

Young Sun

List of Publications by Year in descending order

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226
papers

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citations

47409

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all docs

231
docs citations

231
times ranked

12685
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of the spin-orbit coupling effect in magnetic Weyl semimetal Co ₃ Sn ₂ S ₂ . Npj Quantum Materials, 2022, 7, .	1.8	16
2	High-field magnetization and magnetodielectric effect in a $\text{Ni}_2\text{Zr}_2\text{O}_7$ single crystal. Physical Review B, 2022, 105, .	2.1	2
3	Quasi-quantized Hall response in bulk InAs. Scientific Reports, 2022, 12, 2153.	1.6	3
4	Emergent multiferroism with magnetodielectric coupling in EuTiO ₃ created by a negative pressure control of strong spin-phonon coupling. Nature Communications, 2022, 13, 2364.	5.8	23
5	Comparison of skyrmion phases between poly- and single-crystal MnSi by composite magnetoelectric method. Applied Physics Letters, 2022, 120, 182406.	1.5	1
6	Progress on Emerging Ferroelectric Materials for Energy Harvesting, Storage and Conversion. Advanced Energy Materials, 2022, 12, .	10.2	45
7	Reversible Switchability of Magnetic Anisotropy and Magnetodielectric Effect Induced by Intermolecular Motion. Angewandte Chemie, 2022, 134, .	1.6	3
8	Reversible Switchability of Magnetic Anisotropy and Magnetodielectric Effect Induced by Intermolecular Motion. Angewandte Chemie - International Edition, 2022, 61, .	7.2	11
9	Room-temperature giant magnetotransistance effect in single-phase multiferroics. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	1
10	Giant magnetostriction and nonsaturating electric polarization up to 60 T in the polar magnet $\text{CaBa}_7\text{Co}_7\text{O}_{13}$. Physical Review B, 2021, 103, .	1.8	1
11	Spin reorientation transition induced by surface reconstruction in epitaxial Fe/Co bilayers. Journal of Magnetism and Magnetic Materials, 2021, 533, 168019.	1.0	1
12	Magnetoelectric phase transition driven by interfacial-engineered Dzyaloshinskii-Moriya interaction. Nature Communications, 2021, 12, 5453.	5.8	18
13	Probe of skyrmion phases and dynamics in MnSi via the magnetoelectric effect in a composite configuration. Physical Review B, 2021, 104, .	1.1	6
14	Artificial synaptic device and neural network based on the FeGa/PMN-PT/FeGa memtransistor. Applied Physics Letters, 2021, 119, 192902.	1.5	5
15	Ferromagnetic and ferroelectric Ba_5FeO_9 insulator. Physical Review Materials, 2021, 5, .	0.9	0
16	Charge-Driven Transitive Devices via Electric Field Control of Magnetism in a Helimagnet. Physical Review Applied, 2021, 16, .	1.5	0
17	Topological phase transition in a magnetic Weyl semimetal. Physical Review B, 2021, 104, .	1.1	7
18	Mode-Resolved Detection of Magnetization Dynamics Using X-ray Diffractive Ferromagnetic Resonance. Nano Letters, 2020, 20, 345-352.	4.5	11

