Yong Jiang

List of Publications by Year in descending order

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158 papers	2,025 citations	257357 24 h-index	315616 38 g-index
159 all docs	159 docs citations	159 times ranked	2533 citing authors

#	Article	IF	Citations
1	Substantial reduction of critical current for magnetization switching in an exchange-biased spin valve. Nature Materials, 2004, 3, 361-364.	13.3	124
2	Effective Reduction of Critical Current for Current-Induced Magnetization Switching by a Ru Layer Insertion in an Exchange-Biased Spin Valve. Physical Review Letters, 2004, 92, 167204.	2.9	96
3	Unconventional Chargeâ€“Spin Conversion in Weylâ€Semimetal WTe₂. Advanced Materials, 2020, 32, e2000818.	11.1	83
4	Observation of charge to spin conversion in Weyl semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>WTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> at room temperature. Physical Review Research, 2020, 2, .	1.3	78
5	Current-controlled propagation of spin waves in antiparallel, coupled domains. Nature Nanotechnology, 2019, 14, 691-697.	15.6	71
6	Intrinsic room temperature ferromagnetism in boron-doped ZnO. Applied Physics Letters, 2010, 97, .	1.5	66
7	Interface control and leakage current conduction mechanism in HfO2 film prepared by pulsed laser deposition. Applied Physics Letters, 2008, 93, 202904.	1.5	54
8	Strain-mediated electric-field control of exchange bias in a Co90Fe10/BiFeO3/SrRuO3/PMN-PT heterostructure. Scientific Reports, 2015, 5, 8905.	1.6	46
9	Revealing the role of lattice distortions in the hydrogen-induced metal-insulator transition of SmNiO3. Nature Communications, 2019, 10, 694.	5.8	46
10	Negative spin Hall magnetoresistance in antiferromagnetic Cr2O3/Ta bilayer at low temperature region. Applied Physics Letters, 2018, 112, .	1.5	45
11	Overcoming synthetic metastabilities and revealing metal-to-insulator transition & thermistor bi-functionalities for d-band correlation perovskite nickelates. Materials Horizons, 2019, 6, 788-795.	6.4	44
12	Confining Zeroâ€Valent Platinum Single Atoms in Î±â€MoC_{1â^’}_x for pHâ€Universal Hydrogen Evolution Reaction. Advanced Functional Materials, 2022, 32, 2108464.	7.8	43
13	Ionized-oxygen vacancies related dielectric relaxation in heteroepitaxial K0.5Na0.5NbO3/La0.67Sr0.33MnO3 structure at elevated temperature. Applied Physics Letters, 2009, 95, .	1.5	40
14	Anomalous Hall effect and spin-orbit torques in MnGa/IrMn films: Modification from strong spin Hall effect of the antiferromagnet. Physical Review B, 2016, 94, .	1.1	35
15	Evaluation of Hyperthermia of Magnetic Nanoparticles by Dehydrating DNA. Scientific Reports, 2014, 4, 7216.	1.6	33
16	Distinctive current-induced magnetization switching in a current-perpendicular-to-plane giant-magnetoresistance nanopillar with a synthetic antiferromagnet free layer. Applied Physics Letters, 2005, 86, 242506.	1.5	32
17	Structure and electrical properties of HfO2 high-k films prepared by pulsed laser deposition on Si (100). Applied Physics A: Materials Science and Processing, 2008, 93, 681-684.	1.1	31
18	Modulated switching current density and spin-orbit torques in MnGa/Ta films with inserting ferromagnetic layers. Scientific Reports, 2016, 6, 38375.	1.6	30

#	Article	IF	Citations
19	Position selective dielectric polarization enhancement in CNT based heterostructures for highly efficient microwave absorption. Nanoscale, 2021, 13, 2324-2332.	2.8	30
20	Electronâ€Doping Mottronics in Strongly Correlated Perovskite. Advanced Materials, 2020, 32, e1905060.	11.1	27
21	Anomalous Hall effect in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mrow><mml:mn>1.5</mml:mn></mml:mrow></mml:msub><mml:mi>Ga</mml:mi></mml:mrow></mml:math>	3.6	26
