Jin-Bo Yang

List of Publications by Year
in descending order

175 papers	5,518 citations	71102 41 h-index	102487 66 g-index
177 all docs	177 docs citations	177 times ranked	5492 citing authors

#	Article	IF	Citations
1	Quantum spin Hall insulators and quantum valley Hall insulators of BiX/SbX (X=H, F, Cl and Br) monolayers with a record bulk band gap. NPG Asia Materials, 2014, 6, e147-e147.	7.9	242
2	Interfacial Properties of Monolayer and Bilayer MoS2 Contacts with Metals: Beyond the Energy Band Calculations. Scientific Reports, 2016, 6, 21786.	3.3	224
3	Monolayer Phosphoreneâ€“Metal Contacts. Chemistry of Materials, 2016, 28, 2100-2109.	6.7	199
4	High-performance sub-10 nm monolayer Bi₂O₂Se transistors. Nanoscale, 2019, 11, 532-540.	5.6	196
5	Does p-type ohmic contact exist in WSe₂â€“metal interfaces?. Nanoscale, 2016, 8, 1179-1191.	5.6	166
6	Magnetic properties of the MnBi intermetallic compound. Applied Physics Letters, 2001, 79, 1846-1848.	3.3	147
7	Low-energy effective Hamiltonian for giant-gap quantum spin Hall insulators in honeycomb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>X</mml:mi></mml:math>-hydride/halide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:mi>X</mml:mi><mml:mo>=</mml:mo><mml:mi) T 2014, 90, .	3.2	119
8	Anisotropic nanocrystalline MnBi with high coercivity at high temperature. Applied Physics Letters, 2011, 99, 082505.	3.3	115
9	Tunable magnetic and microwave absorption properties of Sm1.5Y0.5Fe17-xSix and their composites. Acta Materialia, 2018, 145, 331-336.	7.9	115
10	Comprehensive study of the resistance switching in SrTiO3 and Nb-doped SrTiO3. Applied Physics Letters, 2011, 98, .	3.3	110
11	Many-Body Effect and Device Performance Limit of Monolayer InSe. ACS Applied Materials & Interfaces, 2018, 10, 23344-23352.	8.0	98
12	Performance Upper Limit of subâ€10 nm Monolayer MoS₂ Transistors. Advanced Electronic Materials, 2016, 2, 1600191.	5.1	97
13	Schottky barrier heights in two-dimensional field-effect transistors: from theory to experiment. Reports on Progress in Physics, 2021, 84, 056501.	20.1	97
14	Does the Dirac Cone Exist in Silicene on Metal Substrates?. Scientific Reports, 2014, 4, 5476.	3.3	92
15	Harnessing Orbital-to-Spin Conversion of Interfacial Orbital Currents for Efficient Spin-Orbit Torques. Physical Review Letters, 2020, 125, 177201.	7.8	92
16	Tailoring Co3d and O2p Band Centers to Inhibit Oxygen Escape for Stable 4.6â€…V LiCoO₂ Cathodes. Angewandte Chemie - International Edition, 2021, 60, 27102-27112.	13.8	89
17	Monolayer tellureneâ€“metal contacts. Journal of Materials Chemistry C, 2018, 6, 6153-6163.	5.5	81
18	Sub-10Ânm two-dimensional transistors: Theory and experiment. Physics Reports, 2021, 938, 1-72.	25.6	80

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19	Simultaneously tuning cationic and anionic redox in a P2-Na_{0.67}Mn_{0.75}Ni_{0.25}O₂ cathode material through synergic Cu/Mg co-doping. Journal of Materials Chemistry A, 2019, 7, 9099-9109.	10.3	76
20	Monolayer Bismuthene-Metal Contacts: A Theoretical Study. ACS Applied Materials & Interfaces, 2017, 9, 23128-23140.	8.0	73
21	Interfacial Dzyaloshinskii-Moriya interaction and chiral magnetic textures in a ferrimagnetic insulator. Physical Review B, 2019, 100, .	3.2	73
22	Three-layer phosphorene-metal interfaces. Nano Research, 2018, 11, 707-721.	10.4	72
