Shuai Dong

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5703021/publications.pdf

Version: 2024-02-01

286 papers	9,740 citations	50276 46 h-index	51608 86 g-index
293 all docs	293 docs citations	293 times ranked	10616 citing authors

#	Article	IF	Citations
1	Stability and low-energy orientations of interphase boundaries in multiaxial ferroelectrics: Phase-field simulations. Physical Review B, 2022, 105, .	3.2	3
2	Vector vorticity of skyrmionic texture: An internal degree of freedom tunable by magnetic field. Physical Review B, 2022, 105, .	3.2	5
3	Two-dimensional ferroelectricity induced by octahedral rotation distortion in perovskite oxides. Physical Review B, 2022, 105, .	3.2	10
4	Direct Evidence for an Intermediate Multiferroic Phase in LiCuFe₂(VO₄)₃. Inorganic Chemistry, 2022, 61, 944-949.	4.0	1
5	Structural reconstruction and anisotropic conductance in 4f-ferromagnetic monolayer. Materials Today Physics, 2022, 24, 100693.	6.0	4
6	Magnetic phase transition induced ferroelectric polarization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaFeF</mml:mi><mml:mn>4</mml:mn></mml:msub></m with room-temperature weak ferromagnetism. Physical Review Materials, 2022, 6, .	2.4	1
7	Gadolinium Halide Monolayers: A Fertile Family of Two-Dimensional 4f Magnets. ACS Applied Electronic Materials, 2022, 4, 3168-3176.	4.3	9
8	Ferroelectric â€œgourdâ€•goes into vdW atomic cage. Frontiers of Physics, 2021, 16, 1.	5.0	0
9	Quantum spin Hall insulators and topological Rashba-splitting edge states in two-dimensional CX₃ (X = Sb, Bi). Physical Chemistry Chemical Physics, 2021, 23, 2134-2140.	2.8	7
10	Manipulation of Magnetic Domain Walls by Ferroelectric Switching: Dynamic Magnetoelectricity at the Nanoscale. Physical Review Letters, 2021, 126, 117603.	7.8	19
11	Peierls transition driven ferroelasticity in the two-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>d</mml:mi><mml:mtext>â^’</mml:mtext><mml:mi>f</ hybrid magnets. Physical Review B, 2021, 103, .	3.2	24
12	A DFT study of NO2 and SO2 gas-sensing properties of InX (Xâ€‰=â€‰Cl, Br and I) monolayers. Journal of Materials Science, 2021, 56, 11828-11837.	3.7	12
13	Noncollinear ferrielectricity and morphotropic phase boundary in monolayer GeS. Physical Review B, 2021, 103, .	3.2	14
14	Two-dimensional metallic BP as anode material for lithium-ion and sodium-ion batteries with unprecedented performance. Journal of Materials Science, 2021, 56, 13763-13771.	3.7	12
15	Magnetic structure and multiferroicity of Sc-substituted hexagonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Yb</mml:mi><mml:mi>Fe</mml:mi><mml:msub><mml mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	3.2	11
16	Ferroelectric control of a spin-polarized two-dimensional electron gas. Physical Review B, 2021, 103, .	3.2	8
17	Ferroelectricity in strained <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Hf</mml:mi><mml:mn>2</mml:mn></mml:msub></mml monolayer. Physical Review Materials, 2021, 5, .	2.4	11
18	Giant Bulk Photostriction and Accurate Photomechanical Actuation in Hybrid Perovskites. Advanced Optical Materials, 2021, 9, 2100837.	7.3	12

#	Article	IF	Citations
19	Effect of Ti doping on electronic and magnetic properties of Sm0.55Sr0.45Mn1- xTixO3 (0.0â€‰â‰¤â€‰xâ€‰â‰¤â€‰0.2). Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	3
20	Phase competition and negative piezoelectricity in interlayer-sliding ferroelectric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Zr</mml:mi><mml:msub><mml:mi mathvariant="normal">I</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2021, 5, .	2.4	18
21	Multiferroic properties of oxygen-functionalized magnetic i-MXene. Physical Review Materials, 2021, 5, .	2.4	13
22	Spin-constrained optoelectronic functionality in two-dimensional ferromagnetic semiconductor heterojunctions. Materials Horizons, 2021, 8, 1323-1333.	12.2	11
23	Manipulation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>J</mml:mi><mml:mi>eff</mml:mi></mml:msub><mml:ms width="4pt" /><mml:mo>=</mml:mo><mml:mspace width="4pt" /><mml:mfrac><mml:mn>3</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math> states by tuning the tetragonal distortion. Physical Review B, 2021, 104, .	3.2	3
24	Electronic Transport Properties of Nb_{1â€“x}Ta_xSb₂ Single-Crystal Semimetals Grown by a Chemical Vapor Transport Based High-Throughput Method. Crystal Growth and Design, 2021, 21, 653-662.	3.0	5
25	Impact of Hg doping on structural, electronic, magnetic, and thermal properties of Nd0.80Sr0.20â^'Hg CoO3 (0.0 â‰¤ x â‰¤ 0.15). Ceramics International, 2021, , .	4.8	0
26	Anomalous polarization switching and permanent retention in a ferroelectric ionic conductor. Materials Horizons, 2020, 7, 263-274.	12.2	88
27	Ferroelectricity and ferromagnetism in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>VO</mml:mi><mml:msub><mml:mi mathvariant="normal">I</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> monolayer: Role of the Dzyaloshinskii-Moriya interaction. Physical Review B, 2020, 102, .	3.2	37
28	Prediction of two-dimensional ferromagnetic ferroelectric VOF2 monolayer. Physical Chemistry Chemical Physics, 2020, 22, 24109-24115.	2.8	27
29	Magnetotransport properties of square-net compounds of NbSiSb and NbGeSb single crystals. Journal of Physics Condensed Matter, 2020, 32, 435701.	1.8	3
30	Ferroic orders in two-dimensional transition/rare-earth metal halides. APL Materials, 2020, 8, .	5.1	27
31	Direct visualization of irreducible ferrielectricity in crystals. Npj Quantum Materials, 2020, 5, .	5.2	9
32	Data-driven computational prediction and experimental realization of exotic perovskite-related polar magnets. Npj Quantum Materials, 2020, 5, .	5.2	14
33	Strong tuning of magnetism and electronic structure by spin orientation. Physical Review B, 2020, 102, .	3.2	6
34	Similarities and differences between nickelate and cuprate films grown on a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> substrate. Physical Review B, 2020, 102, .	3.2	30
35	Nonmonotonic crossover in electronic phase separated manganite superlattices driven by the superlattice period. Physical Review B, 2020, 102, .	3.2	6
36	Pressure-induced ferroelectric phase of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaMoN</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2020, 102, .	3.2	11