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19	Nonvolatile Memory and Artificial Synapse Based on the Cu/P(VDF-TrFE)/Ni Organic Memtransistor. ACS Applied Materials & Interfaces, 2020, 12, 4673-4677.	4.0	15
20	Unusual magnetostriction behavior and magnetoelectric effect in spinel $Mn_2V_2O_7$. Physical Review B, 2020, 102, .	1.1	4
21	Topological Lifshitz transition of the intersurface Fermi-arc loop in $NbIrTe_4$. Physical Review B, 2020, 102, .	1.1	4
22	Large Ising Anisotropy in $Si_2Mn_2O_7$. Physical Review B, 2020, 102, .	1.1	4
23	Magnetolectric coupling in multiferroic Z-type hexaferrite revealed by electric-field-modulated magnetic resonance studies. Journal of Materials Science, 2020, 55, 7624-7633.	1.7	8
24	Electric field control of nonvolatile two-state magnetoelectric coefficient at room temperature in a hexaferrite. Journal of the American Ceramic Society, 2020, 103, 4384-4389.	1.9	6
25	Multiferroic and thermal expansion properties of metal-organic frameworks. Journal of Applied Physics, 2020, 127, .	1.1	25
26	Hydrogen Bond Tuning of Magnetoelectric Coupling in Metal-Organic Frameworks. Journal of Physical Chemistry C, 2020, 124, 16111-16115.	1.5	5
27	Experimental Identification of Electric Dipoles Induced by Magnetic Monopoles in Tb ₂ Ti ₂ O ₇ . Physical Review Letters, 2020, 124, 087601.	2.9	9
28	Magnetoelectric effects in multiferroic Y-type hexaferrites Ba _{0.3} Sr _{1.7} Co _x Mg _{2-2x} Fe ₁₂ O ₂₂ . Chinese Physics B, 2020, 29, 037701.	0.7	3
29	Critical behavior in the layered organic-inorganic hybrid (CH ₃ NH ₃) ₂ CuCl ₄ *. Chinese Physics B, 2020, 29, 067503.	0.7	3
30	An organic synaptic transistor with Nafion electrolyte. Journal Physics D: Applied Physics, 2020, 53, 485102.	1.3	7
31	Pressure tuning of the anomalous Hall effect in the chiral antiferromagnet Mn_2O_3 . Physical Review Materials, 2020, 4, .	0.3	17
32	Difference frequency generation in topological semimetals. Physical Review Research, 2020, 2, .	1.3	51
33	Topological Lifshitz transitions and Fermi arc manipulation in Weyl semimetal NbAs. Nature Communications, 2019, 10, 3478.	5.8	41
34	Spin fluctuation induced Weyl semimetal state in the paramagnetic phase of EuCd ₂ As ₂ . Science Advances, 2019, 5, eaaw4718.	4.7	122
35	Proton-free electron-trapping feature of titanium dioxide nanoparticles without the characteristic blue color. Communications Chemistry, 2019, 2, .	2.0	15
36	Magnetic-Field Tuning of Hydrogen Bond Order-Disorder Transition in Metal-Organic Frameworks. Physical Review Letters, 2019, 122, 255701.	2.9	24

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37	One-proton knockout from C at around 240 MeV/nucleon. <i>Physical Review C</i> , 2019, 100, .	1.1	9
38	Electrocaloric effect and pyroelectric properties of organic-inorganic hybrid $(C_2H_5NH_3)_2CuCl_4$. <i>Chinese Physics B</i> , 2019, 28, 117701.	0.7	1
39	Reversibility of spin-induced electric polarization in multiferroic hexaferrites. <i>Physical Review B</i> , 2019, 100, .	1.1	15
40	Magnetoelectric multiferroicity and quantum paraelectricity in hexaferrites. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	2.0	12
41	Artificial synaptic device based on a multiferroic heterostructure. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 465303.	1.3	7
42	Magnetic Weyl semimetal phase in a Kagomé crystal. <i>Science</i> , 2019, 365, 1282-1285.	6.0	518
43	Predicted polymorph manipulation in an exotic double perovskite oxide. <i>Journal of Materials Chemistry C</i> , 2019, 7, 12306-12311.	2.7	7
44	Large linear magnetoelectric effect and field-induced ferromagnetism and ferroelectricity in $DyCrO_4$. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	19
45	Two-neutron removal cross sections from C at around 240 MeV/nucleon. <i>Physical Review C</i> , 2019, 99, .	1.1	5
46	Multiferroicity and magnetoelectric coupling in the paramagnetic state of the metal-organic framework $[(CH_3)_3NH_2]Ni(HCOO)_3$. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 205701.	0.7	8
47	Direct observation of magnetic contrast obtained by photoemission electron microscopy with deep ultra-violet laser excitation. <i>Ultramicroscopy</i> , 2019, 202, 156-162.	0.8	3
48	Strong spin-orbit coupling and Dirac nodal lines in the three-dimensional electronic structure of metallic rutile IrO_2 . <i>Physical Review B</i> , 2019, 99, .	1.1	18
49	Pressure effect on spin-driven multiferroicity in a Y-type hexaferrite. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4173-4177.	2.7	3
50	Giant intrinsic spin Hall effect in W_3Ta and other A15 superconductors. <i>Science Advances</i> , 2019, 5, eaav8575.	4.7	52
51	Realization of Complete Boolean Logic Functions using a Single Memtranstor. <i>Physical Review Applied</i> , 2019, 12, .	1.5	7
52	Magnetostriction of helimagnets in the skyrmion crystal phase. <i>New Journal of Physics</i> , 2019, 21, 123052.	1.2	3
53	Axionic charge-density wave in the Weyl semimetal $(TaSe_4)_2I$. <i>Nature</i> , 2019, 575, 315-319.	13.7	143
54	Pressure tuning of the electrical transport properties in the Weyl semimetal TaP . <i>Physical Review Materials</i> , 2019, 3, .	0.9	4