22	Monodisperse magnetic metallic nanoparticles: synthesis, performance enhancement, and advanced applications. Rare Metals, 2013, 32, 323-331.	3.6	25
23	Low-energy Resistive Random Access Memory Devices with No Need for a Compliance Current. Scientific Reports, 2015, 5, 10409.	1.6	25
24	Enhanced photoresponse of TiO2/MoS2 heterostructure phototransistors by the coupling of interface charge transfer and photogating. Nano Research, 2021, 14, 982-991.	5.8	25
25	Bi-relaxation behaviors in epitaxial multiferroic double-perovskite BiFe0.5Mn0.5O3/CaRuO3 heterostructures. Applied Physics Letters, 2011, 99, .	1.5	24
26	Improved thermal stability, interface, and electrical properties of HfO2 films prepared by pulsed laser deposition using in situ ionized nitrogen. Applied Physics Letters, 2009, 95, .	1.5	22
27	Ballistic electron transport in hybrid ferromagnet/two-dimensional electron gas sandwich nanostructure: Spin polarization and magnetoresistance effect. Journal of Applied Physics, 2009, 105, .	1.1	21
28	Ultra-thin BiFeO3 nanowires prepared by a solâ€“gel combustion method: an investigation of its multiferroic and optical properties. Journal of Materials Science: Materials in Electronics, 2012, 23, 180-184.	1.1	21
29	Magnetic switching properties of magnetic tunnel junctions using a synthetic ferrimagnet free layer. Journal of Applied Physics, 2004, 95, 3745-3748.	1.1	19
30	Enhanced fatigue and ferroelectric properties in multiferroic (Ba0.7Sr0.3)TiO3/(Bi1.05La0.05)FeO3 epitaxial heterostructures. Applied Physics Letters, 2013, 102, .	1.5	19
31	Enhanced spin-orbit torques in MnAl/Ta films with improving chemical ordering. Applied Physics Letters, 2017, 110, .	1.5	19
32	Robust emergence of a topological Hall effect in MnGa/heavy metal bilayers. Physical Review B, 2018, 97, .	1.1	19
33	Electronic structures of Heusler alloy Co2FeAl1â^'x Si x surface. Rare Metals, 2012, 31, 107-111.	3.6	17
34	Spinâ€“orbit torque-induced multiple magnetization switching behaviors in synthetic antiferromagnets. Applied Physics Letters, 2020, 117, .	1.5	17
35	Enhancement of Magnetic Properties for FePt Nanoparticles by Rapid Annealing in a Vacuum. Journal of Physical Chemistry C, 2009, 113, 19867-19870.	1.5	16
36	Magnetic-Field-Induced Strong Negative Thermal Expansion in La(Fe,Al)₁₃. Chemistry of Materials, 2020, 32, 7535-7541.	3.2	16

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37	Unusual anomalous Hall effect in perpendicularly magnetized YIG films with a small Gilbert damping constant. Physical Review B, 2020, 101, .	1.1	16
38	Effect of defect complex on magnetic properties of (Fe, Mn)-doped ZnO thin films. Rare Metals, 2012, 31, 154-157.	3.6	15
39	The Anomalous Hall Effect of Co₂FeAl_{0.5}Si_{0.5}/Pt Multilayers with Perpendicular Magnetic Anisotropy. Applied Physics Express, 2013, 6, 113003.	1.1	15
40	Perpendicular magnetic anisotropy and thermal stability in Co2FeAl0.5Si0.5/Pt multilayers. Applied Physics A: Materials Science and Processing, 2014, 117, 773-779.	1.1	15
41	Perpendicular magnetic anisotropy of Pt/Co₂FeAl_{0.5}Si_{0.5}/MgAl₂O₄ trilayers. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 2780-2784.	0.8	15
42	Bias dependence of spin transfer torque in Co2MnSi Heusler alloy based magnetic tunnel junctions. Applied Physics Letters, 2017, 110, .	1.5	15
43	Disorder dependent spinâ€“orbit torques in L10 FePt single layer. Applied Physics Letters, 2020, 117, 242403.	1.5	15
44	Perpendicularizing magnetic anisotropy of full-Heusler Co2FeAl films by cosputtering with terbium. Applied Physics Letters, 2010, 96, 142505.	1.5	14
