Young Sun

List of Publications by Year
in descending order

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226 papers	9,749 citations	41339 49 h-index	42393 92 g-index
231 all docs	231 docs citations	231 times ranked	11320 citing authors

#	Article	IF	Citations
1	Weyl semimetal phase in the non-centrosymmetric compound TaAs. Nature Physics, 2015, 11, 728-732.	16.7	796
2	Magnetic Weyl semimetal phase in a KagomÃ© crystal. Science, 2019, 365, 1282-1285.	12.6	518
3	Signature of type-II Weyl semimetal phase in MoTe2. Nature Communications, 2017, 8, 13973.	12.8	358
4	White Stacked Electrophosphorescent Organic Light-Emitting Devices Employing MoO3 as a Charge-Generation Layer. Advanced Materials, 2006, 18, 339-342.	21.0	356
5	Allâ€Solidâ€State Synaptic Transistor with Ultralow Conductance for Neuromorphic Computing. Advanced Functional Materials, 2018, 28, 1804170.	14.9	335
6	Electric-Field Control of Nonvolatile Magnetization in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Co</mml:mi><mml:mn>40</mml:mn></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:m mathvariant="normal">B</mml:mi><mml:mn>20</mml:mn></mml:msub><mml:mo>/</mml:mo><mml:mi>Pb</mml:mi><mml:mo		

#	Article	IF	Citations
19	Large magnetic entropy change in the colossal magnetoresistance material La2/3Ca1/3MnO3. Journal of Magnetism and Magnetic Materials, 2000, 219, 183-185.	2.3	102
20	Observation of Magnetodielectric Effect in a Dysprosium-Based Single-Molecule Magnet. Journal of the American Chemical Society, 2018, 140, 7795-7798.	13.7	99
21	Giant magnetoelectric effects achieved by tuning spin cone symmetry in Y-type hexaferrites. Nature Communications, 2017, 8, 519.	12.8	97
22	Effects of hydrostatic pressure on spin-lattice coupling in two-dimensional ferromagnetic Cr2Ge2Te6. Applied Physics Letters, 2018, 112, .	3.3	94
23	Possible double-exchange interaction between manganese and chromium inLaMn1â^'xCrxO3. Physical Review B, 2001, 63, .	3.2	91
24	Large magnetic entropy change above 300K in La0.67Sr0.33Mn0.9Cr0.1O3. Journal of Magnetism and Magnetic Materials, 2001, 232, 205-208.	2.3	91
25	Effects of Cr doping inLa0.67Ca0.33MnO3:Magnetization, resistivity, and thermopower. Physical Review B, 2000, 63, .	3.2	87
26	Chiral Weyl Pockets and Fermi Surface Topology of the Weyl Semimetal TaAs. Physical Review Letters, 2016, 117, 146401.	7.8	83
27	Glassy magnetic behavior in the phase-separated perovskite cobaltites. Physical Review B, 2006, 73, .	3.2	81
28	Variable-range hopping of small polarons in mixed-valence manganites. Journal of Physics Condensed Matter, 2000, 12, 10475-10480.	1.8	78
29	A spray drying approach for the synthesis of a Na₂C₆H₂O₄/CNT nanocomposite anode for sodium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 13193-13197.	10.3	75
30	Simple Catalyst-Free Method to the Synthesis of Î²-SiC Nanowires and Their Field Emission Properties. Journal of Physical Chemistry C, 2009, 113, 15969-15973.	3.1	74
31	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.	8.0	74
32	Roomâ€Temperature Nonvolatile Memory Based on a Singleâ€Phase Multiferroic Hexaferrite. Advanced Functional Materials, 2018, 28, 1705771.	14.9	73
33	Effects of Ga doping in the colossal magnetoresistance materialLa0.67Ca0.33MnO3. Physical Review B, 1999, 60, 12317-12321.	3.2	71
34	Cooling field dependence of exchange bias in phase-separated La0.88Sr0.12CoO3. Journal of Applied Physics, 2006, 100, 023914.	2.5	71
35	High-temperature ferroelectricity and strong magnetoelectric effects in a hybrid organic-inorganic perovskite framework. Physica Status Solidi - Rapid Research Letters, 2015, 9, 62-67.	2.4	70
36	Quantum Tunneling of Magnetization in a Metal-Organic Framework. Physical Review Letters, 2014, 112, 017202.	7.8	68