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73	Observation of Magnetodielectric Effect in a Dysprosium-Based Single-Molecule Magnet. Journal of the American Chemical Society, 2018, 140, 7795-7798.	6.6	99
74	Signature of type-II Weyl semimetal phase in MoTe2. Nature Communications, 2017, 8, 13973.	5.8	358
75	Direct measurement of thermoelectric properties of $\text{Fe}^{2+}\text{-MnO}_2$ in its powder form. Applied Physics Letters, 2017, 110, 023102.	1.5	0
76	A Synaptic Transistor based on Quasi-2D Molybdenum Oxide. Advanced Materials, 2017, 29, 1700906.	11.1	304
77	Strain-Mediated Coexistence of Volatile and Nonvolatile Converse Magnetolectric Effects in $\text{Fe/Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})_{0.7}\text{Ti}_{0.3}\text{O}_3$	4.0	32
78	Dirac line nodes and effect of spin-orbit coupling in the nonsymmorphic critical semimetals M_2SiS_3	1.1	131
79	Review Nanomagnetic CoPt truncated octahedrons: facile synthesis, superior electrocatalytic activity and stability for methanol oxidation. Science China Materials, 2017, 60, 57-67.	3.5	32
80	Effect of oxygen migration on magnetic anisotropy and damping constant in perpendicular Ta/CoFeB/Gd/MgO/Ta multilayers. Applied Surface Science, 2017, 396, 705-710.	3.1	16
81	Realization of Large Electric Polarization and Strong Magnetolectric Coupling in $\text{BiMn}_3\text{Cr}_4\text{O}_{12}$. Advanced Materials, 2017, 29, 1703435.	11.1	50
82	Real-Space Observation of Nonvolatile Zero-Field Biskyrmion Lattice Generation in MnNiGa Magnet. Nano Letters, 2017, 17, 7075-7079.	4.5	64
83	Giant magnetolectric effects achieved by tuning spin cone symmetry in Y-type hexaferrites. Nature Communications, 2017, 8, 519.	5.8	97
84	Manipulating multiple order parameters via oxygen vacancies: The case of $\text{Eu}_x\text{Mn}_{0.5-x}\text{B}$	1.1	15
85	Large pyroelectric and thermal expansion coefficients in the $[(\text{CH}_3)_2\text{NH}_2]\text{Mn}(\text{HCOO})_3$ metal-organic framework. Applied Physics Letters, 2017, 111, .	1.5	16
86	Multiferroics: Realization of Large Electric Polarization and Strong Magnetolectric Coupling in $\text{BiMn}_3\text{Cr}_4\text{O}_{12}$ (Adv. Mater. 44/2017). Advanced Materials, 2017, 29, .	11.1	5
87	Observation of the topological surface state in the nonsymmorphic topological insulator KHgSb. Physical Review B, 2017, 96, .	1.1	21
88	Hidden spin-order-induced room-temperature ferroelectricity in a peculiar conical magnetic structure. Physical Review B, 2017, 95, .	1.1	27
89	Orthoborates $\text{LiCdRE}_5(\text{BO}_3)_6$ (RE = Sm, Lu and Y) with Rare-Earth Ions on a Triangular Lattice: Synthesis, Crystal Structure, and Optical and Magnetic Properties. Inorganic Chemistry, 2017, 56, 8100-8105.	1.9	20
90	Electrochemical-reaction-induced synaptic plasticity in MoO_x -based solid state electrochemical cells. Physical Chemistry Chemical Physics, 2017, 19, 4190-4198.	1.3	62