23	Epitaxial growth of Y3Fe5O12 thin films with perpendicular magnetic anisotropy. Applied Physics Letters, 2017, 110, .	3.3	71
24	Interfacial Properties of Monolayer MoSe₂â€“Metal Contacts. Journal of Physical Chemistry C, 2016, 120, 13063-13070.	3.1	70
25	Can a Black Phosphorus Schottky Barrier Transistor Be Good Enough?. ACS Applied Materials & Interfaces, 2017, 9, 3959-3966.	8.0	70
26	Sub 10 nm Bilayer Bi₂O₂Se Transistors. Advanced Electronic Materials, 2019, 5, 1800720.	5.1	70
27	Excellent Device Performance of Subâ€5â€nm Monolayer Tellurene Transistors. Advanced Electronic Materials, 2019, 5, 1900226.	5.1	65
28	Magnetic Structure and Metamagnetic Transitions in the van der Waals Antiferromagnet CrPS₄. Advanced Materials, 2020, 32, e2001200.	21.0	60
29	Allâ€Metallic Vertical Transistors Based on Stacked Dirac Materials. Advanced Functional Materials, 2015, 25, 68-77.	14.9	59
30	Ï„-MnAl with high coercivity and saturation magnetization. AIP Advances, 2014, 4, .	1.3	58
31	Improving the cycling and air-storage stability of LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ through integrated surface/interface/doping engineering. Journal of Materials Chemistry A, 2020, 8, 5234-5245.	10.3	56
32	Electrical contacts in monolayer blue phosphorene devices. Nano Research, 2018, 11, 1834-1849.	10.4	55
33	Understanding the Enhancement Mechanism of A-Site-Deficient La_{<i>x</i>}NiO₃ as an Oxygen Redox Catalyst. Chemistry of Materials, 2020, 32, 1864-1875.	6.7	54
34	Room-Temperature Ferroelectricity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mn>1</mml:mn><mml:msup><mml:mrow><mml:mi mathvariant="normal">T</mml:mi></mml:mrow><mml:mrow><mml:mo>â€²</mml:mo></mml:mrow></mml:msup></mml:mrow></mm - <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>ReS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></m Multilayers. Physical Review Letters, 2022, 128, 067601.	7.8	52
35	Vapor Deposition of Magnetic Van der Waals NiI₂ Crystals. ACS Nano, 2020, 14, 10544-10551.	14.6	51
36	Coercivity enhancement in Dy-free Ndâ€“Feâ€“B sintered magnets by using Pr-Cu alloy. Journal of Applied Physics, 2014, 115, .	2.5	50

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37	Spontaneous valley splitting and valley pseudospin field effect transistors of monolayer VAgP₂Se₆. Nanoscale, 2018, 10, 13986-13993.	5.6	50
38	Research and development of high-performance new microwave absorbers based on rare earth transition metal compounds: A review. Journal of Magnetism and Magnetic Materials, 2020, 497, 165961.	2.3	47
39	Observation of the Orbital Rashba-Edelstein Magnetoresistance. Physical Review Letters, 2022, 128, 067201.	7.8	46
40	Crystal structure, magnetic properties, and MÃ¶ssbauer studies ofLa0.6Sr0.4FeO3â^'Î´prepared by quenching in different atmospheres. Physical Review B, 2002, 66, .	3.2	45
41	Damage Tolerance and Extensive Plastic Deformation of Î²â€Yb₂Si₂O₇ from Room to High Temperatures. Journal of the American Ceramic Society, 2015, 98, 2843-2851.	3.8	45
42	Preparation and magnetic properties of MnBi. Journal of Applied Physics, 2012, 111, .	2.5	43
43	Silicene nanomesh. Scientific Reports, 2015, 5, 9075.	3.3	42
44	Schottky Contact in Monolayer WS₂ Fieldâ€Effect Transistors. Advanced Theory and Simulations, 2019, 2, 1900001.	2.8	42