45	Perpendicular Magnetic Anisotropy in Co-Based Full Heusler Alloy Thin Films. Spin, 2015, 05, 1540012.	0.6	14
46	Thickness dependence of magnetic anisotropy and intrinsic anomalous Hall effect in epitaxial Co2MnAl film. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 1202-1206.	0.9	13
47	Simultaneous laser excitation of backward volume and perpendicular standing spin waves in full-Heusler Co2FeAl0.5Si0.5 films. Scientific Reports, 2017, 7, 42513.	1.6	13
48	Architecting Braided Porous Carbon Fibers Based on Highâ€Ðensity Catalytic Crystal Planes to Achieve Highly Reversible Sodiumâ€Ion Storage. Advanced Science, 2022, 9, e2104780.	5.6	13
49	Synthetic antiferromagnet with Heusler alloy Co2FeAl ferromagnetic layers. Journal of Applied Physics, 2009, 106, .	1.1	12
50	Dependence of ferromagnetic properties on growth oxygen partial pressure in boron-doped ZnO thin films. Journal of Materials Science, 2012, 47, 6513-6516.	1.7	12
51	Effects of dopants on magnetic properties of Cu-doped ZnO thin films. Journal of Materials Science, 2012, 47, 530-533.	1.7	12
52	Spin Logical and Memory Device Based on the Nonvolatile Ferroelectric Control of the Perpendicular Magnetic Anisotropy in PbZr_{0.2}Ti_{0.8}O₃/Co/Pt Heterostructure. Advanced Electronic Materials, 2020, 6, 2000102.	2.6	12
53	Magnetic properties and anomalous Hall effect of Mn3Sn thin films controlled by defects and ferroelectric 0.7Pb(Mg1/3Nb2/3)O3â€“0.3PbTiO3 substrate. Rare Metals, 2021, 40, 2862-2867.	3.6	12
54	Evidence of interface conversion and electrical characteristics improvement of ultra-thin HfTiO films upon rapid thermal annealing. Applied Physics Letters, 2011, 99, 182904.	1.5	11

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55	Defects control for improved electrical properties in (Ba0.8Sr0.2)(Zr0.2Ti0.8)O3 films by Co acceptor doping. Applied Physics Letters, 2011, 99, 232910.	1.5	11
56	Effect of annealing atmosphere on magnetic properties of pure ZnO and Na: ZnO films. Rare Metals, 2012, 31, 27-30.	3.6	11
57	Fe3O4@Angelica sinensis polysaccharide nanoparticles as an ultralow-toxicity contrast agent for magnetic resonance imaging. Rare Metals, 2021, 40, 2486-2493.	3.6	11
58	Electronic structures of new tunnel barrier spinel MgAl2O4: first-principles calculations. Rare Metals, 2012, 31, 112-116.	3.6	10
59	Effects of annealing and Mg<scp>O</scp> thickness on perpendicular magnetic anisotropy in Pt/<scp>C</scp>o₂<scp>F</scp>e<scp>A</scp>l_{0.5}<scp>S</scp>i_{0.5}/<scp>M</scp>g<scp>O<</scp> multilayers. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 606-610.	0.9	10
60	Photoluminescence enhancement by rapid thermal annealing for ZnO epitaxial films grown on Si (100) by pulsed laser deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2009, 27, 1231-1234.	0.9	9
61	Tuning perpendicular magnetic anisotropy and coercivity of L1-FePt nanocomposite film by interfacial manipulation. Journal of Applied Physics, 2011, 109, .	1.1	9
62	Strain-controlled giant magnetoresistance of a spin valve grown on a flexible substrate. RSC Advances, 2016, 6, 88090-88095.	1.7	9
63	Interface-driven unusual anomalous Hall effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mi>Ga</mml:mi><mml:mo>/</mml:mo><mml:mi>Pt</mml:mi> bilayers. Physical Review B, 2019, 100, .	1.1	9
64	Effects of P addition on the glass forming ability, crystallization behaviour and soft magnetic properties of FeNi-based amorphous alloy. Intermetallics, 2022, 144, 107533.	1.8	9
65	Tunable spin-injection and magnetoconductance in a novel 2DEG-ferromagnet structure. Physica Status Solidi (B): Basic Research, 2003, 235, 157-161.	0.7	8