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91	Multiferroicity Broken by Commensurate Magnetic Ordering in Terbium Orthomanganite. ChemPhysChem, 2016, 17, 1098-1103.	1.0	6
92	Realization of a flux-driven memtransistor at room temperature. Chinese Physics B, 2016, 25, 027703.	0.7	9
93	Nonvolatile transistor change random access memory based on magnetoelectric P(VDF-TrFE)/Metglas heterostructures. Applied Physics Letters, 2016, 109, .	1.5	24
94	Nonvolatile Multilevel Memory and Boolean Logic Gates Based on a Single Ni/[Pb(Mg _{1/3} Nb _{2/3})O ₃] _{0.7} [PbTiO ₃] _{0.3} /Ni Heterostructure. Physical Review Applied, 2016, 6, .	1.5	23
95	Uniaxial ferroelectric quantum criticality in multiferroic hexaferrites BaFe ₁₂ O ₁₉ and SrFe ₁₂ O ₁₉ . Scientific Reports, 2016, 6, 25724.	1.6	66
96	A multilevel nonvolatile magnetoelectric memory. Scientific Reports, 2016, 6, 34473.	1.6	48
97	Oriented-assembly of hollow FePt nanochains with tunable catalytic and magnetic properties. Nanoscale, 2016, 8, 11432-11440.	2.8	45
98	Enhanced Catalytic Activities of NiPt Truncated Octahedral Nanoparticles toward Ethylene Glycol Oxidation and Oxygen Reduction in Alkaline Electrolyte. ACS Applied Materials & Interfaces, 2016, 8, 10841-10849.	4.0	74
99	Memristive switching in Cu/Si/Pt cells and its improvement in vacuum environment. Solid State Ionics, 2016, 295, 1-6.	1.3	1
100	Chiral Weyl Pockets and Fermi Surface Topology of the Weyl Semimetal TaAs. Physical Review Letters, 2016, 117, 146401.	2.9	83
101	Nonvolatile Memory Based on Nonlinear Magnetoelectric Effects. Physical Review Applied, 2016, 6, .	1.5	61
102	Magnetoelectric memory effect in the Y-type hexaferrite BaSrZnMgFe ₁₂ O ₂₂ . Chinese Physics B, 2016, 25, 087503.	0.7	5
103	Electromagnon in the hexaferrite Z -type Z -type hexaferrite. Physical Review B, 2016, 94, .	1.1	23
104	Pressure tuning the Fermi surface topology of the Weyl semimetal NbP. Physical Review B, 2016, 93, .	1.1	29
105	Vacancy defect complexes in silicon: Charges and spin order. Physical Review B, 2016, 94, .	1.1	6
106	Quantum electric-dipole liquid on a triangular lattice. Nature Communications, 2016, 7, 10569.	5.8	55
107	Interplay of Rashba effect and spin Hall effect in perpendicular Pt/Co/MgO magnetic multilayers. Chinese Physics B, 2016, 25, 077501.	0.7	5
108	Long-distance super-exchange and quantum magnetic relaxation in a hybrid metal-organic framework. Chinese Physics B, 2016, 25, 017601.	0.7	2

