of Oxide Semiconductor Thin Films with Relaxor-Based Ferroelectric Single Crystals with Large Reversible and Nonvolatile Modulation of Electronic Properties. ACS Applied Materials & Interfaces, 2018, 10, 32809-32817.	4.0	21
54	Ferroelectric domain switching dynamics and memristive behaviors in BiFeO <sub>3</sub> -based magnetolectric heterojunctions. Journal Physics D: Applied Physics, 2018, 51, 234005.	1.3	15

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55	Quantum superconductor-insulator transition in titanium monoxide thin films with a wide range of oxygen contents. <i>Physical Review B</i> , 2018, 98, .	1.1	14
56	Direct observation of ferroelectricity in Ca <sub>3</sub> Mn <sub>2</sub> O <sub>7</sub> and its prominent light absorption. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	51
57	Quenching of Spin Polarization Switching in Organic Multiferroic Tunnel Junctions by Ferroelectric $\pi$ -Channel in Organic Barrier. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 30614-30622.	4.0	14
58	Electric-Field-Controlled Nonvolatile Magnetization Rotation and Magnetoresistance Effect in Co/Cu/Ni Spin Valves on Piezoelectric Substrates. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 21390-21397.	4.0	12
59	Reversible and nonvolatile ferroelectric control of two-dimensional electronic transport properties of ZrCuSiAs-type copper oxyselenide thin films with a layered structure. <i>Physical Review Materials</i> , 2018, 2, .	0.9	7
60	Large magnetoelectric effect in organic ferroelectric copolymer-based multiferroic tunnel junctions. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	20
61	Facile synthesis of various epitaxial and textured polymorphs of vanadium oxide thin films on the (0006)-surface of sapphire substrates. <i>RSC Advances</i> , 2017, 7, 22341-22346.	1.7	19
62	Ultrahigh Energy Density in SrTiO <sub>3</sub> Film Capacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 20484-20490.	4.0	100
63	Structure Evolution and Multiferroic Properties in Cobalt Doped Bi <sub>4</sub> NdTi <sub>3</sub> Fe <sub>1-x</sub> CoxO <sub>15</sub> -Bi <sub>3</sub> NdTi <sub>2</sub> Fe <sub>1-x</sub> CoxO <sub>12</sub> - $\gamma$ Intergrowth Aurivillius Compounds. <i>Scientific Reports</i> , 2017, 7, 43540.	1.6	19
64	Integration of c-axis oriented Bi <sub>3.15</sub> Nd <sub>0.85</sub> Ti <sub>2.95</sub> Hf <sub>0.05</sub> O <sub>12</sub> /La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> ferromagnetic-ferroelectric composite film on Si substrate. <i>Scientific Reports</i> , 2017, 7, 11341.	1.6	13
65	Hydrostatic pressure effect on the transport properties in TiO superconducting thin films. <i>Physical Review B</i> , 2017, 96, .	1.1	9
66	Enhanced superconductivity in TiO epitaxial thin films. <i>Npj Quantum Materials</i> , 2017, 2, .	1.8	53
67	Electric-field control of magnetic anisotropy rotation in multiferroic Ni <sub>2</sub> (O <sub>11</sub> )-Pb(Mg <sub>2</sub> /3Nb <sub>1</sub> /3)O <sub>7</sub> Ti <sub>0.3</sub> O <sub>3</sub> heterostructures. <i>Journal of Applied Physics</i> , 2017, 122, .	1.1	5
68	Engineering of Spin Injection and Spin Transport in Organic Spin Valves Using $\pi$ -Conjugated Polymer Brushes. <i>Advanced Functional Materials</i> , 2016, 26, 3999-4006.	7.8	36
69	Suppression of Structural Phase Transition in VO <sub>2</sub> by Epitaxial Strain in Vicinity of Metal-insulator Transition. <i>Scientific Reports</i> , 2016, 6, 23119.	1.6	102
