

Xiao-Hong Xu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Control of photocurrent and multi-state memory by polar order engineering in 2H-stacked In_2Se_3 ferroelectric. <i>Science China Materials</i> , 2022, 65, 1639-1645.	6.3	12
2	Interfacial engineering manipulation of magnetic anisotropy evolution via orbital reconstruction in low-dimensional manganite superlattices. <i>Science China Materials</i> , 2022, 65, 1902-1911.	6.3	3
3	Giant tunneling magnetoresistance and electroresistance in $\text{m}_x\text{Mn}_{1-x}\text{Te}$ -based van der Waals multiferroic tunnel junctions. <i>Physical Review B</i> , 2022, 105, .	6.3	3
4	AI-2 Induces Urease Expression Through Downregulation of Orphan Response Regulator HP1021 in <i>Helicobacter pylori</i> . <i>Frontiers in Medicine</i> , 2022, 9, 790994.	2.6	3
5	Discovery of Robust Ferroelectricity in 2D Defective Semiconductor Ga_2Se_3 . <i>Small</i> , 2022, 18, e2105599.	10.0	21
6	Room-temperature spin-orbit torque switching in a manganite-based heterostructure. <i>Physical Review B</i> , 2022, 105, .	3.2	12
7	Thickness-dependent and strain-tunable magnetism in two-dimensional van der Waals VSe_2 . <i>Nano Research</i> , 2022, 15, 7597-7603.	10.4	19
8	Stable GeSe thin-film solar cells employing non-toxic SnO_2 as buffer layer. <i>Rare Metals</i> , 2022, 41, 2992-2997.	7.1	8
9	Influence of shape, size and volume fraction of phase on the magnetic properties of $\text{Nd}_2\text{Fe}_{14}\text{B}/\text{Fe}_{16}\text{N}_2$ core-shell nanostructures magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, , 169696.	2.3	0
10	Reversible control of magnetic and transport properties of NdNiO_3 epitaxial films. <i>Journal of Rare Earths</i> , 2021, 39, 317-322.	4.8	9
11	Enhanced photoelectric performance in a $\text{CdO}/\text{ZnO}/\text{Ag}$ heterostructure thin film photoanode. <i>Vacuum</i> , 2021, 185, 109951.	3.5	8
12	Spontaneous positive exchange bias effect in $\text{SrFeO}_{3-x}/\text{SrCoO}_{3-x}$ epitaxial bilayer. <i>Rare Metals</i> , 2021, 40, 1858-1864.	7.1	6
13	Dimensionality control of magnetic coupling at interfaces of cuprate-manganite superlattices. <i>Materials Horizons</i> , 2021, 8, 2485-2493.	12.2	5
14	Layer-dependent ferroelectricity in 2H-stacked few-layer In_2Se_3 . <i>Materials Horizons</i> , 2021, 8, 1472-1480.	12.2	37
15	The Role of a Dipeptide Transporter in the Virulence of Human Pathogen, <i>Helicobacter pylori</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 633166.	3.5	7
16	Nanoscale Magnetization Reversal by Magnetoelectric Coupling Effect in $\text{Ga}_{0.6}\text{Fe}_{1.4}\text{O}_3$ Multiferroic Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 18194-18201.	8.0	8
17	Electric-Field Reversible Switching of the Exchange Spring and Exchange Bias Effect in $\text{SrCoO}_{3-x}/\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ Heterostructures. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 15774-15782.	8.0	6
18	Tunable topological states in layered magnetic materials of MnSb and Mn_2Sb , and Mn_3Sb_2 . <i>Physical Review B</i> , 2021, 103, .	8.0	30

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19	Room-temperature ferromagnetism enhancement in Fe-doped VSe ₂ nanosheets synthesized by a chemical method. <i>Rare Metals</i> , 2021, 40, 2501-2507.	7.1	8
20	Barrier-dependent electronic transport properties in two-dimensional MnBi ₂ Te ₄ -based van der Waals magnetic tunnel junctions. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	11
21	Experimental observation of topological Hall effects in compensated ferrimagnet-heavy metal layered structures. <i>Science China: Physics, Mechanics and Astronomy</i> , 2021, 64, 1.	5.1	8