66	Dielectric property and electrical conduction mechanism of ZrO2â€“TiO2 composite thin films. Journal of Materials Science: Materials in Electronics, 2012, 23, 174-179.	1.1	8
67	The effects of Cu doping on crystalline structure and magnetic properties of SmCo5-xCux thin films grown on Ru (0002). Journal of Applied Physics, 2013, 114, .	1.1	8
68	Ultra-large non-volatile modulation of magnetic moments in PbZr0.2Ti0.8O3/MgO/La0.7Sr0.3MnO3 heterostructure at room temperature via interfacial polarization mediation. Scientific Reports, 2017, 7, 2627.	1.6	8
69	A novel superimposed porous copper/carbon film derived from polymer matrix as catalyst support for metal-air battery. Journal of Porous Materials, 2022, 29, 249-255.	1.3	8
70	Tunable Rashba spin-orbit coupling and its interplay with multiorbital effect and magnetic ordering at oxide interfaces. Physical Review B, 2021, 104, .	1.1	8
71	In-plane stray field induced spin-filtering in a two-dimensional electron gas under the modulation of surface ferromagnetic dual-gate. Journal of Applied Physics, 2010, 108, 073703.	1.1	7
72	Anomalous Hall effect in magnetic disordered alloys: Effects of spin orbital coupling. Journal of Applied Physics, 2013, 114, .	1.1	7

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73	The effects of tungsten concentration on crystalline structure and perpendicular magnetic anisotropy of Co-W films. AIP Advances, 2014, 4, 127156.	0.6	7
74	Large modulation of perpendicular magnetic anisotropy in a BiFeO3/Al2O3/Pt/Co/Pt multiferroic heterostructure via spontaneous polarizations. Applied Physics Letters, 2018, 113, 062401.	1.5	7
75	Frequency switchable correlated transports in perovskite rare-earth nickelates. Journal of Materials Chemistry A, 2020, 8, 13630-13637.	5.2	7
76	Lateral Electricâ€Fieldâ€Controlled Perpendicular Magnetic Anisotropy and Currentâ€Induced Magnetization Switching in Multiferroic Heterostructures. Advanced Electronic Materials, 2020, 6, 2000229.	2.6	7
77	Organic coâ€decomposition method for the synthesis of Mn and Co doped ZnO submicrometer crystals: Photoluminescence and magnetic properties. Physica Status Solidi (A) Applications and Materials Science, 2011, 208, 2393-2398.	0.8	6
78	Butterfly-shaped multiferroic BiFeO3@BaTiO3 coreâ€“shell nanotubes: the interesting structural, multiferroic, and optical properties. Journal of Materials Science: Materials in Electronics, 2013, 24, 1439-1445.	1.1	6
79	Enhanced ferroelectric and UV photocatalytic properties in a Bi4Ti3O12@ZnO coreâ€“shelled nanostructure. Journal of Materials Science: Materials in Electronics, 2014, 25, 1423-1428.	1.1	6
80	Hybrid magnetoresistance in Pt-based multilayers: Effect originated from strong interfacial spin-orbit coupling. Scientific Reports, 2016, 6, 20522.	1.6	6
81	Modulated spin orbit torque in a Pt/Co/Pt/YIG multilayer by nonequilibrium proximity effect. Applied Physics Letters, 2018, 112, 022402.	1.5	6
82	Delta-temperatural electronic transportation achieved in metastable perovskite rare-earth nickelate thin films. Journal of Materials Chemistry C, 2019, 7, 8101-8108.	2.7	6
83	Magnetic properties and anomalous Hall effect in antiferromagnetic Mn3Sn films. Physica B: Condensed Matter, 2021, 604, 412692.	1.3	6
84	The non-isothermal crystallization kinetics and mechanism of FeGaGeBCu alloy. Journal of Non-Crystalline Solids, 2022, 577, 121310.	1.5	6
85	Revealing the role of interfacial heterogeneous nucleation in the metastable thin film growth of rare-earth nickelate electronic transition materials. Physical Chemistry Chemical Physics, 2022, 24, 9333-9344.	1.3	6