#	Article	IF	Citations
37	First-principles study of the low-temperature charge density wave phase in the quasi-one-dimensional Weyl chiral compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mi>TaSe</mml:mi><mml:mi mathvariant="normal">I</mml:mi></mml:msub></mml:mrow><mml:mo>)</mml:mo></mml:math>. Physical Review B, 2020, 101, .	3.2	36
38	Antiferromagnetism of Double Molybdate LiFe(MoO₄)₂. Inorganic Chemistry, 2020, 59, 8127-8133.	4.0	8
39	Prediction of a two-dimensional high-T_C f-electron ferromagnetic semiconductor. Materials Horizons, 2020, 7, 1623-1630.	12.2	141
40	Iron telluride ladder compounds: Predicting the structural and magnetic properties of BaFe2Te3. Physical Review B, 2020, 101, .	3.2	20
41	Controlling the helicity of magnetic skyrmions by electrical field in frustrated magnets. New Journal of Physics, 2020, 22, 083032.	2.9	23
42	Stability, electronic, and optical properties of lead-free halide double perovskites <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mm		

#	Article	IF	Citations
55	Origin of giant negative piezoelectricity in a layered van der Waals ferroelectric. Science Advances, 2019, 5, eaav3780.	10.3	157
56	Pulsed Laser Deposition of CsPbBr₃ Films for Application in Perovskite Solar Cells. ACS Applied Energy Materials, 2019, 2, 2305-2312.	5.1	46
57	A 0D Leadâ€Free Hybrid Crystal with Ultralow Thermal Conductivity. Advanced Functional Materials, 2019, 29, 1809166.	14.9	32
58	Magnetoelectricity in multiferroics: a theoretical perspective. National Science Review, 2019, 6, 629-641.	9.5	129
59	Anisotropic resistance switching in hexagonal manganites. Physical Review B, 2019, 99, .	3.2	13
60	Tuning Magnetism in Layered Magnet VI₃: A Theoretical Study. Journal of Physical Chemistry C, 2019, 123, 30545-30550.	3.1	37
61	Oxidized Silicon Sulfide: Stability and Electronic Properties of a Novel Two-Dimensional Material. Journal of Physical Chemistry C, 2019, 123, 29986-29993.	3.1	2
62	Magnetic states of iron-based two-leg ladder tellurides. Physical Review B, 2019, 100, .	3.2	20
63	Influence of drying temperature on morphology of MAPbI3 thin films and the performance of solar cells. Journal of Alloys and Compounds, 2019, 773, 511-518.	5.5	24
64	Hidden metal-insulator transition in manganites synthesized via a controllable oxidation. Science China Materials, 2019, 62, 577-585.	6.3	9
65	Quasi-one-dimensional ferroelectricity and piezoelectricity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>WO</mml:mi><mml:msub><mml:mi>X</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> halogens. Physical Review Materials, 2019, 3, .	2.4	24
66	Robust manipulation of magnetism in LaAO₃/BaTiO₃ (A = Fe, Mn) Tj ETQq0 0 0 rgBT /Overlock	2.2	10
67	Ab initio understanding of magnetic properties in Zn2+ substitution of Fe3O4 ultra-thin film with dilute Zn substitution. AIP Advances, 2018, 8, .	1.3	4
68	Revealing Controllable Anisotropic Magnetoresistance in Spinâ€“Orbit Coupled Antiferromagnet Sr₂IrO₄. Advanced Functional Materials, 2018, 28, 1706589.	14.9	33
69	Surface Vacancy-Induced Switchable Electric Polarization and Enhanced Ferromagnetism in Monolayer Metal Trihalides. Nano Letters, 2018, 18, 2943-2949.	9.1	157
70	Extreme magnetoresistance and SdH oscillation in compensated semimetals of NbSb2 single crystals. Journal of Applied Physics, 2018, 123, .	2.5	11
71	Proton transfer ferroelectricity/multiferroicity in rutile oxyhydroxides. Nanoscale, 2018, 10, 9509-9515.	5.6	13
72	Sequential structural and antiferromagnetic transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> under pressure. Physical Review B, 2018, 97, .	3.2	46