22	Interlayer ferromagnetism and high-temperature quantum anomalous Hall effect in p-doped multilayers. <i>Physical Review B</i> , 2021, 103, .	3.2	13
23	Selective Substrate-Orbital-Filtering Effect to Realize the Large-Gap Quantum Spin Hall Effect. <i>Nano Letters</i> , 2021, 21, 5828-5833.	9.1	6
24	Electric Field Control of the Magnetic Weyl Fermion in an Epitaxial SrRuO ₃ (111) Thin Film. <i>Advanced Materials</i> , 2021, 33, e2101316.	21.0	24
25	Field-free spin-orbit torque driven multi-state reversal in wedged Ta/MgO/CoFeB/MgO heterostructures. <i>APL Materials</i> , 2021, 9, 071108.	5.1	3
26	One-Pot Synthesis Enables Magnetic Coupled Cr ₂ Te ₃ /MnTe/Cr ₂ Te ₃ Integrated Heterojunction Nanorods. <i>Nano Letters</i> , 2021, 21, 7684-7690.	9.1	8
27	NDV related exosomes enhance NDV replication through exporting NLRX1 mRNA. <i>Veterinary Microbiology</i> , 2021, 260, 109167.	1.9	8
28	Self-rectifying resistance switching memory based on a dynamic pn junction. <i>Nanotechnology</i> , 2021, 32, 085203.	2.6	12
29	Manipulating the optical and electronic properties of MoO ₃ films through electric-field-induced ion migration. <i>Journal of Materials Chemistry C</i> , 2021, 10, 135-141.	5.5	3
30	Influence of Fe ₃ O ₄ on metal-insulator transition temperature of La _{0.7} Ca _{0.3} MnO ₃ thin films. <i>Journal of Materials Science</i> , 2020, 55, 99-106.	3.7	0
31	Dramatically enhanced carrier mobility and Curie temperature in n-p codoped ZnO by proximity effect. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 496, 165966.	2.3	4
32	Evaluation of the safety and protection efficacy of an attenuated genotype vii newcastle disease virus strain as a candidate vaccine. <i>Microbial Pathogenesis</i> , 2020, 139, 103831.	2.9	4
33	A photoelectrochemical sensor for highly sensitive detection of glucose based on Au-NiO hybrid nanowires. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127330.	7.8	22
34	d-electron-dependent transparent conducting oxide of V-doped ZnO thin films. <i>Journal of Alloys and Compounds</i> , 2020, 822, 153706.	5.5	12
35	Controllable and Stable Quantized Conductance States in a Pt/HfO _x /ITO Memristor. <i>Advanced Electronic Materials</i> , 2020, 6, 1901055.	5.1	31
36	The strain induced magnetic and anisotropic variations of LaCoO ₃ thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 515, 167303.	2.3	13

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37	Ionic liquid gating control of magnetism of a Co film. Journal of Magnetism and Magnetic Materials, 2020, 515, 167261.	2.3	2
38	Prediction of monolayered ferromagnetic CrMn_6 as an intrinsic high-temperature quantum anomalous Hall system. Physical Review B, 2020, 102, .	3.2	18
39	Strain-induced robust magnetic anisotropy and room temperature magnetoelectric coupling effect in epitaxial SmFeO ₃ film. Science China Materials, 2020, 63, 2062-2070.	6.3	8
40	The shape evolution process of two-dimensional CdSe nanocrystals altered by seed concentration. New Journal of Chemistry, 2020, 44, 10633-10637.	2.8	0
41	Excellent ferroelectricity of 50 nm-thick doped HfO ₂ thin films induced by annealing with a rapid-heating-temperature process. AIP Advances, 2020, 10, .	1.3	8
42	Abundant valley-polarized states in two-dimensional ferromagnetic van der Waals heterostructures. Physical Review B, 2020, 101, .	3.2	42
43	Experimental observation of large tunneling anisotropic magnetoresistance in a magnetic tunnel junction without heavy metals. Applied Surface Science, 2020, 526, 146716.	6.1	0
44	Significant tunneling magnetoresistance and excellent spin filtering effect in CrI ₃ -based van der Waals magnetic tunnel junctions. Physical Chemistry Chemical Physics, 2020, 22, 14773-14780.	2.8	42