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109	Moisture effects on the electrochemical reaction and resistance switching at Ag/molybdenum oxide interfaces. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 12466-12475.	1.3	46
110	Observation of Resonant Quantum Magnetoelectric Effect in a Multiferroic Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2016, 138, 782-785.	6.6	112
111	Evolution of the Fermi surface of Weyl semimetals in the transition metal pnictide family. <i>Nature Materials</i> , 2016, 15, 27-31.	13.3	245
112	High electron mobility and large magnetoresistance in the half-Heusler semimetal LuPtBi. <i>Physical Review B</i> , 2015, 92, .	1.1	51
113	Observation of Magnetoelectric Multiferroicity in a Cubic Perovskite System: LaMnO_{12} Physical Review Letters, 2015, 115, 087601.	1.1	51
114	Al-doping-induced magnetocapacitance in the multiferroic AgCrS ₂ . <i>Chinese Physics B</i> , 2015, 24, 127507.	0.7	3
115	Nonvolatile electric-field control of magnetization in a Y-type hexaferrite. <i>Scientific Reports</i> , 2015, 5, 8254.	1.6	39
116	Spin-driven multiferroics in BaYFeO ₄ . <i>Journal of Applied Physics</i> , 2015, 117, .	1.1	18
117	Magnetic-ion-induced displacive electric polarization in FeO ₅ bipyramidal units of (Ba, Sr) Fe ₁₂ O ₁₉ hexaferrites. , 2015, .		0
118	Reply to "Comment on "Low-Temperature Phase Transition in AgNbO ₃ " Journal of the American Ceramic Society, 2015, 98, 1042-1042.	1.9	1
119	Ba ₂ Cu ₂ Te ₂ P ₂ O ₁₃ : A new telluro-phosphate with S=1/2 Heisenberg chain. <i>Journal of Solid State Chemistry</i> , 2015, 230, 75-79.	1.4	6
120	Magnetization reorientation induced by interfacial structures in ultrathin disordered FePt film sandwiched by SiO ₂ layers. <i>Applied Surface Science</i> , 2015, 353, 489-493.	3.1	6
121	Toward the complete relational graph of fundamental circuit elements. <i>Chinese Physics B</i> , 2015, 24, 068402.	0.7	24
122	A spray drying approach for the synthesis of a Na ₂ C ₆ H ₂ O ₄ /CNT nanocomposite anode for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13193-13197.	5.2	75
123	Weyl semimetal phase in the non-centrosymmetric compound TaAs. <i>Nature Physics</i> , 2015, 11, 728-732.	6.5	796
124	High-temperature ferroelectricity and strong magnetoelectric effects in a hybrid organic-inorganic perovskite framework. <i>Physica Status Solidi - Rapid Research Letters</i> , 2015, 9, 62-67.	1.2	70
125	Temperature Dependence of the Optical Conductivity in a Half-Filled Hubbard Model: Mott-Type Insulator Vs Slater-Type Insulator. , 2014, .		0
126	Electric control of magnetism in a multiferroic metal-organic framework. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 91-94.	1.2	49

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127	Magnetic field reversal of electric polarization and magnetoelectric phase diagram of the hexaferrite Ba _{1.3} Sr _{0.7} Co _{0.9} Zn _{1.1} Fe _{10.8} Al _{1.2} O ₂₂ . Applied Physics Letters, 2014, 104, .	1.5	47
128	Magnetic domain-wall motion twisted by nanoscale probe-induced spin transfer. Physical Review B, 2014, 90, .	1.1	16
129	Exchange bias field induced symmetry-breaking of magnetization rotation in two-dimension. Applied Physics Letters, 2014, 105, 152402.	1.5	11
130	Interface-modification-enhanced tunnel electroresistance in multiferroic tunnel junctions. Journal of Applied Physics, 2014, 116, .	1.1	24
131	Low-temperature Phase Transition in AgNbO_3 . Journal of the American Ceramic Society, 2014, 97, 1895-1898.	1.9	16
132	Proximity effect between a topological insulator and a magnetic insulator with large perpendicular anisotropy. Applied Physics Letters, 2014, 105, 092411.	1.5	37
133	Spin pumping at the Co ₂ FeAl _{0.5} Si _{0.5} /Pt interface. Chinese Physics B, 2014, 23, 018503.	0.7	4
134	Magnetic-ion-induced displacive electric polarization in FeO_5 bipyramidal units of BaF_5 . Physical Review B, 2014, 90, .	1.1	65
135	Quantum Tunneling of Magnetization in a Metal-Organic Framework. Physical Review Letters, 2014, 112, 017202.	2.9	68
136	Cross coupling between electric and magnetic orders in a multiferroic metal-organic framework. Scientific Reports, 2014, 4, 6062.	1.6	175
137	Time-dependent magnetoelectric effect in Fe/Pb(Mg _{1/3} Nb _{2/3}) _{0.7} Ti _{0.3} O ₃ heterostructure: A ferromagnetic resonance study. Applied Physics Letters, 2013, 103, .	1.5	24
138	Magnetoelectric coupling in the paramagnetic state of a metal-organic framework. Scientific Reports, 2013, 3, 2024.	1.6	163
139	Probing ferromagnetic/ferroelectric interfaces via spin wave resonance. Applied Physics Letters, 2013, 102, .	1.5	14
140	Giant exchange bias in a single-phase magnet with two magnetic sublattices. Applied Physics Letters, 2013, 102, .	1.5	30
141	Field- and temperature-induced evolution of the magnetocaloric effect in Ba _{0.3} Sr _{1.7} Co ₂ Fe ₁₂ O ₂₂ single crystals with heliconical magnetism. Journal of Physics Condensed Matter, 2013, 25, 256006.	0.7	6
142	Multiferroics and magnetoelectric effects in charge ordered compounds. Science China: Physics, Mechanics and Astronomy, 2013, 56, 222-231.	2.0	16
143	THE g _{9/2} ORBITAL AND STRUCTURE OF NEUTRON-RICH Cr AND Fe NUCLEI. , 2013, , .		0
144	Influence of Electric Field on Magnetic Dynamic Properties of Multiferroic Co ₂ FeAl _{0.5} Si _{0.5} /Pb(Mg _{1/3} Nb _{2/3}) _{0.7} Ti _{0.3} O ₃ Heterostructure. Applied Physics Express, 2013, 6, 073011.	1.1	4