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37	Uniaxial ferroelectric quantum criticality in multiferroic hexaferrites BaFe12O19 and SrFe12O19. Scientific Reports, 2016, 6, 25724.	3.3	66
38	Mimicking Synaptic Plasticity and Neural Network Using Memtranstors. Advanced Materials, 2018, 30, e1706717.	21.0	66
39	Tuning colossal magnetoresistance response by Cr substitution in La0.67Sr0.33MnO3. Applied Physics Letters, 2001, 78, 643-645.	3.3	65
40	Low magnetic field reversal of electric polarization in a Y-type hexaferrite. Applied Physics Letters, 2012, 100, .	3.3	65
41	Magnetic ion-induced displacive electric polarization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Fe</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math>bipyramidal units of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mi>Ba</mml:mi><mml:mi mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal". Physical Review B, 2014, 90, .	3.2	65
42	Room temperature giant dielectric tunability effect in bulk LuFe2O4. Applied Physics Letters, 2008, 92, .	3.3	64
43	Real-Space Observation of Nonvolatile Zero-Field Biskyrmion Lattice Generation in MnNiGa Magnet. Nano Letters, 2017, 17, 7075-7079.	9.1	64
44	Electrochemical-reaction-induced synaptic plasticity in MoO_x-based solid state electrochemical cells. Physical Chemistry Chemical Physics, 2017, 19, 4190-4198.	2.8	62
45	Nonvolatile Memory Based on Nonlinear Magnetoelectric Effects. Physical Review Applied, 2016, 6, .	3.8	61
46	Quantum electric-dipole liquid on a triangular lattice. Nature Communications, 2016, 7, 10569.	12.8	55
47	Giant intrinsic spin Hall effect in W ₃ Ta and other A15 superconductors. Science Advances, 2019, 5, eaav8575.	10.3	52
48	High electron mobility and large magnetoresistance in the half-Heusler semimetal LuPtBi. Physical Review B, 2015, 92, .	3.2	51
49	Difference frequency generation in topological semimetals. Physical Review Research, 2020, 2, .	3.6	51
50	Realization of Large Electric Polarization and Strong Magnetoelectric Coupling in BiMn₃Cr₄O₁₂. Advanced Materials, 2017, 29, 1703435.	21.0	50
51	Electric control of magnetism in a multiferroic metalâ€“organic framework. Physica Status Solidi - Rapid Research Letters, 2014, 8, 91-94.	2.4	49
52	A multilevel nonvolatile magnetoelectric memory. Scientific Reports, 2016, 6, 34473.	3.3	48
53	Electric field induced phase transition in charge-ordered LuFe2O4. Applied Physics Letters, 2008, 93, 152103.	3.3	47
54	Magnetic field reversal of electric polarization and magnetoelectric phase diagram of the hexaferrite Ba1.3Sr0.7Co0.9Zn1.1Fe10.8Al1.2O22. Applied Physics Letters, 2014, 104, .	3.3	47