45	High-temperature and multichannel quantum anomalous Hall effect in pristine and alkali-metal-doped CrBr ₃ monolayers. Nanoscale, 2020, 12, 13964-13972.	5.6	16
46	Orbital reconstruction mediated giant vertical magnetization shift and insulator-to-metal transition in superlattices based on antiferromagnetic manganites. Physical Review B, 2020, 101, .	3.2	11
47	Nanometer-Thick Yttrium Iron Garnet Films with Perpendicular Anisotropy and Low Damping. Physical Review Applied, 2020, 14, .	3.8	50
48	Effect of the oxide layer on the interfacial Dzyaloshinskii-Moriya interaction in perpendicularly magnetized Pt/Co/SmOx and Pt/Co/AlOx heterostructures. Applied Surface Science, 2020, 513, 145768.	6.1	5
49	Solution Synthesis of Layered van der Waals (vdW) Ferromagnetic CrGeTe ₃ Nanosheets from a Non-vdW Cr ₂ Te ₃ Template. Journal of the American Chemical Society, 2020, 142, 4438-4444.	13.7	39
50	The influence of an ultra-high resistivity Ta underlayer on perpendicular magnetic anisotropy in Ta/Pt/Co/Pt heterostructures. RSC Advances, 2020, 10, 11219-11224.	3.6	10
51	Chimeric Newcastle Disease Virus-like Particles Containing DC-Binding Peptide-Fused Haemagglutinin Protect Chickens from Virulent Newcastle Disease Virus and H9N2 Avian Influenza Virus Challenge. Virologica Sinica, 2020, 35, 455-467.	3.0	15
52	Emergent ferromagnetism with tunable perpendicular magnetic anisotropy in short-periodic SrIrO ₃ /SrRuO ₃ superlattices. Applied Physics Letters, 2020, 116, .	3.3	13
53	Polarity and charge redistribution induced emergent interfacial ferromagnetism in non-magnetic LaNiO ₃ /SrMnO ₃ superlattices. Applied Physics Letters, 2020, 117, .	3.3	3
54	One-step electrodeposition of AuNi nanodendrite arrays as photoelectrochemical biosensors for glucose and hydrogen peroxide detection. Biosensors and Bioelectronics, 2019, 142, 111577.	10.1	31

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55	Possible realization of the high-temperature and multichannel quantum anomalous Hall effect in graphene/CrBr ₃ heterostructures under pressure. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17087-17095.	2.8	23
56	Interfacial Ferromagnetic Coupling and Positive Spontaneous Exchange Bias in SrFeO ₃ /La _{0.7} Sr _{0.3} MnO ₃ Bilayers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26460-26466.	8.0	19
57	Homogeneous and inhomogeneous magnetic oxide semiconductors. <i>Chinese Physics B</i> , 2019, 28, 098506.	1.4	4
58	Intrinsic exchange bias effect in strain-engineered single antiferromagnetic LaMnO ₃ films. <i>Science China Materials</i> , 2019, 62, 1046-1052.	6.3	8
59	Enhancement of perpendicular magnetic anisotropy and spin-orbit torque in Ta/Pt/Co/Ta multi-layered heterostructures through interfacial diffusion. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	20
60	Resistive switching and its modulating ferromagnetism and magnetoresistance of a ZnO-Co/SiO ₂ -Co film. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 489, 165445.	2.3	9
61	Memory Devices: An Electric-Field-Controlled High-Speed Coexisting Multibit Memory and Boolean Logic Operations in Manganite Nanowire via Local Gating (<i>Adv. Electron. Mater.</i> 6/2019). <i>Advanced Electronic Materials</i> , 2019, 5, 1970029.	5.1	1
62	Topological phase transition induced by p _{x,y} and p _z band inversion in a honeycomb lattice. <i>Nanoscale</i> , 2019, 11, 13807-13814.	5.6	9
63	Engineering giant Rashba spin-orbit splitting in graphene via n ⁺ p codoping. <i>Physical Review B</i> , 2019, 99, .	3.2	5