45	Magnetic properties and magnetic domain structures of NdFe10.5Mo1.5 and NdFe10.5Mo1.5Nx. Applied Physics Letters, 1997, 71, 3290-3292.	3.3	41
46	Improvement of coercivity and thermal stability of anisotropic Nd13Fe79.4B7Nb0.3Ga0.3 powders by diffusion of Pr-Cu alloys. Applied Physics Letters, 2012, 100, .	3.3	38
47	Spin Hall effect of light reflected from a magnetic thin film. Applied Physics Letters, 2012, 101, .	3.3	36
48	Improving the Performance of Layered Oxide Cathode Materials with Footballâ€Like Hierarchical Structure for Naâ€Ion Batteries by Incorporating Mg²⁺ into Vacancies in Naâ€Ion Layers. ChemSusChem, 2018, 11, 1223-1231.	6.8	35
49	Modulating the Electrochemical Performances of Layered Cathode Materials for Sodium Ion Batteries through Tuning Coulombic Repulsion between Negatively Charged TMO₂ Slabs. ACS Applied Materials & Interfaces, 2018, 10, 1707-1718.	8.0	34
50	2D FeOCl: A Highly Inâ€Plane Anisotropic Antiferromagnetic Semiconductor Synthesized via Temperatureâ€Oscillation Chemical Vapor Transport. Advanced Materials, 2022, 34, e2108847.	21.0	34
51	n-Type Ohmic contact and p-type Schottky contact of monolayer InSe transistors. Physical Chemistry Chemical Physics, 2018, 20, 24641-24651.	2.8	33
52	High frequency electromagnetic properties of interstitial-atom-modified Ce2Fe17NX and its composites. Applied Physics Letters, 2014, 105, .	3.3	32
53	Monolayer GaS with high ion mobility and capacity as a promising anode battery material. Journal of Materials Chemistry A, 2019, 7, 14042-14050.	10.3	32
54	Structural properties and large coercivity of bulk Mn3â^'<i>x</i>Ga (0 â‰ <i>x</i> â‰ 1.15). Journal of Applied Physics, 2014, 115, .	2.5	31

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55	Preparation and magnetic properties of MnBi-based hard/soft composite magnets. Journal of Applied Physics, 2014, 115, .	2.5	29
56	Dual regulation of Li⁺ migration of Li_{6.4}La₃Zr_{1.4}M_{0.6}O₁₂ (MÂ=ÂSb, Ta, Nb) by bottleneck size and bond length of Mâ˘'O. Journal of the American Ceramic Society, 2020, 103, 2483-2490.	3.8	29
57	Monolayer Honeycomb Borophene: A Promising Anode Material with a Record Capacity for Lithium-Ion and Sodium-Ion Batteries. Journal of the Electrochemical Society, 2020, 167, 090527.	2.9	28
58	Structure and exchange bias of Ni50Mn37Sn13 ribbons. Journal of Applied Physics, 2012, 111, .	2.5	27
59	A Quaternary van der Waals Ferromagnetic Semiconductor AgVP₂Se₆. Advanced Functional Materials, 2020, 30, 1910036.	14.9	27
60	Ab initiocalculation of interstitial-atom effects inYFe10Mo2X(X=E,H,B,C,N,O,F). Physical Review B, 1997, 56, 15647-15653.	3.2	26
61	One step preparation of pure ?-MnAl phase with high magnetization using strip casting method. AIP Advances, 2017, 7, 056213.	1.3	25
62	Mn-based permanent magnets. Chinese Physics B, 2018, 27, 117503.	1.4	25
63	Transport Anomaly in Perpendicular Magnetic Anisotropic NiCo₂O₄ Thin Films with Column-like Phase Separation. ACS Applied Electronic Materials, 2020, 2, 3964-3970.	4.3	23
64	The effect of samarium substitution on magnetic properties and microwave absorption of the rare earth-iron-boron compounds and composites. Journal of Alloys and Compounds, 2020, 825, 154179.	5.5	23
65	é€šè¿‡ä¸€ç§ŝå…ˆç–ç•¥è°ƒèŠ‚P2åž‹Na0.67Mn0.5Fe0.5O2æ£æžææ–™çš„é˜´/é˜³ç¦»åæ°§åŒ–è¿˜åŽŸå¥º". Science China Materials, 2020,	6.3	23