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55	Moisture effects on the electrochemical reaction and resistance switching at Ag/molybdenum oxide interfaces. Physical Chemistry Chemical Physics, 2016, 18, 12466-12475.	2.8	46
56	Oriented-assembly of hollow FePt nanochains with tunable catalytic and magnetic properties. Nanoscale, 2016, 8, 11432-11440.	5.6	45
57	Progress on Emerging Ferroelectric Materials for Energy Harvesting, Storage and Conversion. Advanced Energy Materials, 2022, 12, .	19.5	45
58	Pressure enhancement of the giant magnetocaloric effect in LaFe11.6Si1.4. Applied Physics Letters, 2006, 89, 172513.	3.3	42
59	Magnetocaloric effect in polycrystalline (La0.5Gd0.2)Sr0.3MnO3. Journal of Magnetism and Magnetic Materials, 2002, 238, 25-28.	2.3	41
60	Electrical control of magnetization in charge-ordered multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LuFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2009, 79, .	3.2	41
61	Topological Lifshitz transitions and Fermi arc manipulation in Weyl semimetal NbAs. Nature Communications, 2019, 10, 3478.	12.8	41
62	Tuning of magnetocaloric effect in a La0.69Ca0.31MnO3 single crystal by pressure. Applied Physics Letters, 2006, 88, 102505.	3.3	39
63	Nonvolatile electric-field control of magnetization in a Y-type hexaferrite. Scientific Reports, 2015, 5, 8254.	3.3	39
64	Magnetism, electronic transport, and colossal magnetoresistance of(La0.7â^'xGdx)Sr0.3MnO3(0<~x<~0.6). Physical Review B, 2002, 66, .	3.2	38
65	Spin-induced multiferroicity in the binary perovskite manganite Mn2O3. Nature Communications, 2018, 9, 2996.	12.8	38
66	Proximity effect between a topological insulator and a magnetic insulator with large perpendicular anisotropy. Applied Physics Letters, 2014, 105, 092411.	3.3	37
67	Magnetocaloric effect and temperature coefficient of resistance of La2/3(Ca,Pb)1/3MnO3. Journal of Applied Physics, 2002, 92, 3235-3238.	2.5	36
68	Origin of ferromagnetism and oxygen-vacancy ordering induced cross-controlled magnetoelectric effects at room temperature. Journal of Applied Physics, 2012, 111, .	2.5	35
69	Strain-Mediated Coexistence of Volatile and Nonvolatile Converse Magnetoelectric Effects in Fe/Pb(Mg_{1/3}Nb_{2/3})_{0.7}Ti_{0.3}O₃ Heterostructure. ACS Applied Materials & Interfaces, 2017, 9, 20637-20647.	8.0	32
70	Nanomagnetic CoPt truncated octahedrons: facile synthesis, superior electrocatalytic activity and stability for methanol oxidation. Science China Materials, 2017, 60, 57-67.	6.3	32
71	Double-exchange ferromagnetism and magnetoresistance in LaMn1â^'xCuxO3 (xâ©½0.3). Applied Physics Letters, 2000, 77, 2734-2736.	3.3	31
72	Giant magnetothermopower associated with large magnetoresistance in Ag2â^'ÎTe. Applied Physics Letters, 2003, 82, 1440-1442.	3.3	31