70	Curvature-enhanced Spin-orbit Coupling and Spinterface Effect in Fullerene-based Spin Valves. <i>Scientific Reports</i> , 2016, 6, 19461.	1.6	46
71	Electric-field-controlled nonvolatile magnetic switching and resistive change in La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> /0.7Pb(Mg <sub>1</sub> /3Nb <sub>2</sub> /3)O <sub>3</sub> -0.3PbTiO <sub>3</sub> (011) heterostructure at room temperature. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	12
72	Interfacial Ion Intermixing Effect on Four-Resistance States in La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> /BaTiO <sub>3</sub> /La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> Multiferroic Tunnel Junctions. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 10422-10429.	1.1	23

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73	Ferroelectric Control of Organic/Ferromagnetic Spinterface. <i>Advanced Materials</i> , 2016, 28, 10204-10210.	11.1	55
74	Semiconductor/Piezoelectrics Hybrid Heterostructures with Highly Effective Gate-Tunable Electrotransport and Magnetic Behaviors. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 26932-26937.	4.0	19
75	Phase transitions in a frustrated biquadratic Heisenberg model with coupled orbital degrees of freedom for iron-based superconductors. <i>Physical Review B</i> , 2016, 93, .	1.1	5
76	Robustness of topological surface states against strong disorder observed in $Bi_2Te_3$ nanotubes. <i>Physical Review B</i> , 2016, 93, .	1.1	18
77	Quantifying electric-field control of magnetization rotation in Ni/SiO <sub>2</sub> /Ti(011)-PMN-PT multiferroic heterostructures via anisotropic magnetoresistance measurements. <i>Materials Letters</i> , 2016, 169, 110-113.	1.3	18
78	Enhanced thermoelectric performance of $\hat{I}^2$ -Zn <sub>4</sub> Sb <sub>3</sub> based nanocomposites through combined effects of density of states resonance and carrier energy filtering. <i>Scientific Reports</i> , 2015, 5, 17803.	1.6	58
79	Octonary Resistance States in $La_{0.7}Sr_{0.3}MnO_3/BaTiO_3/La_{0.7}Sr_{0.3}MnO_3$ Multiferroic Tunnel Junctions. <i>Advanced Electronic Materials</i> , 2015, 1, 1500183.	1.1	24
80	Full Quantum Theory of Molecular Hot-Electroluminescence in Scanning Tunneling Microscope Tunnel Junctions. <i>Chinese Journal of Chemical Physics</i> , 2015, 28, 552-556.	0.6	7
81	Multiferroic tunnel junctions and ferroelectric control of magnetic state at interface (invited). <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	26
82	Multiferroic properties of the layered perovskite-related oxide $La_6(Ti_{0.67}Fe_{0.33})_6O_{20}$ . <i>Journal of Materials Chemistry C</i> , 2015, 3, 4482-4489.	2.7	16
83	Resistance switching of epitaxial VO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> heterostructure at room temperature induced by organic liquids. <i>AIP Advances</i> , 2015, 5, 037114.	0.6	16
84	Effects of Interface Layers and Domain Walls on the Ferroelectric-Resistive Switching Behavior of $Au/BiFeO_3/La_{0.6}Sr_{0.4}MnO_3$ Heterostructures. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 26036-26042.	4.0	24
85	Ultrahigh Tunability of Room Temperature Electronic Transport and Ferromagnetism in Dilute Magnetic Semiconductor and PMN-PT Single-Crystal-Based Field Effect Transistors via Electric Charge Mediation. <i>Advanced Functional Materials</i> , 2015, 25, 1111-1119.	7.8	44
86	Electric-field control of non-volatile magnetization switching without external-magnetic-field bias in CoFeB/(011)-PMN-0.3PT heterostructures. <i>Europhysics Letters</i> , 2015, 109, 17008.	0.7	6