66	Giant tunnelling electroresistance through 2D sliding ferroelectric materials. Materials Horizons, 2022, 9, 1422-1430.	12.2	23
67	Interfacial Properties of Monolayer Antimonene Devices. Physical Review Applied, 2019, 11, .	3.8	22
68	Layer-Dependent Giant Magnetoresistance in Two-Dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Cr</mml:mi><mml:mi>PS</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml: Magnetic Tunnel Junctions. Physical Review Applied, 2021, 16, .	3.8	22
69	Performance Limit of Ultrathin GaAs Transistors. ACS Applied Materials & Interfaces, 2022, 14, 23597-23609.	8.0	22
70	Trap-assisted tunneling resistance switching effect in CeO2/La0.7(Sr0.1Ca0.9)0.3MnO3 heterostructure. Applied Physics Letters, 2012, 101, .	3.3	21
71	Extreme Suppression of Antiferromagnetic Order and Critical Scaling in a Two-Dimensional Random Quantum Magnet. Physical Review Letters, 2021, 126, 037201.	7.8	21
72	Magnetic Phase Transitions and Magnetoelastic Coupling in a Two-Dimensional Stripy Antiferromagnet. Nano Letters, 2022, 22, 1233-1241.	9.1	21

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73	Coercivity enhancement of anisotropic die-upset Nd-Fe-B powders by Pr-Cu alloy diffusion. Journal of Applied Physics, 2013, 113, .	2.5	20
74	Unusual Fermiâ€Level Pinning and Ohmic Contact at Monolayer Bi 2 O 2 Seâ€“Metal Interface. Advanced Theory and Simulations, 2019, 2, 1800178.	2.8	20
75	Tailoring Co3d and O2p Band Centers to Inhibit Oxygen Escape for Stable 4.6â€…V LiCoO₂ Cathodes. Angewandte Chemie, 2021, 133, 27308-27318.	2.0	20
76	Planar Directionâ€Dependent Interfacial Properties in Monolayer In₂Se₃â€“Metal Contacts. Physica Status Solidi (B): Basic Research, 2020, 257, 1900198.	1.5	19
77	Identifying the origin of the nonmonotonic thickness dependence of spin-orbit torque and interfacial Dzyaloshinskii-Moriya interaction in a ferrimagnetic insulator heterostructure. Physical Review B, 2020, 102, .	3.2	19
78	Sub-5 nm Gate Length Monolayer MoTe₂ Transistors. Journal of Physical Chemistry C, 2021, 125, 19394-19404.	3.1	19
79	Layer-Number-Dependent Antiferromagnetic and Ferromagnetic Behavior in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MnSb</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn Physical Review Letters, 2022, 128, 017201.	7.8	19
80	Stability and its mechanism in Ag/CoOx/Ag interface-type resistive switching device. Scientific Reports, 2016, 6, 35630.	3.3	18
81	Microwave absorbing properties of Y₂Fe₁₆Si micropowders with broad bandwidth and strong absorption. Journal Physics D: Applied Physics, 2020, 53, 115001.	2.8	18
82	Ferromagnetism in two-dimensional <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Fe</mml:mi><mml:mn>3</mml:mn></mml:m ; Tunability by hydrostatic pressure. Physical Review B, 2021, 103, .	3.2	18
83	Self-biased magnetoelectric switching at room temperature in three-phase ferroelectricâ€“antiferromagneticâ€“ferrimagnetic nanocomposites. Nature Electronics, 2021, 4, 333-341.	26.0	18
84	Structural evolution, site ordering and magnetic properties of tetragonal Mn 6â€y Ga 2 + y (0 â‰ y â‰ 1.64). Scripta Materialia, 2017, 129, 6-10.	5.2	17
85	Pervasive Ohmic Contacts in Bilayer Bi₂O₂Seâ€“Metal Interfaces. Journal of Physical Chemistry C, 2019, 123, 8923-8931.	3.1	17
86	The asymmetric magnetization reversal in exchange biased granular Co/CoO films. Applied Physics Letters, 2014, 104, .	3.3	16