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73	Multiferroicity and magnetoelectric coupling in half-doped manganite La0.5Ca0.5MnO3. Applied Physics Letters, 2010, 97, 092501.	3.3	30
74	Giant exchange bias in a single-phase magnet with two magnetic sublattices. Applied Physics Letters, 2013, 102, .	3.3	30
75	K₃Li₃Gd₇(BO₃)₉: A New Gadoliniumâ€Rich Orthoborate for Cryogenic Magnetic Cooling. Chemistry - A European Journal, 2018, 24, 3147-3150.	3.3	30
76	Pressure tuning the Fermi surface topology of the Weyl semimetal NbP. Physical Review B, 2016, 93, .	3.2	29
77	Melting transition of directly linked gold nanoparticle DNA assembly. Physica A: Statistical Mechanics and Its Applications, 2005, 350, 89-94.	2.6	28
78	Spontaneous magnetization and resistivity steps in the bilayered manganite(La0.5Nd0.5)1.2Sr1.8Mn2O7. Physical Review B, 2006, 74, .	3.2	27
79	Hidden spin-order-induced room-temperature ferroelectricity in a peculiar conical magnetic structure. Physical Review B, 2017, 95, .	3.2	27
80	Observation of a Griffiths-like phase in bilayered manganites. Applied Physics Letters, 2007, 90, 032502.	3.3	26
81	Possible Evidence for Spin-Transfer Torque Induced by Spin-Triplet Supercurrents. Chinese Physics Letters, 2018, 35, 077401.	3.3	26
82	Electromagnon in the Y-type hexaferrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaSrCoZnFe</mml:mi><mml:mn>11</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2018, 97, .	3.2	25
83	Multiferroic and thermal expansion properties of metal-organic frameworks. Journal of Applied Physics, 2020, 127, .	2.5	25
84	Positron Lifetime as a Nanoprobe for Free Volume Distribution in High Density Polyethyleneâ€“Carbon Black Conducting Composites. Physica Status Solidi A, 1998, 169, 115-125.	1.7	24
85	Effects of Fe doping inLa0.67Sr0.33CoO3. Physical Review B, 2000, 62, 5289-5292.	3.2	24
86	Time-dependent magnetoelectric effect in Fe/Pb(Mg1/3Nb2/3)0.7Ti0.3O3 heterostructure: A ferromagnetic resonance study. Applied Physics Letters, 2013, 103, .	3.3	24
87	Interface-modification-enhanced tunnel electroresistance in multiferroic tunnel junctions. Journal of Applied Physics, 2014, 116, .	2.5	24
88	Toward the complete relational graph of fundamental circuit elements. Chinese Physics B, 2015, 24, 068402.	1.4	24
89	Nonvolatile transtance change random access memory based on magnetoelectric P(VDF-TrFE)/Metglas heterostructures. Applied Physics Letters, 2016, 109, .	3.3	24
90	Magnetic-Field Tuning of Hydrogen Bond Order-Disorder Transition in Metal-Organic Frameworks. Physical Review Letters, 2019, 122, 255701.	7.8	24

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91	Persistent multiferroicity without magnetoelectric effects in CuO. Journal of Applied Physics, 2011, 110, 054106.	2.5	23
92	Nonvolatile Multilevel Memory and Boolean Logic Gates Based on a Single Ni/[Pb(Mg1/3Nb2/3)O3]0.7[PbTiO3]0.3/Ni Heterostructure. Physical Review Applied, 2016, 6, .	3.8	23
93	Electromagnon in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Z</mml:mi></mml:math>-type hexaferrite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi Physical Review B, 2016, 94, .	3.2	23
94	Emergent multiferroism with magnetodielectric coupling in EuTiO3 created by a negative pressure control of strong spin-phonon coupling. Nature Communications, 2022, 13, 2364.	12.8	23
95	The reversible phase transition of DNA-linked colloidal gold assemblies. Physica A: Statistical Mechanics and Its Applications, 2005, 354, 1-9.	2.6	21
96	Experimental evidence of magnetization modification by superconductivity in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Nb</mml:mi><mml:mo>â^•</mml:mo><mml:msub><mml:mi mathvariant="normal">Ni</mml:mi><mml:mn>81</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Fe</mml:mi><mml:mn>19</mml:mn></mml:msub></mml:mrow></mml:math>multilayer. Physical Review B, 2007, 76, .	3.2	21
97	Intrinsic exchange bias effect in phase-separated La_{0.82}Sr_{0.18}CoO₃single crystal. Journal of Physics Condensed Matter, 2008, 20, 445209.	1.8	21
98	Infrared study of the charge-ordered multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LuFe</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2010, 81, .	3.2	21
99	Reversible ultraviolet light-manipulated superhydrophobic-to-superhydrophilic transition on a tubular SiC nanostructure film. Applied Physics Letters, 2010, 97, .	3.3	21
100	Determination of magnetic anisotropies in ultrathin iron films on vicinal Si(111) substrate by the ferromagnetic resonance. Applied Physics Letters, 2010, 96, 142511.	3.3	21
101	Observation of the topological surface state in the nonsymmorphic topological insulator KHgSb. Physical Review B, 2017, 96, .	3.2	21
102	Orthoborates LiCdRE₅(BO₃)₆ (RE = Smâ€“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.	4.0	20
103	Large linear magnetoelectric effect and field-induced ferromagnetism and ferroelectricity in DyCrO4. NPG Asia Materials, 2019, 11, .	7.9	19
104	Slight La doping induced ferromagnetic clusters in layeredLa3â^'3xSr1+3xMn3O10(x=1.00,0.99,0.95). Physical Review B, 2005, 72, .	3.2	18
105	Spin-driven multiferroics in BaYFeO4. Journal of Applied Physics, 2015, 117, .	2.5	18
106	Strong spin-orbit coupling and Dirac nodal lines in the three-dimensional electronic structure of metallic rutile <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>IrO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml Physical Review B, 2019, 99, .	3.2	18
107	Magnetoelectric phase transition driven by interfacial-engineered Dzyaloshinskii-Moriya interaction. Nature Communications, 2021, 12, 5453.	12.8	18
108	Anisotropic magnetoresistance in polycrystalline La_{0.67}(Ca_{1â^'x}Sr_x)_{0.33}MnO₃. Journal Physics D: Applied Physics, 2012, 45, 245001.	2.8	17