#	Article	IF	Citations
73	Synthesis of Wurtzite Cu2ZnSnS4 Nanosheets with Exposed High-Energy (002) Facets for Fabrication of Efficient Pt-Free Solar Cell Counter Electrodes. Scientific Reports, 2018, 8, 248.	3.3	30
74	Large enhancement of upconversion luminescence in Er3+/In3+:Ba0.85Ca0.15TiO3 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 9007-9015.	2.2	5
75	Orthorhombic Ti₂O₃: A Polymorphâ€Dependent Narrowâ€Bandgap Ferromagnetic Oxide. Advanced Functional Materials, 2018, 28, 1705657.	14.9	36
76	Possible Origin of the Absence of Magnetic Order in LiOsO₃: Spinâ€“Orbit Coupling Controlled Ground State. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800396.	2.4	6
77	Unusual Ferroelectricity of Trans-Unitcell Ion-Displacement and Multiferroic Soliton in Sodium and Potassium Hydroxides. ACS Applied Materials & Interfaces, 2018, 10, 35361-35366.	8.0	10
78	Inâ€Plane Ferroelectricity in Thin Flakes of Van der Waals Hybrid Perovskite. Advanced Materials, 2018, 30, e1803249.	21.0	76
79	Electron mass enhancement and magnetic phase separation near the Mott transition in double-layer ruthenates. Frontiers of Physics, 2018, 13, 1.	5.0	3
80	Depth-dependent atomic valence determination by synchrotron techniques. Journal of Synchrotron Radiation, 2018, 25, 1711-1718.	2.4	0
81	Structural transitions in hybrid improper ferroelectric <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">T</mml:mi><mml:msub><mml:mi mathvariant="normal">i</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">	3.2	18
82	Visualization of Electronic Multiple Ordering and Its Dynamics in High Magnetic Field: Evidence of Electronic Multiple Ordering Crystals. ACS Applied Materials & Interfaces, 2018, 10, 20136-20141.	8.0	6
83	Dynamics of distorted skyrmions in strained chiral magnets. New Journal of Physics, 2018, 20, 063050.	2.9	10
84	Unexpected Intermediate State Photoinduced in the Metal-Insulator Transition of Submicrometer Phase-Separated Manganites. Physical Review Letters, 2018, 120, 267202.	7.8	22
85	Promoting polysulfide redox reactions and improving electronic conductivity in lithiumâ€“sulfur batteries via hierarchical cathode materials of graphene-wrapped porous TiO₂ microspheres with exposed (001) facets. Journal of Materials Chemistry A, 2018, 6, 16574-16582.	10.3	47
86	Persistent Large Anisotropic Magnetoresistance and Insulator-to-Metal Transition in Spin-Orbit-Coupled <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Ir</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â’	3.8	7
87	Direct observation of ferroelectricity in Ca3Mn2O7 and its prominent light absorption. Applied Physics Letters, 2018, 113, .	3.3	51
88	Type-II Multiferroic Hf₂VC₂F₂ MXene Monolayer with High Transition Temperature. Journal of the American Chemical Society, 2018, 140, 9768-9773.	13.7	179
89	High Curie-temperature intrinsic ferromagnetism and hole doping-induced half-metallicity in two-dimensional scandium chlorine monolayers. Nanoscale Horizons, 2018, 3, 551-555.	8.0	75
90	New iron-based multiferroics with improper ferroelectricity. Journal Physics D: Applied Physics, 2018, 51, 243002.	2.8	7