64	Solid-State Electrochemical Process and Performance Optimization of Memristive Materials and Devices. <i>Chemistry</i> , 2019, 1, 44-68.	2.2	4
65	An Electric-Field-Controlled High-Speed Coexisting Multibit Memory and Boolean Logic Operations in Manganite Nanowire via Local Gating. <i>Advanced Electronic Materials</i> , 2019, 5, 1900020.	5.1	5
66	Perpendicular magnetic anisotropy in compressive strained La _{0.67} Sr _{0.33} MnO ₃ films. <i>Journal of Materials Science</i> , 2019, 54, 9017-9024.	3.7	20
67	Converting a two-dimensional ferromagnetic insulator into a high-temperature quantum anomalous Hall system by means of an appropriate surface modification. <i>Physical Review B</i> , 2019, 99, .	3.2	23
68	Studies on preparation and properties of low temperature phase of MnBi prepared by electrodeposition. <i>Journal of Alloys and Compounds</i> , 2019, 787, 1272-1279.	5.5	9
69	Redox gated polymer memristive processing memory unit. <i>Nature Communications</i> , 2019, 10, 736.	12.8	99
70	Detection of viral components in exosomes derived from NDV-infected DF-1 cells and their promoting ability in virus replication. <i>Microbial Pathogenesis</i> , 2019, 128, 414-422.	2.9	16
71	A genotype VII Newcastle disease virus-like particles confer full protection with reduced virus load and decreased virus shedding. <i>Vaccine</i> , 2019, 37, 444-451.	3.8	10
72	Inserting a nonmagnetic spacer layer in Nd ₂ Fe ₁₄ B/ \pm (FeCo) ₁₆ N ₂ bilayers significantly improves their coercivity. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	2.3	3

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73	Newcastle disease virus-like particles containing the Brucella BCSP31 protein induce dendritic cell activation and protect mice against virulent Brucella challenge. <i>Veterinary Microbiology</i> , 2019, 229, 39-47.	1.9	5
74	Increased Curie Temperature Induced by Orbital Ordering in La _{0.67} Sr _{0.33} MnO ₃ /BaTiO ₃ Superlattices. <i>Nanoscale Research Letters</i> , 2018, 13, 24.	5.7	4
75	Quantum oscillation in carrier transport in two-dimensional junctions. <i>Nanoscale</i> , 2018, 10, 7912-7917.	5.6	5
76	Electric field induced simultaneous change of transport and magnetic properties in multilayered NiO _x /Pt nanowires. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1996-2003.	5.5	10
77	Novel magnetic g-C ₃ N ₄ /Fe ₂ O ₃ /Fe ₃ O ₄ composite for the very effective visible-light-Fenton degradation of Orange II. <i>RSC Advances</i> , 2018, 8, 5180-5188.	3.6	47
78	Observation of Superconductivity in the LaNiO ₃ /La _{0.7} Sr _{0.3} MnO ₃ Superlattice. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1463-1467.	8.0	22
79	The antiferromagnetic state in ultrathin LaNiO ₃ layer supported by long-range exchange bias in LaNiO ₃ /SrTiO ₃ /La _{0.7} Sr _{0.3} MnO ₃ superlattices. <i>Journal of Materials Chemistry C</i> , 2018, 6, 582-587.	5.5	7
80	Surface plasmon aided high sensitive non-enzymatic glucose sensor using Au/NiAu multilayered nanowire arrays. <i>Biosensors and Bioelectronics</i> , 2018, 111, 41-46.	10.1	53
81	Facile synthesis of carbon-rich g-C ₃ N ₄ by copolymerization of urea and tetracyanoethylene for photocatalytic degradation of Orange II. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 61-69.	3.9	34
82	Improved plasmon-assisted photoelectric conversion efficiency across entire ultraviolet-visible region based on antenna-on zinc oxide/silver three-dimensional nanostructured films. <i>Nano Research</i> , 2018, 11, 520-529.	10.4	6
83	Room temperature ferromagnetism in metallic Ti _{1-x} V _x O ₂ thin films. <i>RSC Advances</i> , 2018, 8, 31382-31387.	3.6	3
84	Ferromagnetic Cr ₂ Te ₃ nanorods with ultrahigh coercivity. <i>Nanoscale</i> , 2018, 10, 11028-11033.	5.6	35