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109	Room-temperature magnetoelectric effects in multiferroic Y-type hexaferrites. Journal Physics D: Applied Physics, 2018, 51, 264002.	2.8	17
110	Metastable states in the frustrated triangular compounds <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ca</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi>Sr</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>22</mml:mn></mml:mrow></mml:mmultiscripts><mml:mo>/</mml:mo><mml:mrow><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>22</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	3.2	17
111			
112	Pressure tuning of the anomalous Hall effect in the chiral antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Mn</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2020, 4, .	2.4	17
113	Multiferroics and magnetoelectric effects in charge ordered compounds. Science China: Physics, Mechanics and Astronomy, 2013, 56, 222-231.	5.1	16
114	Magnetic domain-wall motion twisted by nanoscale probe-induced spin transfer. Physical Review B, 2014, 90, .	3.2	16
115	Lowâ€Temperature Phase Transition in <scp><scp>AgNbO</scp></scp>₃. Journal of the American Ceramic Society, 2014, 97, 1895-1898.	3.8	16
116	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.	6.1	16
117	Large pyroelectric and thermal expansion coefficients in the [(CH3)2NH2]Mn (HCOO)3 metal-organic framework. Applied Physics Letters, 2017, 111, .	3.3	16
118	Direct observation of the spinâ€“orbit coupling effect in magnetic Weyl semimetal Co3Sn2S2. Npj Quantum Materials, 2022, 7, .	5.2	16
119	Colossal electroresistance and low-field colossal magnetoresistance in the single-crystal bilayered manganiteLa1.2Sr1.8Mn2O7. Physical Review B, 2006, 73, .	3.2	15
120	Structural, magnetic, and electrical properties of La1â^'xNdxMn0.8Cr0.2O3 (xâ©½0.3). Physica B: Condensed Matter, 2007, 394, 104-110.	2.7	15
121	Phase Transition and Optical Properties of DNAâ€“Gold Nanoparticle Assemblies. Plasmonics, 2007, 2, 193-199.	3.4	15
122	Influence of Mg doping on the giant dielectric tunability in LuFe2O4. Journal of Applied Physics, 2008, 104, 104112.	2.5	15
123	Uniaxial magnetic anisotropy of quasi-one-dimensional Fe chains on Pbâ•Si. Applied Physics Letters, 2009, 94, 012504.	3.3	15
124	Manipulating multiple order parameters via oxygen vacancies: The case of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">E</mml:mi><mml:msub><mml:mi mathvariant="normal">u</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:mi>Ti</mml:mi><mml:msub	3.2	15
125	Proton-free electron-trapping feature of titanium dioxide nanoparticles without the characteristic blue color. Communications Chemistry, 2019, 2, .	4.5	15
126	Reversibility of spin-induced electric polarization in multiferroic hexaferrites. Physical Review B, 2019, 100, .	3.2	15