#	Article	IF	Citations
91	Application of Compact TiO₂ Layer Fabricated by Pulsed Laser Deposition in Organometal Trihalide Perovskite Solar Cells. Solar Rrl, 2018, 2, 1800097.	5.8	20
92	Stabilization and modulation of the topological magnetic phase with a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="double-struck">Z</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> -vortex lattice in the Kitaev-Heisenberg honeycomb model: The key role of the third-nearest-neighbor interaction. Physical Review B, 2018, 98, .	3.2	6
93	Observation of superconductivity in structure-selected Ti2O3 thin films. NPG Asia Materials, 2018, 10, 522-532.	7.9	43
94	Room-temperature ferrimagnetic multiferroic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>BiF</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">o</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math> thin f	2.4	12
95	Protective layer enhanced the stability and superconductivity of tailored antimonene bilayer. Physical Review Materials, 2018, 2, .	2.4	13
96	Current-induced multiple domain wall motion modulated by magnetic pinning in zigzag shaped nanowires. AIP Advances, 2017, 7, 056014.	1.3	2
97	Superconductivity of monolayer Mo2C: The key role of functional groups. Journal of Chemical Physics, 2017, 146, 034705.	3.0	61
98	Magnetic and electronic properties of La₃ MO₇ and possible polaron formation in hole-doped La₃ MO₇ (Mâ€‰â€‰=â€‰â€‰Ru and Os). Journal of Physics Condensed Matter, 2017, 29, 095803.	1.8	2
99	BaMF4 (MÂ= Mn, Co, Ni): New electrode materials for hybrid supercapacitor with layered polar structure. Journal of Power Sources, 2017, 359, 585-591.	7.8	15
100	Interface-induced multiferroism by design in complex oxide superlattices. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5062-E5069.	7.1	42
101	Translating XPS Measurement Procedure for Band Alignment into Reliable Ab Initio Calculation Method. Journal of Physical Chemistry C, 2017, 121, 7139-7143.	3.1	11
102	Canted magnetic ground state of quarter-doped manganitesR0.75Ca0.25MnO3(Râ€‰â€‰=â€‰â€‰Y, Tb, Dy, Ho, and Er). Journal of Physics Condensed Matter, 2017, 29, 065802.	1.8	3
103	Realization of Large Electric Polarization and Strong Magnetoelectric Coupling in BiMn₃Cr₄O₁₂. Advanced Materials, 2017, 29, 1703435.	21.0	50
104	Helical and skyrmion lattice phases in three-dimensional chiral magnets: Effect of anisotropic interactions. Scientific Reports, 2017, 7, 7392.	3.3	16
105	Preparation of CH3NH3PbI3 thin films with tens of micrometer scale at high temperature. Scientific Reports, 2017, 7, 8458.	3.3	16
106	Combined EELS and XAS Analysis of the Relationship between Depth Dependence and Valence in LSMO Thin Films. Microscopy and Microanalysis, 2017, 23, 1600-1601.	0.4	0
107	Appearance and disappearance of ferromagnetism in ultrathin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>LaMnO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi on <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi substrate: A viewpoint from first principles. Physical Review B, 2017, 96, .	3.2	27
108	Deeply Repairing Surface States with Wet Chemistry Methods: Enhanced Performance in TiO₂ Nanowire Arraysâ€Based Optoelectronic Device. ChemistrySelect, 2017, 2, 10971-10978.	1.5	10

#	Article	IF	Citations
109	Photocatalytic Behavior of Fluorinated Rutile TiO₂(110) Surface: Understanding from the Band Model. Solar Rrl, 2017, 1, 1700183.	5.8	17
110	Reversibility of magnetic field driven transition from electronic phase separation state to single-phase state in manganites: A microscopic view. Physical Review B, 2017, 96, .	3.2	6
111	Multiferroics: Realization of Large Electric Polarization and Strong Magnetoelectric Coupling in BiMn₃Cr₄O₁₂ (Adv. Mater. 44/2017). Advanced Materials, 2017, 29, .	21.0	5
112	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mm as a model system for unconventional charge transfer and polar metallicity. Physical Review B, 2017, 95, .	3.2	11
113	Cycloidal magnetism driven ferroelectricity in double tungstate LiFe(WO4)2. Physical Review B, 2017, 95, .	3.2	20
114	Pressure-driven phase transition from antiferromagnetic semiconductor to nonmagnetic metal in the two-leg ladders <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:msub><mml:mi>Fe</mml:mi><mml:mr		

#	Article	IF	Citations
127	Surface Electronic Structure of Hybrid Organo Lead Bromide Perovskite Single Crystals. Journal of Physical Chemistry C, 2016, 120, 21710-21715.	3.1	58
128	Electronic structure and stability of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">N</mml:mi><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi>PbB</mml:mi><mml:msub><mml:mi	3.2	49
129	Synthesis, Optical, and Magnetic Properties of Ba₂Ni₃F₁₀ Nanowires. ACS Applied Materials & Interfaces, 2016, 8, 26213-26219.	8.0	4
130	Block antiferromagnetism and possible ferroelectricity in KFe₂Se₂. Physica Status Solidi - Rapid Research Letters, 2016, 10, 757-761.	2.4	6
131	Prediction of above 20 K superconductivity of blue phosphorus bilayer with metal intercalations. 2D Materials, 2016, 3, 035006.	4.4	40
132	Direct observation of current-induced conductive path in colossal-electroresistance manganite thin films. Physical Review B, 2016, 93, .	3.2	18
133	Hexagonal phase stabilization and magnetic orders of multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">L</mml:mi><mml:msub><mml:mi mathvariant="normal">u</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">c</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>Fe</mml:mi><mml:msub><mml:mi	3.2	60
134	Phase transitions in a frustrated biquadratic Heisenberg model with coupled orbital degrees of freedom for iron-based superconductors. Physical Review B, 2016, 93, .	3.2	5
135	Strain-enhanced superconductivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mo</mml:mi><mml:msub><mml:mi>X</mml:mi><mml:mi> intercalation. Physical Review B, 2016, 93, .	3.2	43
136	Spin glass state and enhanced spiral phase in doped delafossite oxide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>CuCr</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2016, 94, .	3.2	6
137	Role of further-neighbor interactions in modulating the critical behavior of the Ising model with frustration. Physical Review E, 2016, 93, 032114.	2.1	14
138	Topological end states in two-orbital double-exchange model for colossal magnetoresistive manganites. Physical Review B, 2016, 93, .	3.2	2
139	Ferroelectricity in Covalently functionalized Two-dimensional Materials: Integration of High-mobility Semiconductors and Nonvolatile Memory. Nano Letters, 2016, 16, 7309-7315.	9.1	99
140	Single-Phase Type-II Multiferroics. Series in Materials Science and Engineering, 2016, , 99-137.	0.1	0
141	Chemical ordering suppresses large-scale electronic phase separation in doped manganites. Nature Communications, 2016, 7, 11260.	12.8	64
142	Facet engineering of monodisperse PbS nanocrystals with shape- and facet-dependent photoresponse activity. RSC Advances, 2016, 6, 107151-107157.	3.6	22
143	Topological triple-vortex lattice stabilized by mixed frustration in expanded honeycomb Kitaev-Heisenberg model. Scientific Reports, 2016, 6, 26750.	3.3	7
144	Possible ferrimagnetism and ferroelectricity of half-substituted rare-earth titanate: A first-principles study on Y0.5La0.5TiO3. Frontiers of Physics, 2016, 11, 1.	5.0	5