85	Quantum anomalous Hall effect and giant Rashba spin-orbit splitting in graphene system co-doped with boron and 5d transition-metal atoms. <i>Frontiers of Physics</i> , 2018, 13, 1.	5.0	6
86	Dendritic cell-targeted recombinant Lactobacilli induce DC activation and elicit specific immune responses against G57 genotype of avian H9N2 influenza virus infection. <i>Veterinary Microbiology</i> , 2018, 223, 9-20.	1.9	18
87	Angular dependence of the exchange bias for the bistable state. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 432, 342-350.	2.3	1
88	Robust Interfacial Exchange Bias and Metal-Insulator Transition Influenced by the LaNiO ₃ Layer Thickness in La _{0.7} Sr _{0.3} MnO ₃ /LaNiO ₃ Superlattices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3156-3160.	8.0	31
89	Room temperature insulating ferromagnetism induced by charge transfer in ultrathin (110) La _{0.7} Sr _{0.3} MnO ₃ films. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	24
90	Newcastle disease virus-like particles induce DC maturation through TLR4/NF- κ B pathway and facilitate DC migration by CCR7-CCL19/CCL21 axis. <i>Veterinary Microbiology</i> , 2017, 203, 158-166.	1.9	25

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91	Highly flexible resistive switching memory based on amorphous-nanocrystalline hafnium oxide films. <i>Nanoscale</i> , 2017, 9, 7037-7046.	5.6	109
92	C, N and S codoped rutile TiO ₂ nanorods for enhanced visible-light photocatalytic activity. <i>Materials Letters</i> , 2017, 195, 143-146.	2.6	26
93	Interfacial Spin Glass State and Exchange Bias in the Epitaxial La _{0.7} Sr _{0.3} MnO ₃ /LaNiO ₃ Bilayer. <i>Nanoscale Research Letters</i> , 2017, 12, 330.	5.7	23
94	Identification and pathotypical analysis of a novel Vlk sub-genotype Newcastle disease virus obtained from pigeon in China. <i>Virus Research</i> , 2017, 238, 1-7.	2.2	15
95	Electrically-controlled resistance and magnetoresistance in a SiO ₂ -Co film. <i>Materials Letters</i> , 2017, 194, 227-230.	2.6	5
96	Realization of quantum anomalous Hall effect in graphene from $\text{Co}_2\text{V}_2\text{O}_7$ by codoping-induced stable atomic adsorption. <i>Physical Review B</i> , 2017, 95, .	3.2	13
97	Enhanced stress-invariance of magnetization direction in magnetic thin films. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	22
98	Nanochannels: A 1D Vanadium Dioxide Nanochannel Constructed via Electric-Field-Induced Ion Transport and its Superior Metal-Insulator Transition (Adv. Mater. 39/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	1
99	Exchange Bias Effect and Orbital Reconstruction in (001)-Oriented LaMnO ₃ /LaNiO ₃ Superlattices. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39855-39862.	8.0	17
100	Room temperature quantum spin Hall insulator: Functionalized stanene on layered PbI ₂ substrate. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	12
101	A 1D Vanadium Dioxide Nanochannel Constructed via Electric-Field-Induced Ion Transport and its Superior Metal-Insulator Transition. <i>Advanced Materials</i> , 2017, 29, 1702162.	21.0	79
102	The Exchange Bias of LaMnO ₃ /LaNiO ₃ Superlattices Grown along Different Orientations. <i>Scientific Reports</i> , 2017, 7, 10557.	3.3	19
103	Spin Transport and Magnetism in Low-Dimensional Materials. <i>Advances in Condensed Matter Physics</i> , 2017, 2017, 1-2.	1.1	0
104	Magnetoresistance Effect in NiFe/BP/NiFe Vertical Spin Valve Devices. <i>Advances in Condensed Matter Physics</i> , 2017, 2017, 1-6.	1.1	11
105	Perpendicular Giant Magnetoresistance and Magnetic Properties of Co/Cu Nanowire Arrays Affected by Period Number and Copper Layer Thickness. <i>Advances in Condensed Matter Physics</i> , 2016, 2016, 1-9.	1.1	7