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127	Nonvolatile Memory and Artificial Synapse Based on the Cu/P(VDF-TrFE)/Ni Organic Memtranstor. ACS Applied Materials & Interfaces, 2020, 12, 4673-4677.	8.0	15
128	Extraordinary colossal magnetoresistance in La0.67Ca0.33Mn1â^'xCrxO3 (xâ©½0.3). Journal of Magnetism and Magnetic Materials, 2001, 231, 195-198.	2.3	14
129	Structure and magnetic properties of the self-assembled Co52Pt48 nanowire arrays. Applied Physics Letters, 2008, 92, .	3.3	14
130	Probing ferromagnetic/ferroelectric interfaces via spin wave resonance. Applied Physics Letters, 2013, 102, .	3.3	14
131	Multiphononî³-vibrational bands in theî³-soft nucleus138Nd. Physical Review C, 2013, 87, .	2.9	14
132	Magnetic aging above the freezing temperature in La_{0.82}Sr_{0.18}CoO₃. Journal of Physics Condensed Matter, 2008, 20, 095208.	1.8	13
133	Electrically driven magnetic relaxation in multiferroic LuFe₂O₄. Journal of Physics Condensed Matter, 2010, 22, 496001.	1.8	13
134	A magnetoelectric multiglass state in multiferroic YbFe2O4. Journal of Applied Physics, 2012, 111, 07D902.	2.5	13
135	Giant magnetostriction and nonsaturating electric polarization up to 60 T in the polar magnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>CaBa</mml:mi><mml:msub><mml:mi>Co</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	3.2	13
136	Sunet al.Reply:. Physical Review Letters, 2004, 93, .	7.8	12
137	Glassy Vortex Dynamics Induced by a Random Array of Magnetic Particles above a Superconductor. Physical Review Letters, 2004, 92, 097002.	7.8	12
138	Contribution of magnetostatic interaction to magnetization reversal of Fe3Pt nanowires arrays: A micromagnetic simulation. Journal of Magnetism and Magnetic Materials, 2009, 321, 2737-2741.	2.3	12
139	Magnetoelectric multiferroicity and quantum paraelectricity in hexaferrites. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	5.1	12
140	Topological Lifshitz transition of the intersurface Fermi-arc loop in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NbIrTe</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2020, 102, .	3.2	12
141	Anisotropic and large low-field magnetic entropy change in a La4/3Sr5/3Mn2O7 single crystal. Journal of Magnetism and Magnetic Materials, 2007, 309, 149-152.	2.3	11
142	Identification of a quasiparticle band in very neutron-rich<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">Zr</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>104</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2010, 82, .	2.9	11
143	Pressure effects on multiferroic LuFe2O4. Applied Physics Letters, 2010, 96, .	3.3	11
144	Exchange bias field induced symmetry-breaking of magnetization rotation in two-dimension. Applied Physics Letters, 2014, 105, 152402.	3.3	11

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145	Generalized isobaric multiplet mass equation and its application to the Nolen-Schiffer anomaly. Physical Review C, 2018, 97, .	2.9	11
146	Electric control of exchange bias in multiferroic hexaferrite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mrow><mml:mn>0.4</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>1.6</mml:mn></mml:mrow></mml:msub><mml:mi	3.2	11
147	Mode-Resolved Detection of Magnetization Dynamics Using X-ray Diffractive Ferromagnetic Resonance. Nano Letters, 2020, 20, 345-352.	9.1	11
148	Reversible Switchability of Magnetic Anisotropy and Magnetodielectric Effect Induced by Intermolecular Motion. Angewandte Chemie - International Edition, 2022, 61, .	13.8	11
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