#	Article	IF	Citations
145	Prediction of topological insulators in supercubane-like materials based on first-principles calculations. Journal of Physics Condensed Matter, 2016, 28, 125502.	1.8	0
146	Strong room-temperature blue-violet photoluminescence of multiferroic BaMnF₄. Physical Chemistry Chemical Physics, 2016, 18, 2054-2058.	2.8	6
147	Hexagonal rare-earth manganites as promising photovoltaics and light polarizers. Physical Review B, 2015, 92, .	3.2	100
148	Topological magnetic phase in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mtext>LaMnO</mml:mtext><mml:mn>3</mml:mn></mml:msub></mml:math> bilayer. Physical Review B, 2015, 92, .	3.2	33
149	Strain Doping: Reversible Single-Axis Control of a Complex Oxide Lattice via Helium Implantation. Physical Review Letters, 2015, 114, 256801.	7.8	84
150	Observation of Magnetoelectric Multiferroicity in a Cubic Perovskite System:<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>LaMn</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> Physical Review Letters, 2015, 115, 087601.	7.8	105
151	Charge transfer and hybrid ferroelectricity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:msub><mml:mi>YFeO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>)</mml:mo><mml:mi>n</mml:mi></mml:msub><mml:mo>/</mml:mo><mml:mo>(</mml:mo><mml:msub><mml:mi>YTiO</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo>)</mml:mo><mml:mi>n</mml:mi></mml:msub></mml:math>magnetic superlattices. Physical Review B, 2015, 91, .	3.2	35
152	Magnetoelectricity coupled exchange bias in BaMnF4. Scientific Reports, 2015, 5, 18392.	3.3	20
153	Thickness dependence of La0.7Sr0.3MnO3/PbZr0.2Ti0.8O3 magnetoelectric interfaces. Applied Physics Letters, 2015, 107, .	3.3	12
154	Ferroelectricity driven magnetism at domain walls in LaAlO3/PbTiO3 superlattices. Scientific Reports, 2015, 5, 13052.	3.3	16
155	Manipulating the ferromagnetism in narrow-bandwidth Pr1-xCaxMnO3 (0â€‰â‰â€‰xâ€‰â‰â€‰0.6) by means of the Mn-Ru t2g ferromagnetic super-exchanges. Journal of Applied Physics, 2015, 118, 123901.	2.5	4
156	Improving the photocatalytic activity of TiO2 through reduction. RSC Advances, 2015, 5, 35661-35666.	3.6	19
157	Multiferroic materials and magnetoelectric physics: symmetry, entanglement, excitation, and topology. Advances in Physics, 2015, 64, 519-626.	14.4	661
158	Experimental observation of magnetoelectricity in spin ice Dy2Ti2O7. New Journal of Physics, 2015, 17, 123018.	2.9	14
159	Ferrielectricity in DyMn₂O₅: A golden touchstone for multiferroicity of RMn₂O₅ family. Journal of Advanced Dielectrics, 2015, 05, 1530003.	2.4	16
160	First-principles study of the relaxor ferroelectricity of Ba(Zr, Ti)O ₃. Chinese Physics B, 2015, 24, 127702.	1.4	5
161	Visualization of a ferromagnetic metallic edge state in manganite strips. Nature Communications, 2015, 6, 6179.	12.8	43
162	Enhanced nematic and antiferromagnetic phases in the spin-fermion model for strained iron pnictides. New Journal of Physics, 2015, 17, 013011.	2.9	6