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145	Multiphonon ³ -vibrational bands in the ³ -soft nucleus ¹³⁸ Nd. Physical Review C, 2013, 87, .	1.1	14
146	Abnormal magnetic behaviors induced by the antisite phase boundary in La ₂ NiMnO ₆ . Chinese Physics B, 2013, 22, 087601.	0.7	6
147	Al-doping-induced magnetocapacitance in the multiferroic CuCrS ₂ . Chinese Physics B, 2013, 22, 027507.	0.7	3
148	Colossal elastoresistance and strain effects on phase-separated Pr _{0.5} Sr _{0.5} MnO ₃ films. Europhysics Letters, 2012, 100, 47006.	0.7	6
149	Label-free and real-time detections of the interactions of swine IgG with goat anti-swine IgG by oblique-incidence reflectivity difference technique. Journal of Applied Physics, 2012, 112, 064702.	1.1	6
150	Low magnetic field reversal of electric polarization in a Y-type hexaferrite. Applied Physics Letters, 2012, 100, .	1.5	65
151	Origin of ferromagnetism and oxygen-vacancy ordering induced cross-controlled magnetoelectric effects at room temperature. Journal of Applied Physics, 2012, 111, .	1.1	35
152	Structure, Magnetism and Magnetoresistance Effect of $\text{Cd}_{1-x}\text{Cu}_x\text{Cr}_2\text{S}_4$ ($x=0.01, 0.04, 0.1, 0.2$). IEEE Transactions on Magnetics, 2012, 48, 3634-3637.	1.2	2
153	A magnetoelectric multiglass state in multiferroic YbFe ₂ O ₄ . Journal of Applied Physics, 2012, 111, 07D902.	1.1	13
154	Anisotropic magnetoresistance in polycrystalline La _{0.67} (Ca ^{1-x} Sr _x) _{0.33} MnO ₃ . Journal Physics D: Applied Physics, 2012, 45, 245001.	1.3	17
155	$\text{Co}_{40}\text{Fe}_{20}\text{B}_{20}\text{Pb}_{20}$		