87	Tunable Valley Polarization and Valley Orbital Magnetic Moment Hall Effect in Honeycomb Systems with Broken Inversion Symmetry. Scientific Reports, 2015, 5, 13906.	3.3	16
88	Enhancement of exchange bias in ferromagnetic/antiferromagnetic core-shell nanoparticles through ferromagnetic domain wall formation. Physical Review B, 2018, 97, .	3.2	16
89	Can ultra-thin Si FinFETs work well in the sub-10 nm gate-length region?. Nanoscale, 2021, 13, 5536-5544.	5.6	15
90	Magnetic properties and magnetocaloric effect of (Mn1â<i>x</i>Fe<i>x</i>)5Sn3 (<i>x</i>â€‰=â€‰0â€“0.5) compounds. Journal of Applied Physics, 2013, 113, .	2.5	14

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91	Bilayer Tellurene: A Potential pâ€Type Channel Material for Subâ€10 nm Transistors. Advanced Theory and Simulations, 2021, 4, 2000252.	2.8	14
92	Free-standing 2D non-van der Waals antiferromagnetic hexagonal FeSe semiconductor: halide-assisted chemical synthesis and Fe²⁺ related magnetic transitions. Chemical Science, 2021, 13, 203-209.	7.4	14
93	Bifurcation of a topological skyrmion string. Physical Review B, 2022, 105, .	3.2	14
94	Stepwise work hardening induced by individual grain boundary in Cu bicrystal micropillars. Scientific Reports, 2015, 5, 15631.	3.3	13
95	Exchange bias of CoO1âˆ'Î'/(NiFe,Fe) system with blocking temperature beyond NÃ©el temperature of bulk CoO. Applied Physics Letters, 2015, 107, .	3.3	13
96	Research and Development of Interstitial Compounds. IEEE Transactions on Magnetics, 2015, 51, 1-6.	2.1	13
97	n- and p-type ohmic contacts at monolayer gallium nitrideâ€"metal interfaces. Physical Chemistry Chemical Physics, 2018, 20, 24239-24249.	2.8	13
98	Computational Study of Ohmic Contact at Bilayer InSe-Metal Interfaces: Implications for Field-Effect Transistors. ACS Applied Nano Materials, 2019, 2, 6898-6908.	5.0	13
99	Crystal structure, magnetic and microwave absorption properties of Ce_{2âˆ'x}Sm_xFe₁₇N_{3âˆ'<i>Î´</i>}/paraffin composites. Materials Research Express, 2019, 6, 016103.	1.6	13
100	A new quantitative analysis method for electromagnetic energy dissipation in microwave absorption materials. Journal of Magnetism and Magnetic Materials, 2020, 516, 167332.	2.3	13
101	Tunable giant exchange bias in the single-phase rare-earthâ€"transition-metal intermetallics <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>YM</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mrow><mml:mn>12</mml:mn><mml:mo>âˆ'</mml:mo><mml:mi>x</mml:mi></mml:mrow> mathvariant="normal">F</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mi>x</mml:mi></mml:msub></mml:mrow></mml:math> with highly homogenous intersublattice exchange coupling. Physical Review B, 2017, 96, .	3.2	13
102	Anomalous Hall effect in magnetic insulator heterostructures: Contributions from spin-Hall and magnetic-proximity effects. Physical Review B, 2021, 104, .	3.2	13
103	Anisotropic ternary Pr13Fe80B7 powders prepared by hydrogenation disproportionation desorption recombination process. Journal of Applied Physics, 2005, 97, 10F305.	2.5	12
104	Preparation of Anisotropic ${m Sm}_{2}{m Fe}_{17}{m N}_{m X}$ Magnetic Materials by Strip Casting Technique. IEEE Transactions on Magnetics, 2013, 49, 3248-3250.	2.1	12
105	Spin switching temperature modulated by the magnetic field and spontaneous exchange bias effect in single crystal SmFeO₃. Journal of Physics Condensed Matter, 2019, 31, 435801.	1.8	12