#	Article	IF	Citations
163	Hydroxylation of the Rutile TiO₂(110) Surface Enhancing Its Reducing Power for Photocatalysis. Journal of Physical Chemistry C, 2015, 119, 1451-1456.	3.1	48
164	The ferroelectric polarization of Y2CoMnO6aligns along the b-axis: the first-principles calculations. Physical Chemistry Chemical Physics, 2015, 17, 20961-20970.	2.8	20
165	A class of rare antiferromagnetic metallic oxides: double perovskite AMn₃V₄O₁₂ (A = Na⁺, Ca²⁺, and) Tj ETQq1 1 0.784314 rgBT /Over 12717-12721.	2.8	6
166	Orientation-dependent ferroelectricity of strained PbTiO3 films. Frontiers of Physics, 2015, 10, 1.	5.0	6
167	Orientation-dependent magnetism and orbital structure of strained YTiO3 films on LaAlO3 substrates. Journal of Applied Physics, 2015, 117, 17C703.	2.5	4
168	Phase transition in orthorhombic perovskite Sm1âˆ'xLuxMnO3: Evidenced by the emergence of ferroelectric polarization. Journal of Applied Physics, 2015, 117, .	2.5	2
169	Magnetic and ferroelectric orders in strained Gd1/2Na1/2TiO3: First-principles calculations. Journal of Applied Physics, 2015, 117, 17C742.	2.5	1
170	Dual gate control of bulk transport and magnetism in the spin-orbit insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Ir</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2015, 91, .	3.2	27
171	Magnetism and electronic structure of (001)- and (111)-oriented LaTiO3 bilayers sandwiched in LaScO3 barriers. Journal of Applied Physics, 2015, 117, .	2.5	7
172	Enhanced magnetism-generated ferroelectricity in highly frustrated Fe-doped Ho2Ti2O7. Journal of Applied Physics, 2015, 117, 17D915.	2.5	1
173	Electric-dipole effect of defects on the energy band alignment of rutile and anatase TiO₂. Physical Chemistry Chemical Physics, 2015, 17, 29079-29084.	2.8	24
174	Influence of vacuum degree on growth of Bi ₂ Te ₃ single crystal. Chinese Physics B, 2015, 24, 078101.	1.4	1
175	Temperature dependent coercivity and magnetization of light rare-earth Nd doped permalloy thin films. Journal of Magnetism and Magnetic Materials, 2015, 374, 711-715.	2.3	35
176	Phase transition and phase separation in multiferroic orthorhombic Dy1âˆ'xHoxMnO3 (0 â‰¤ x â‰¤ 1). Scientific Reports, 2015, 4, 6506.	3.3	17
177	Ferroelectric control of magnetism and transport in oxide heterostructures. Modern Physics Letters B, 2014, 28, 1430010.	1.9	18
178	Magnetic orders of LaTiO3 under epitaxial strain: A first-principles study. Journal of Applied Physics, 2014, 115, 17E108.	2.5	14
179	Enhanced ferromagnetism, metal-insulator transition, and large magnetoresistance in La1âˆ'xCaxMn1âˆ'xRuxO3 free of eg-orbital double-exchange. Journal of Applied Physics, 2014, 115, 123904.	2.5	5
180	First principles study of the magnetic properties of LaOMnAs. Journal of Applied Physics, 2014, 115, 17D723.	2.5	10

#	Article	IF	Citations
181	Magnetic phase diagram and multiferroicity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Ba</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">MnNb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>9</mml:mn></mml:msub></mml:math>: A spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mfrac><mml:mn>5</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml	3.2	60
182	Giant electronic polarization induced by a helical spin order in SrMn ₇ O ₁₂ : First-principles calculations. Europhysics Letters, 2014, 108, 67012.	2.0	5
183	Strain driven sequential magnetic transitions in strained GdTiO₃on compressive substrates: a first-principles study. Journal of Physics Condensed Matter, 2014, 26, 476001.	1.8	5
184	Magnetic orders in pnictide superconductors: the effect of biquadratic interaction. New Journal of Physics, 2014, 16, 053027.	2.9	6
185	Correlating interfacial octahedral rotations with magnetism in (LaMnO3+Î´)N/(SrTiO3)N superlattices. Nature Communications, 2014, 5, 4283.	12.8	103
186	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>BaFe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></ mathvariant="normal">S</mml:mi><mml:msub><mml:mrow><mml:mi mathvariant="normal">e</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub> <mml:mrow></mml: A High <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mml. Physic	7.8	67
187	Spin transport in CH3NH3PbI3. Journal Physics D: Applied Physics, 2014, 47, 405002.	2.8	5
188	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">LaSrVO</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:math>: A candidate for the spin-orbital liquid state. Physical Review B, 2014, 89, .	3.2	9
189	Magnetic properties and electronic structures of (YTiO3)2/(BaTiO3)n superlattices. Journal of Applied Physics, 2014, 115, 17D710.	2.5	8
190	Testing the Monte Carloâ€“mean field approximation in the one-band Hubbard model. Physical Review B, 2014, 90, .	3.2	27
191	Coupled ferroelectric polarization and magnetization in spinel FeCr2S4. Scientific Reports, 2014, 4, 6530.	3.3	38
192	Novel multiferroicity in GdMnO3 thin films with self-assembled nano-twinned domains. Scientific Reports, 2014, 4, 7019.	3.3	31
193	Experimental observation of ferrielectricity in multiferroic DyMn2O5. Scientific Reports, 2014, 4, 3984.	3.3	41
194	Chemically modulated multiferroicity in Dy-doped Gd2Ti2O7. Journal of Applied Physics, 2013, 113, 17D903.	2.5	7
195	Full control of magnetism in a manganite bilayer by ferroelectric polarization. Physical Review B, 2013, 88, .	3.2	46
196	Multiferroic Domain Structure in Orthorhombic Multiferroics of Cycloidal Spin Order: Three-Dimensional Phase Field Simulations. IEEE Transactions on Magnetics, 2013, 49, 3117-3120.	2.1	5
197	Ferroelectricity of polycrystalline GdMnO3 and multifold magnetoelectric responses. Applied Physics A: Materials Science and Processing, 2013, 112, 947-954.	2.3	37
198	Influence of magnetic correlations on lowâ€field magnetoresistance in La_{2/3}Sr_{1/3}MnO₃/SrTiO₃ composites. Physica Status Solidi (A) Applications and Materials Science, 2013, 210, 1195-1200.	1.8	5