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163	Anisotropic giant dielectric tunability in electronic ferroelectric YbFe ₂ O ₄ . Physica B: Condensed Matter, 2010, 405, 3391-3394.	1.3	9
164	Identification of a quasiparticle band in very neutron-rich Zr^{104} . Physical Review C, 2010, 82, .	1.1	11
165	Infrared study of the charge-ordered multiferroic $LuFe_2O_4$. Physical Review B, 2010, 81, .	1.1	21
166	Reversible ultraviolet light-manipulated superhydrophobic-to-superhydrophilic transition on a tubular SiC nanostructure film. Applied Physics Letters, 2010, 97, .	1.5	21
167	Pressure effects on multiferroic LuFe ₂ O ₄ . Applied Physics Letters, 2010, 96, .	1.5	11
168	Electrically driven magnetic relaxation in multiferroic LuFe ₂ O ₄ . Journal of Physics Condensed Matter, 2010, 22, 496001.	0.7	13
169	Determination of magnetic anisotropies in ultrathin iron films on vicinal Si(111) substrate by the ferromagnetic resonance. Applied Physics Letters, 2010, 96, 142511.	1.5	21
170	Multiferroicity and magnetoelectric coupling in half-doped manganite La _{0.5} Ca _{0.5} MnO ₃ . Applied Physics Letters, 2010, 97, 092501.	1.5	30
171	Electrical control of magnetization in charge-ordered multiferroic $LuFe_2O_4$. Physical Review B, 2009, 79, .	1.1	41
172	Electron spin resonance and AC susceptibility studies on La _{0.9} Pb _{0.1} MnO ₃ single crystals. Materials Letters, 2009, 63, 1528-1530.	1.3	3
173	Improvement of refrigerant capacity of La _{0.67} Ca _{0.33} MnO ₃ single crystal with a few percent Fe doping. Science in China Series G: Physics, Mechanics and Astronomy, 2009, 52, 809-812.	0.2	1
174	Anisotropic spin correlations in bilayered La _{1.1} Sr _{1.9} Mn ₂ O ₇ investigated by electron spin resonance. Solid State Communications, 2009, 149, 400-403.	0.9	1
175	Ferromagnetic spin fluctuations in antiferromagnetic Pr _{1-x} Ca _x MnO ₃ : An ESR study. Journal of Magnetism and Magnetic Materials, 2009, 321, 88-90.	1.0	2
176	Electron spin resonance study of Fe doping effect in La _{0.67} Ca _{0.33} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2009, 321, 1159-1162.	1.0	8
177	Contribution of magnetostatic interaction to magnetization reversal of Fe ₃ Pt nanowires arrays: A micromagnetic simulation. Journal of Magnetism and Magnetic Materials, 2009, 321, 2737-2741.	1.0	12
178	Evolution of the inter-layer coupling in bilayered manganites revealed by ferromagnetic resonance spectra. Journal of Physics Condensed Matter, 2009, 21, 026015.	0.7	0
179	Simple Catalyst-Free Method to the Synthesis of β -SiC Nanowires and Their Field Emission Properties. Journal of Physical Chemistry C, 2009, 113, 15969-15973.	1.5	74
180	Uniaxial magnetic anisotropy of quasi-one-dimensional Fe chains on Pb δ -Si. Applied Physics Letters, 2009, 94, 012504.	1.5	15

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181	Electric field induced phase transition in charge-ordered LuFe ₂ O ₄ . Applied Physics Letters, 2008, 93, 152103.	1.5	47
182	Intrinsic exchange bias effect in phase-separated La _{0.82} Sr _{0.18} CoO ₃ single crystal. Journal of Physics Condensed Matter, 2008, 20, 445209.	0.7	21
183	Magnetic aging above the freezing temperature in La _{0.82} Sr _{0.18} CoO ₃ . Journal of Physics Condensed Matter, 2008, 20, 095208.	0.7	13
184	Structure and magnetic properties of the self-assembled Co ₅₂ Pt ₄₈ nanowire arrays. Applied Physics Letters, 2008, 92, .	1.5	14
185	Room temperature giant dielectric tunability effect in bulk LuFe ₂ O ₄ . Applied Physics Letters, 2008, 92, .	1.5	64
186	Influence of Mg doping on the giant dielectric tunability in LuFe ₂ O ₄ . Journal of Applied Physics, 2008, 104, 104112.	1.1	15
187	Electron spin resonance study of spin correlations in charge-ordered La ²⁺ _x Sr _{1+2x} Mn ₂ O ₇ (x=0.6). Journal of Applied Physics, 2008, 104, 043910.	1.1	3
188	Origin of glassy magnetic behaviour in the bilayered manganite (La _{0.5} Nd _{0.5}) _{1.2} Sr _{1.8} Mn ₂ O ₇ . Journal of Physics Condensed Matter, 2007, 19, 276209.	0.7	0
189	Experimental evidence of magnetization modification by superconductivity in a $\text{Ni}_{81}\text{Nb}\text{Fe}_{19}\text{Mn}_{19}$ multilayer. Physical Review B, 2007, 76, .	1.1	21
190	Observation of a Griffiths-like phase in bilayered manganites. Applied Physics Letters, 2007, 90, 032502.	1.5	26
191	Structural, magnetic, and electrical properties of La ^x Nd _x Mn _{0.8} Cr _{0.2} O ₃ (x=1/2, 0.3). Physica B: Condensed Matter, 2007, 394, 104-110.	1.3	15
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