86	Hydrogen induced electronic transition within correlated perovskite nickelates with heavy rare-earth composition. Applied Physics Letters, 2022, 120, .	1.5	6
87	Room temperature ferromagnetism of boron-doped ZnO nanoparticles prepared by solvothermal method. Rare Metals, 2013, 32, 264-268.	3.6	5
88	Magneto-optical Kerr effect in L1 FePdPt ternary alloys: Experiments and first-principles calculations. Journal of Applied Physics, 2014, 115, .	1.1	5
89	Enhanced electrical and ferroelectric properties in a multiferroic (BiFeO3/Bi0.5Na0.5TiO3)3/LaNiO3 superlattices structure. Applied Physics A: Materials Science and Processing, 2014, 114, 367-372.	1.1	5
90	Improved electrical and ferroelectric properties of multiferroic Na0.5Bi0.5TiO3/Bi1.07Nd0.03FeO3/Na0.5Bi0.5TiO3 sandwiched structure by a solâ€“gel process. Journal of Materials Science: Materials in Electronics, 2014, 25, 2411-2415.	1.1	5

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91	A proposed experimental diagnosing of specular Andreev reflection using the spin orbit interaction. Scientific Reports, 2016, 6, 29279.	1.6	5
92	Polarization modulation resistive switching in a lead-free ferroelectric Pt/Bi0.5Na0.5TiO3/La0.67Sr0.33MnO3 sandwiched heterostructure. Journal of Materials Science: Materials in Electronics, 2017, 28, 12816-12822.	1.1	5
93	Coexistence of dielectric relaxation and magnetic relaxation in compressively strained BiFeO3/Ba0.7Sr0.3TiO3 superlattices. Applied Physics Letters, 2019, 114, .	1.5	5
94	Effect of Si/B ratio on glass-forming ability, phase transitions and magnetic properties in (Fe40Ni40SixByCu1)0.97Nb0.03 alloys. Journal of Materials Science, 2021, 56, 4871-4883.	1.7	5
95	Prototype Design of a Domain-Wall-Based Magnetic Memory Using a Single Layer La_{0.67}Sr_{0.33}MnO₃ Thin Film. ACS Applied Materials & Interfaces, 2021, 13, 23945-23950.	4.0	5
96	Growth Modulation of Superâ€Tetragonal PbTiO₃ Thin Films with Selfâ€Assembled Nanocolumn Structures. Advanced Electronic Materials, 2021, 7, 2100547.	2.6	5
97	Architecting a 3D continuous C/CuVO₃@Cu composite anode for lithium-ion storage. Surface Innovations, 2023, 11, 70-78.	1.4	5
98	Controlled Modulation of Spin Transport Through an Asymmetric Ring With Spin-Orbit Interaction. IEEE Transactions on Magnetics, 2010, 46, 1471-1474.	1.2	4
99	Room Temperature Ferromagnetism in Lithium-Doped ZnO. IEEE Transactions on Magnetics, 2012, 48, 3422-3425.	1.2	4
100	Magnetic properties of corrosion-resistant CoW films. RSC Advances, 2014, 4, 26508-26515.	1.7	4
101	Exchange bias on polycrystalline BiFeO3/Co2Fe(Al0.5Si0.5) heterostructures. Rare Metals, 2017, 36, 32-36.	3.6	4
102	Role of Micromagnetic States on Spinâ€“Orbit Torque-Switching Schemes. Nano Letters, 2018, 18, 4074-4080.	4.5	4
103	Self-Assembled Hexagonal Lu_{1â€“x}In_xFeO₃ Nanopillars Embedded in Orthorhombic Lu_{1â€“x}In_xFeO₃ Nanoparticle Matrixes as Room-Temperature Multiferroic Thin Films for Memory Devices and Spintronic Applications. ACS Applied Nano Materials, 2020, 3, 7516-7523.	2.4	4
104	The Non-Isothermal and Isothermal Crystallization Behavior and Mechanism of Feâ€“Ni Alloys. Crystal Growth and Design, 2020, 20, 2187-2193.	1.4	4
105	The critical role of spin rotation in the giant magnetostriction of La(Fe,Al)13. Science China Materials, 2021, 64, 1238-1245.	3.5	4
106	Enhancement of Interfacial Polarization in BaTiO 3 Thin Films via Oxygen Inhomogeneity. Advanced Electronic Materials, 0, , 2100876.	2.6	4
107	ENHANCED MULTIFERROIC PROPERTIES OF BiFeO3 CERAMICS BY Mo DOPING. Modern Physics Letters B, 2011, 25, 1521-1528.	1.0	3
108	Room-temperature spin transport in InAs nanowire lateral spin valve. RSC Advances, 2016, 6, 75736-75740.	1.7	3