87	Effect of injected spins with different polarized orientations on the vortex phase transition in $La_{0.7}Sr_{0.3}MnO_3/La_{1.85}Sr_{0.15}CuO_4$ heterostructure. <i>Journal of Applied Physics</i> , 2015, 117, 17E118.	1.1	1
88	Enhancement of thermoelectric performance of $\hat{I}^2$ -Zn <sub>4</sub> Sb <sub>3</sub> through resonant distortion of electronic density of states doped with Gd. <i>Journal of Materials Chemistry A</i> , 2015, 3, 11768-11772.	5.2	22
89	Surface-growth-mode-induced strain effects on the metal-insulator transition in epitaxial vanadium dioxide thin films. <i>RSC Advances</i> , 2015, 5, 80122-80128.	1.7	42
90	Piezostain-enhanced photovoltaic effects in $BiFeO_3/La_{0.7}Sr_{0.3}MnO_3/PMN-PT$ heterostructures. <i>Nano Energy</i> , 2015, 18, 315-324.	8.2	47

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91	Angle-resolved vortex glass transition and pinning properties in BaFe <sub>1.8</sub> Co <sub>0.2</sub> As <sub>2</sub> single crystals. Journal of Applied Physics, 2015, 117, 173901.	1.1	10
92	Multiferroic heterostructures and tunneling junctions. Journal of Materiomics, 2015, 1, 263-284.	2.8	29
93	Multiferroic properties of hexagonal Ba <sub>3</sub> Ti <sub>2</sub> MnO <sub>9</sub> . RSC Advances, 2015, 5, 101544-101551.	1.7	4
94	Reentrant paramagnetism induced by drastic reduction of magnetic couplings at surfaces of superparamagnetic nanoparticles. Physical Review B, 2014, 90, .	1.1	9
95	Influence of spin injection on the critical current density in La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> /La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> heterostructure. AIP Advances, 2014, 4, 127138.	0.6	2
96	Rare case of magnetic double perovskite Ag <sub>2</sub> Cs <sub>2</sub> Mn <sub>2</sub> O <sub>10</sub> . Applied Physics Letters, 2014, 104, 052902.	1.1	7
97	Intrinsic and quantitative effects of in-plane strain on ferroelectric properties of Mn-doped BiFeO <sub>3</sub> epitaxial films by in situ inducing strain in substrates. Applied Physics Letters, 2014, 104, 052902.	1.5	14
98	Non-volatile 180° Magnetization Reversal by an Electric Field in Multiferroic Heterostructures. Advanced Materials, 2014, 26, 7091-7095.	11.1	115
99	Low-temperature heat transport of Nd <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> single crystals. Physical Review B, 2014, 90, .	1.1	5
100	Tunable interface strain coupling and its impact on the electronic transport and magnetic properties of La <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> . Applied Physics Letters, 2014, 104, 043507.	1.1	33
101	Effects of magnetic electrode on the ferroelectric properties in heteroepitaxial BiFeO <sub>3</sub> /La <sub>0.625</sub> Ca <sub>0.375</sub> MnO <sub>3</sub> thin films. Journal of Applied Physics, 2014, 115, 094504.	1.1	6
102	Coexistence of four resistance states and exchange bias in La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> /BiFeO <sub>3</sub> /La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> multiferroic tunnel junction. Applied Physics Letters, 2014, 104, 043507.	1.5	35
103	Colossal anisotropic resistivity and oriented magnetic domains in strained La <sub>0.325</sub> Pr <sub>0.3</sub> Ca <sub>0.375</sub> MnO <sub>3</sub> films. Applied Physics Letters, 2014, 104, 203501.	1.5	11
104	Dimensionality-induced insulator-metal crossover in layered nickelates La <sub>1-n</sub> Ni <sub>n</sub> O <sub>2</sub> (n = 2, 3, and ∞). AIP Advances, 2014, 4, .	0.6	15