106	Editorial for rare metals, special issue on advanced permanent magnetic materials. Rare Metals, 2020, 39, 1-1.	7.1	12
107	Tunable magnetic properties and magnetocaloric effect of TmGa by Ho substitution. Physical Review B, 2020, 102, .	3.2	12
108	Anisotropic magnetoresistance of epitaxial Pr0.5Sr0.5MnO3 film. Journal of Applied Physics, 2014, 115, 043904.	2.5	11

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109	Coupling Between Magnetic Exchange and Charge Activation in Cuâ€Doped LaFeO 3. Journal of the American Ceramic Society, 2016, 99, 2035-2039.	3.8	11
110	Magnetic Properties of Co/CoO Coreâ€“Shell Nanowires: Roles of Antiferromagnetic Grain Size Distribution and Interfacial Spin Glass. IEEE Transactions on Magnetics, 2018, 54, 1-6.	2.1	11
111	Large Linear Negative Thermal Expansion in NiAs-type Magnetic Intermetallic Crâ€“Teâ€“Se Compounds. Inorganic Chemistry, 2020, 59, 8603-8608.	4.0	11
112	Influence of atomic roughness at the uncompensated Fe/CoO(111) interface on the exchange-bias effect. Physical Review B, 2020, 101, .	3.2	11
113	Coercivity enhancement in anisotropic Pr13Fe79.4B7Nb0.3Ga0.3 powders. Journal of Applied Physics, 2012, 111, .	2.5	10
114	Structural and magnetic properties of La0.7Sr0.3Mn1â^'xNixO3 (x â‰ 0.4). Journal of Applied Physics, 2013, 114, .	2.5	10
115	Use of Mesoscopic Host Matrix to Induce Ferrimagnetism in Antiferromagnetic Spinel Oxide. Advanced Functional Materials, 2018, 28, 1706220.	14.9	10
116	Magnetic phase diagram of CrPS₄ and its exchange interaction in contact with NiFe. Journal of Physics Condensed Matter, 2020, 32, 405804.	1.8	10
117	Device performance and strain effect of sub-5 nm monolayer InP transistors. Journal of Materials Chemistry C, 2022, 10, 2223-2235.	5.5	10
118	Scaling Behavior of Magnetoresistance with the Layer Number in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Cr</mml:mi><mml:mi mathvariant="normal">I</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:math> Magnetic Tunnel Junctions. Physical Review Applied, 2022, 17, .	3.8	10
119	Magnetic properties and magnetocaloric effect in Nd5Si3 compound. Journal of Applied Physics, 2010, 107, 09A917.	2.5	9
120	Temperature dependence of exchange bias and training effect in Co/CoO film with induced uniaxial anisotropy. Journal Physics D: Applied Physics, 2015, 48, 275002.	2.8	9
121	A separation of antiferromagnetic spin motion modes in the training effect of exchange biased Co/CoO film with in-plane anisotropy. Journal of Applied Physics, 2016, 120, .	2.5	9
122	Chemical synthesis, structure and magnetic properties of Co nanorods decorated with Fe3O4 nanoparticles. Science China Materials, 2018, 61, 1614-1622.	6.3	9
123	Bilayer tellureneâ€“metal interfaces. Journal of Semiconductors, 2019, 40, 062003.	3.7	9
124	Synthesis and characterization of hard magnetic materials: PrFe10.5V1.5Nx. Applied Physics Letters, 1997, 70, 3044-3046.	3.3	8
125	Magnetic properties of the anisotropic MnBi/Sm2Fe17Nx hybrid magnet. Journal of Applied Physics, 2014, 115, .	2.5	8
126	Microwave Absorption Properties of Flake-Like Nd₂Co_{16.5}Si_{0.5} Powdersâ€“Paraffin Composite. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	8