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109	Heteroepitaxial Pb0.9Sr0.1TiO3/Bi0.9La0.1FeO3/Pb0.9Sr0.1TiO3 multiferroic structure: an effective way to improve the electrical, ferroelectric and magnetic performance. Journal of Materials Science: Materials in Electronics, 2016, 27, 8080-8086.	1.1	3
110	Direct observation of magnetic contrast obtained by photoemission electron microscopy with deep ultra-violet laser excitation. Ultramicroscopy, 2019, 202, 156-162.	0.8	3
111	Robust spinâ€“orbit torques in ferromagnetic multilayers with weak bulk spin Hall effect. Applied Physics Letters, 2020, 117, 122401.	1.5	3
112	Formation of magnetic anionic electrons by hole doping. Journal of Materials Chemistry C, 2022, 10, 7674-7679.	2.7	3
113	Inverse spin Hall effect in ferromagnetic metal with Rashba spin orbit coupling. AIP Advances, 2012, 2, .	0.6	2
114	Interfacial and Magnetic Properties of Pt/Co₂FeAl_{0.5}Si_{0.5}/MgO Multilayers With Perpendicular Magnetic Anisotropy. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	2
115	Thermal stability, crystallization, and magnetic properties of FeNiBCuNb alloys. Chinese Physics B, 2019, 28, 087502.	0.7	2
116	Damping Force and Loading Position Dependence of Mass Sensitivity of Magnetoelastic Biosensors in Viscous Liquid. Sensors, 2019, 19, 67.	2.1	2
117	Strain-Controlled Giant Magnetoresistance in Spin Valves Grown on Shape Memory Alloys. ACS Applied Electronic Materials, 2019, 1, 910-918.	2.0	2
118	Temperature dependent rectification of La0.7Sr0.3MnO3/PbZr0.2Ti0.8O3/La0.7Te0.3MnO3 perovskite p-i-n junctions with ferroelectric barrier. Chemical Physics Letters, 2019, 721, 68-73.	1.2	2
119	Design and Development of High Precision Magnetic Encoder Based on TMR MEMS Device. , 2021, , .		2
120	Geometric size dependence of spin-mixing conductance at Pt/YIG interface. Applied Physics Letters, 2021, 118, .	1.5	2
121	Tailoring large magnetoresistance in Dirac semimetal SrIrO3 films. Applied Physics Letters, 2021, 119, .	1.5	2
122	Atomic-scale understanding of enhanced polarization of highly strained nanoscale columnar PbTiO3. Physical Review B, 2021, 104, .	1.1	2
123	The Structural, Magnetic, and Transport Properties of the Pulsed Laserâ€Deposited Co₂FeAl Thin Films. Physica Status Solidi (A) Applications and Materials Science, 2022, 219, .	0.8	2
124	Tuning the magnetic anisotropy of La0.67Sr0.33MnO3 by CaTiO3 spacer layer on the platform of SrTiO3. Journal of Magnetism and Magnetic Materials, 2022, 554, 169299.	1.0	2
125	â€˜Tunable spin-injection and magnetoconductance in a novel 2DEG-ferromagnet structureâ€™â€•[phys. stat. sol. (b)241, No. 1, 222 (2004)]. Physica Status Solidi (B): Basic Research, 2004, 241, 224-224.	0.7	1
126	Modeling of a ferromagnetic two-dimensional electron gas device. IEEE Transactions on Magnetics, 2005, 41, 1118-1125.	1.2	1

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127	Current-induced domain wall motion in magnetic nanowires with different dimensions. Science China: Physics, Mechanics and Astronomy, 2012, 55, 2030-2032.	2.0	1
128	Room temperature ferromagnetism of Si-doped ZnO thin films prepared by solâ€“gel method. Rare Metals, 2013, 32, 165-168.	3.6	1
129	INTRINSIC ROOM TEMPERATURE FERROMAGNETISM OF SILICON-DOPED ZnO THIN FILMS. Modern Physics Letters B, 2013, 27, 1350092.	1.0	1
130	Electric-Field-Controlled Room Temperature AMR Switching in a NiFe/BiFeO₃/SrRuO₃/SrTiO₃ (111) Heterostructure. IEEE Transactions on Magnetics, 2015, 51, 1-3.	1.2	1
131	Magnon-Dragged Magnetoresistance and Spin Seebeck Effect in YIG/IrMn Thin Films. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	1