105	Ground state and magnetic phase transitions of orthoferrite DyFeO <sub>3</sub> . Physical Review B, 2014, 89, .		
106	Room-temperature ferromagnetism in Cu-implanted 6H-SiC single crystal. Applied Physics Letters, 2013, 102, .	1.5	20
107	Manipulation of morphologies and magnetic properties for Bi <sub>4.2</sub> K <sub>0.8</sub> Fe <sub>2</sub> O <sub>9</sub> + $\hat{\Gamma}$ nanostructures. CrystEngComm, 2013, 15, 9057.	1.3	1
108	Enhanced tunnelling electroresistance effect due to a ferroelectrically induced phase transition at a magnetic complex oxide interface. Nature Materials, 2013, 12, 397-402.	13.3	283

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109	Spin diffusion in fullerene-based devices: Morphology effect. Physical Review B, 2013, 87, .	1.1	49
110	Effects of ferroelectric-poling-induced strain on magnetic and transport properties of La <sub>0.67</sub> Ba <sub>0.33</sub> MnO <sub>3</sub> thin films grown on (111)-oriented ferroelectric substrates. Applied Physics Letters, 2013, 103, .	1.5	18
111	Piezo-strain induced non-volatile resistance states in (011)-La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> /0.7Pb(Mg <sub>2/3</sub> Nb <sub>1/3</sub> )O <sub>3</sub> -0.3PbTiO <sub>3</sub> epitaxial heterostructures. Applied Physics Letters, 2013, 102, .	1.5	37
112	Coupling of magnetic field and lattice strain and its impact on electronic phase separation in La <sub>0.335</sub> Pr <sub>0.335</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> /ferroelectric crystal heterostructures. Applied Physics Letters, 2013, 103, .	1.5	22
113	Microstructural phase separation related in-plane fourfold symmetric superconductivity in K <sub>0.8</sub> Fe <sub>1.65</sub> Se <sub>2</sub> crystals. Applied Physics Letters, 2013, 102, .	1.5	8
114	Effects of ferroelectric polarization switching on the electronic transport and magnetic properties of La <sub>0.8</sub> Ce <sub>0.2</sub> MnO <sub>3</sub> epitaxial thin films. Journal of Applied Physics, 2013, 114, 073904.	1.1	3
115	Effect of injected spins with different polarized orientations on the superconductivity of La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> /La <sub>1.85</sub> Sr <sub>0.15</sub> CuO <sub>4</sub> thin films. Applied Physics Letters, 2013, 103, .	1.5	5
116	Tunable dielectric properties in Mn-doped LuFe <sub>2</sub> O <sub>4</sub> system. Journal of Materials Research, 2012, 27, 922-927.	1.2	6
117	Coaction and competition between the ferroelectric field effect and the strain effect in Pr <sub>0.5</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> film/0.67Pb(Mg <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> -0.33PbTiO <sub>3</sub> crystal heterostructures. Applied Physics Letters, 2012, 101, .	1.5	23
118	Multi-state resistive switching memory with secure information storage in Au/BiFe <sub>0.95</sub> Mn <sub>0.05</sub> O <sub>3</sub> /La <sub>5/8</sub> Ca <sub>3/8</sub> MnO <sub>3</sub> heterostructure. Applied Physics Letters, 2012, 100, .	1.5	30
119	Effect of magnetic field on ferroelectric properties of BiFeO <sub>3</sub> /La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> heterostructure. Applied Physics Letters, 2012, 100, .	1.1	25
120	Large anisotropic remnant magnetization tunability in (011)-La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> /0.7Pb(Mg <sub>2/3</sub> Nb <sub>1/3</sub> )O <sub>3</sub> -0.3PbTiO <sub>3</sub> multiferroic epitaxial heterostructures. Applied Physics Letters, 2012, 100, .	1.5	54
121	Field dependency of magnetoelectric coupling in multilayered nanocomposite arrays: Possible contribution from surface spins. Applied Physics Letters, 2012, 101, .	1.5	10
122	Multiferroic tunnel junctions. Frontiers of Physics, 2012, 7, 380-385.	2.4	41
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