#	Article	IF	Citations
199	Magnetic orders and electronic structure in LaMnO3/SrTiO3 superlattices. Journal of Applied Physics, 2013, 113, .	2.5	10
200	Multiferroicity in spin ice Ho2Ti2O7: An investigation on single crystals. Journal of Applied Physics, 2013, 113, .	2.5	20
201	Polarization enhancement and ferroelectric switching enabled by interacting magnetic structures in DyMnO3 thin films. Scientific Reports, 2013, 3, 3374.	3.3	39
202	Tunneling Electroresistance Induced by Interfacial Phase Transitions in Ultrathin Oxide Heterostructures. Nano Letters, 2013, 13, 5837-5843.	9.1	115
203	Electrophoretic-like Gating Used To Control Metalâ€“Insulator Transitions in Electronically Phase Separated Manganite Wires. Nano Letters, 2013, 13, 3749-3754.	9.1	31
204	Strain-engineered A-type antiferromagnetic order in YTiO3: A first-principles calculation. Journal of Applied Physics, 2013, 113, .	2.5	18
205	Low-temperature synthesis of K0.5FeF3 with tunable exchange bias. Applied Physics Letters, 2013, 103, 102405.	3.3	5
206	Quantum confinement induced magnetism in LaNiO<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>-LaMnO<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>superlattices. Physical Review B, 2013, 87, .	3.2	50
207	Simulation of the magnetoresistance of Heisenberg spin lattices using the resistorâ€”network model. Chinese Physics B, 2013, 22, 117313.	1.4	3
208	Multiferroic properties in orthorhombic perovskite manganites: Monte Carlo simulation. Journal of Applied Physics, 2012, 111, 053907.	2.5	1
209	Block antiferromagnetism and checkerboard charge ordering in the alkali-doped iron selenides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>R</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â”</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â”</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>	3.2	34
210			

#	Article	IF	Citations
217	Monte Carlo Simulation of Multiferroic Magnetic Order in Ca3Co2-xMnxO6 System. Procedia Engineering, 2012, 27, 638-643.	1.2	0
218	Ferroelectricity generated by spin-orbit and spin-lattice couplings in multiferroic DyMnO3. Frontiers of Physics, 2012, 7, 408-417.	5.0	21
219	Multiferroic phase transitions in manganitesRMnO₃: A two-orbital double exchange simulation. Chinese Physics B, 2012, 21, 107502.	1.4	4
220	Giant Ferroelectric Polarization of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>CaMn</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="bold">O</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math>Induced by a Combined Effect of Dzyaloshinskii-Moriya Interaction and Exchange Striction. Physical Review Letters, 2012, 108, 187204.	7.8	107
221	Microscopic model for the ferroelectric field effect in oxide heterostructures. Physical Review B, 2011, 84, .	3.2	51
222	Magnetoelectric coupling at the interface of BiFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow</mml:math>/La<mm xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>7</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:mml="http://www.w3.org/19. Physical Review B, 2011, 84, .	3.2	59
223	Nonmagnetic B-site substitution induced two-phase coexistence in multiferroic manganites: Monte Carlo simulation. Journal of Applied Physics, 2011, 109, 113909.	2.5	4
224	Multiferroic properties of CaMn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>12</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	3.2	142
225	Testing field and annealing temperature dependence of leakage properties in Bi3.25La0.75Ti3O12 thin films. Thin Solid Films, 2011, 519, 2376-2380.	1.8	3
226	Enhanced ferroelectricity in orthorhombic manganites Gd1âˆ’xHoxMnO3. Journal of Applied Physics, 2011, 109, 07D901.	2.5	9
227	Ab initiostudy of the intrinsic exchange bias at the SrRuO<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>/SrMnO<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> interface. Physical Review B, 2011, 84, .	3.2	23
228	Emergent dimensional reduction of the spin sector in a model for narrow-band manganites. Physical Review B, 2011, 84, .	3.2	16
229	Tailoring magnetic orders in (LaFeO3)nâ€“(LaCrO3)n superlattices model. Journal of Applied Physics, 2011, 110, 053916.	2.5	10
230	Multiferroic phase diagram of Y partially substituted Dy1âˆ’xYxMnO3. Applied Physics Letters, 2011, 98, 012510.	3.3	31
231	Unattenuated conical spin wave in spiral magnet: The role of Dzyaloshinskii-Moriya interaction. Journal of Applied Physics, 2011, 110, 053918.	2.5	0
232	Ho substitution suppresses collinear Dy spin order and enhances polarization in DyMnO3. Applied Physics Letters, 2011, 99, .	3.3	42
233	Fragile magnetic ground state and metal-insulator transitions in CaCrO3: The first-principles calculations. Journal of Applied Physics, 2011, 110, .	2.5	10
234	Multiferroic response to magnetic field in orthorhombic manganites. Applied Physics Letters, 2011, 98, .	3.3	7