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127	Microstructural evolutions in NdFe10.5Mo1.5NX and Pr13Fe80B7 compounds during hydrogenation-disproportionation desorption recombination process. Journal of Applied Physics, 2006, 99, 08B503.	2.5	7
128	The manipulation of magnetic properties by resistive switching effect in CeO2/La0.7(Sr0.1Ca0.9)0.3MnO3 system. Journal of Applied Physics, 2013, 113, 17C708.	2.5	7
129	Dynamic transformation between a skyrmion string and a bimeron string in a layered frustrated system. Physical Review B, 2021, 104, .	3.2	7
130	Synergetic crystallization in a Nd₂Fe₁₄B/Î±-Fe nanocomposite under electron beam exposure conditions. Nanoscale, 2016, 8, 18221-18227.	5.6	6
131	Neutron diffraction studies of permanent magnetic materials. Rare Metals, 2020, 39, 13-21.	7.1	6
132	Simultaneously Enhancing Structural Stability and Cationic Redox in Na_{0.67}Mn_{0.75}Fe_{0.25}O₂ through a Synergy of Multisite Substitution. Journal of Physical Chemistry C, 2021, 125, 8105-8115.	3.1	6
133	Controlling Spin Orientation and Metamagnetic Transitions in Anisotropic van der Waals Antiferromagnet CrPS₄ by Hydrostatic Pressure. Advanced Functional Materials, 2022, 32, 2106592.	14.9	6
134	Magnetotransport Study of van der Waals <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Cr</mml:mi><mml:mi>PS</mml:mi></mml:mrow><mml:mn>4</mml:mn></mml: stretchy="false">(</mml:mo><mml:mi>Pt</mml:mi><mml:mo>,</mml:mo><mml:mi>Pd</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlo Room-Temperature Anomalous Hall Effect. Physical Review Applied, 2022, 17, .	3.8	6
135	The evolution of the magnetic phases of Sb-doped Mn5Sn3 compounds. Journal of Applied Physics, 2013, 113, .	2.5	5
136	Magnetic properties of Nd(Fe1-xCox)10.5M1.5 (M=Mo and V) and their nitrides. AIP Advances, 2017, 7, .	1.3	5
137	Thickness induced uniaxial anisotropy and unexpected four-fold symmetry in Co/SiO2/Si films. AIP Advances, 2018, 8, 056311.	1.3	5
138	Ultra-Shallow Doping B, Mg, Ni, Cu, Mn, Cr and Fe into SiC with Very High Surface Concentrations Based on Plasma Stimulated Room-Temperature Diffusion. Journal of Materials Engineering and Performance, 2019, 28, 162-168.	2.5	5
139	The microwave absorption properties of Y2Fe16Si@MOF and Y2Fe16Si@GO composites. AIP Advances, 2021, 11, 015237.	1.3	5
140	The Microwave Absorption Properties of Fe₁₆N₂ Nanoparticles. IEEE Transactions on Magnetics, 2022, 58, 1-4.	2.1	5
141	Phase transition and topological transistors based on monolayer Na₃Bi nanoribbons. Nanoscale, 2021, 13, 15048-15057.	5.6	5
142	Broadband microwave absorber composed of sandwich structure with a lossless medium as the intermediate layer. Journal of Magnetism and Magnetic Materials, 2022, 548, 168963.	2.3	5
143	Magnetic properties of RFe10.5Mo1.5Cx and their nitrides. Journal of Applied Physics, 1998, 83, 6640-6642.	2.5	4
144	Preparation of anisotropic Nd(Fe,Mo)12Nx magnetic materials by the strip-casting technique. Journal of Applied Physics, 2006, 99, 08B517.	2.5	4

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145	<i>Ab initio</i> calculation of electronic structure and magnetic properties of R2Fe14BNx (R = Pr,Nd). AIP Advances, 2018, 8, .	1.3	4
146	Effective Stacking Fault Energy in Face-Centered Cubic Metals. Acta Metallurgica Sinica (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	2.9	4
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