132	Tuning Effective Spin Hall Angles via Oxygen Vacancies in Multiferroic BiFeO 3 â€Based Heterostructures. Advanced Electronic Materials, 2019, 5, 1900435.	2.6	1
133	Enhanced ferroelectric and photoelectric properties in lead-free Bi1.07FeO3-modified K0.5Na0.5NbO3 thin films. Journal of Materials Science: Materials in Electronics, 2021, 32, 2051-2060.	1.1	1
134	Influence of thickness on current-induced magnetization switching in L1₀-FePt single layer*. Chinese Physics B, 2021, 30, 107101.	0.7	1
135	Interface-driven electrical magnetochiral anisotropy in Pt/PtMnGa bilayers. Applied Physics Letters, 2021, 118, 252403.	1.5	1
136	Room temperature spin Hall magnetoresistance at a hetero-interface between multiferroic Bi1.05La0.05FeO3 and heavy-metal Pt. Applied Physics Letters, 2022, 120, 062406.	1.5	1
137	Roomâ€Temperature Nonâ€Local Spin Transport in Fewâ€Layer Black Phosphorus Passivated with MgO. Advanced Electronic Materials, 0, , 2101048.	2.6	1
138	Frequency regulation in alternating current transportation properties for electron correlated rare-earth nickelates heterostructures. Journal of Applied Physics, 2022, 131, 075109.	1.1	1
139	Robust interface-induced unusual anomalous Hall effect in Mn3Sn/Pt bilayers. Rare Metals, 2022, 41, 3012-3018.	3.6	1
140	Spin transfer torque in current-perpendicular-to-plane multilayer structure induced by spin relaxation in the capping layer. Journal of Applied Physics, 2008, 103, 07A712.	1.1	0
141	Blind number theory and its application in optimization design of mechanical structure time-dependent reliability. , 2009, , .		0
142	Thickness dependence of microstructure and magnetic properties in FePt/B4C multilayer thin films. Applied Physics A: Materials Science and Processing, 2009, 94, 981-985.	1.1	0
143	Single-layer magnetic memory based on Rashba three-terminal quantum dot device. Journal of Applied Physics, 2011, 110, .	1.1	0
144	Enhanced Electric and Magnetic Properties of the Epitaxial $({m Ba}_{0.5}{m Sr}_{0.5}){m TiO}_{3}/{m BiFeO}_{3}$ Multiferroic Heterostructure. IEEE Transactions on Magnetics, 2012, 48, 3418-3421.	1.2	0

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145	Electric-field-controlled magnetization reversal in a NiFe/BiFeO<inf>3</inf>/SrRuO<inf>3</inf>/SrTiO<inf>3</inf> (111) multiferroic heterostructure. , 2015, , .		0
146	Interface charge induced non-volatile magnetic changes in La<inf>0.7</inf>Sr<inf>0.3</inf>MnO<inf>3</inf>/PbZr<inf>0.2</inf>Ti<inf>0.8</inf>O<inf>3</inf> multiferroic heterostructure. , 2015, , .		0
147	Perpendicular magnetic anisotropy of full-Heusler Co<inf>2</inf>FeAl<inf>0.5</inf>Si<inf>0.5</inf> films induced by MgAl<inf>2</inf>O<inf>4</inf> layer. , 2015, , .		0
148	Effect of doping on B2-phase ordering temperature of Co-based heusler alloy: An AB initio stud. , 2015, , .		0
149	Multiferroic properties in tetragonal and rhombohedral phase of BiFeO<inf>3</inf>/BaTiO<inf>3</inf> heterostructures. , 2015, , .		0
150	Electrical control of ferromagnetism in Heusler alloy Co<inf>2</inf>FeAl<inf>0.5</inf>Si<inf>0.5</inf> at room temperature. , 2015, , .		0
151	Co nanoparticles induced resistive switching of the polypyrrole composite films. , 2015, , .		0
152	Electrical spin injection into InAs nanowires by local measurement. , 2015, , .		0
153	First-principles calculations on magnetic property of Cu-doped ZnO tuned by Na and Al dopants. Rare Metals, 2015, 34, 40-44.	3.6	0
154	Fe3O4@Angelica Sinensis Polysaccharides Nanoparticles for Magnetic Resonance Imaging.. , 2018, , .		0
155	Spin-Orbit Torque Induced Magnetization Switching In Co/Pt Multilayer-based Synthetic Antiferromagnets.. , 2018, , .		0
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