#	Article	IF	Citations
235	Enhanced polarization and magnetoelectric response inÂTb1â^'x Ho x MnO3. Applied Physics A: Materials Science and Processing, 2010, 99, 323-331.	2.3	18
236	Magnetic properties of Sm-based bulk metallic glasses. Journal of Magnetism and Magnetic Materials, 2010, 322, 2845-2850.	2.3	4
237	The A-site disorder effects and enhanced magnetoresistance in La0.55Sr0.45MnO3. Thin Solid Films, 2010, 518, e38-e41.	1.8	5
238	Enhancement of ferroelectricity in Cr-doped Ho2Ti2O7. Applied Physics Letters, 2010, 96, .	3.3	19
239	Flux state and anomalous quantum Hall effect in the square double-exchange model. Physical Review B, 2010, 81, .	3.2	9
240	Highly anisotropic resistivities in the double-exchange model for strained manganites. Physical Review B, 2010, 82, .	3.2	33
241	Nonmagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>-site impurity-induced ferromagnetic tendency in CE-type manganites. Physical Review B, 2009, 79, .	3.2	20
242	Ru-doping-induced ferromagnetism in charge-ordered<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.4</mml:m Physical Review B, 2009, 79, .	3.2	33
243	Striped Multiferroic Phase in Double-Exchange Model for Quarter-Doped Manganites. Physical Review Letters, 2009, 103, 107204.	7.8	40
244	Electronic and magnetic properties ofRMnO3/AMnO3heterostructures. Physical Review B, 2009, 80, .	3.2	28
245	Cluster spin-glass state and Kondo behavior in Sm-based bulk metallic glasses. Journal of Applied Physics, 2009, 105, 07A326.	2.5	2
246	Does ferroelectric polarization in LiCu2O2 uniquely originate from spiral spin order?. Journal of Applied Physics, 2009, 105, 07D908.	2.5	5
247	Dynamic hysteresis of magnetic aggregates with non-integer dimension. Journal of Magnetism and Magnetic Materials, 2009, 321, 2429-2432.	2.3	7
248	Double-exchange model study of multiferroic RMnO3 perovskites. European Physical Journal B, 2009, 71, 339-344.	1.5	16
249	Exchange Bias Driven by the Dzyaloshinskii-Moriya Interaction and Ferroelectric Polarization at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>G</mml:mi></mml:math>-Type Antiferromagnetic Perovskite Interfaces. Physical Review Letters, 2009, 103, 127201.	7.8	132
250	Mean-field theory for ferroelectricity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Ca</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msu Physical Review B, 2009, 79, .	3.2	31
251	Ferromagnetic tendency at the surface of CE-type charge-ordered manganites. Physical Review B, 2008, 78, .	3.2	121
252	Multiferroic response and clamped domain structure in a two-dimensional spiral magnet: Monte Carlo simulation. Physical Review B, 2008, 77, .	3.2	35

#	Article	IF	Citations
253	Specific heat anomalies and possible Griffiths-like phase in La0.4Ca0.6MnO3 nanoparticles. Journal of Applied Physics, 2008, 103, 07F714.	2.5	36
254	Origin of multiferroic spiral spin order in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mrow><mml:mtext>MnO</mml:mtext></mml:mrow><mml:mn> Physical Review B, 2008, 78, .	3.2	196
255	Magnetism, conductivity, and orbital order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

#	Article	IF	Citations
271	Monte Carlo simulation of magnetic behavior of a spin-chain system on a triangular lattice. Physical Review B, 2006, 74, .	3.2	56
272	Phase equilibrium in manganites under a magnetic field studied using a two-orbital model. Journal of Physics Condensed Matter, 2006, 18, L171-L177.	1.8	6
273	Colossal resistivity change associated with the charge ordered/disordered transition: Monte Carlo study. Frontiers of Physics in China, 2006, 1, 362-367.	1.0	0
274	Time-domain spectrum of dielectric relaxation in relaxor ferroelectrics: Monte Carlo simulation. Journal of Physics Condensed Matter, 2006, 18, 8973-8985.	1.8	4
275	Jahn-Teller distortion induced charge ordering in the CE phase of manganites. Physical Review B, 2006, 73, .	3.2	19
276	Steplike magnetization of spin chains in a triangular lattice: Monte Carlo simulations. Physical Review B, 2006, 73, .	3.2	53
277	Preparation of La-doped BiFeO3 thin films with Fe2+ ions on Si substrates. Journal of Applied Physics, 2006, 99, 094105.	2.5	74
278	Synthesis and characterization of La0.825Sr0.175MnO3nanowires. Journal of Physics Condensed Matter, 2005, 17, L467-L475.	1.8	34
279	Monte Carlo simulation on the resistivity and magnetization in anisotropic layered structure. Journal of Applied Physics, 2005, 98, 093908.	2.5	2
280	Phase separation and magnetoresistance in random-field magnetic polaron systems. Computational Materials Science, 2005, 33, 168-174.	3.0	3
281	Microscopic simulation of the percolation of manganites. Applied Physics Letters, 2005, 86, 022501.	3.3	23
282	Hysteresis loop area of the Ising model. Physical Review B, 2004, 70, .	3.2	32
283	Role of magnetic polarons in magnetotransport of phase-separated electron systems: Monteâ€“Carlo simulation. Computational Materials Science, 2004, 30, 453-460.	3.0	0
284	Noncollinear topological textures in two-dimensional van der Waals materials: From magnetic to polar systems. International Journal of Modern Physics B, 0, , 2130004.	2.0	9
285	Incommensurate-commensurate magnetic phase transition in the double tungstate Li2Co(WO4)2. Chinese Physics B, 0, , .	1.4	0
286	Evolution of magnetic phase in two dimensional van der Waals Mn1-xNixPS3 single crystals. Journal of Physics Condensed Matter, 0, , .	1.8	5