106	Composition dependence of magneto-optical response in Ag/Co dimer nanodot arrays. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 419, 553-558.	2.3	4
107	Structural and Electronic Properties of Interfaces in Graphene and Hexagonal Boron Nitride Lateral Heterostructures. <i>Chemistry of Materials</i> , 2016, 28, 5022-5028.	6.7	63
108	Strain-modulated ferromagnetism and band gap of Mn doped Bi ₂ Se ₃ . <i>Scientific Reports</i> , 2016, 6, 29161.	3.3	8

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109	The investigation of giant magnetic moment in ultrathin Fe ₃ O ₄ films. APL Materials, 2016, 4, .	5.1	13
110	Enhanced photocatalytic properties of Nâ€“P co-doped TiO ₂ nanosheets with {001} facets. Rare Metals, 2016, 35, 940-947.	7.1	17
111	Tuning magnetic anisotropy of amorphous CoFeB film by depositing on convex flexible substrates. AIP Advances, 2016, 6, .	1.3	21
112	Magnetic properties and magnetic reversal process of exchange-coupled Nd ₂ Fe ₁₄ B/Î±â€“Fe ₁₆ N ₂ bilayers. Journal of Applied Physics, 2016, 119, .	2.5	6
113	Magnetism and magnetoresistance from different origins in Co/ZnO:Al granular films. Physica B: Condensed Matter, 2016, 502, 16-20.	2.7	4
114	High-Temperature Quantum Anomalous Hall Effect in α -Bi ₂ Te ₃ Topological Insulators. Physical Review Letters, 2016, 117, 056804.	7.8	71
115	Realization of resistive switching and magnetoresistance in ZnO/ZnO-Co composite materials. Scientific Reports, 2016, 6, 31934.	3.3	19
116	High-temperature quantum spin Hall insulator in compensated n-p codoped graphene. Journal Physics D: Applied Physics, 2016, 49, 075004.	2.8	7
117	CoPt Antidot Arrays Fabricated With Dry-Etching Using AAO Templates. IEEE Transactions on Magnetics, 2016, 52, 1-5.	2.1	5
118	Large range localized surface plasmon resonance of Ag nanoparticles films dependent of surface morphology. Applied Surface Science, 2016, 367, 563-568.	6.1	25
119	Effect of nitrogen and cobalt additions on surface morphology and magnetic properties of Fe thin films. Journal of Alloys and Compounds, 2016, 662, 541-545.	5.5	10
120	Structural, mechanical and electronic properties of in-plane 1T/2H phase interface of MoS ₂ heterostructures. AIP Advances, 2015, 5, .	1.3	37
121	Magnetic Coupling of Dissimilar ZnOâ€“Co Granular Films Through a ZnO Spacer. Spin, 2015, 05, 1540008.	1.3	2
122	Engineering optical properties of metal/porous anodic alumina films for refractometric sensing. Applied Surface Science, 2015, 355, 139-144.	6.1	13
123	Realizing chemical codoping in TiO ₂ . Physical Chemistry Chemical Physics, 2015, 17, 17989-17994.	2.8	14
124	Comparison of Magnetism and Transport Properties in Fe/X (X = C, Si, Ge) Films. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	0
125	Long-range and strong ferromagnetic graphene by compensated nâ€“p codoping and Î±â€“Î± stacking. Carbon, 2015, 95, 65-71.	10.3	11
126	The Effect of Fourfold Anisotropy on the Angular Dependence of the Exchange Bias. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	2

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127	The angular dependence of the exchange bias under the planar domain wall model. AIP Advances, 2015, 5, 057146.	1.3	0
128	Preparation and analysis of anodic aluminum oxide films with continuously tunable interpore distances. Applied Surface Science, 2015, 328, 459-465.	6.1	30
129	Long-range ferromagnetic graphene via compensated Fe/NO ₂ co-doping. Applied Surface Science, 2014, 305, 768-773.	6.1	13
130	Resistivity dependence of magnetoresistance in Co/ZnO films. Nanoscale Research Letters, 2014, 9, 6.	5.7	17
131	Synergistic catalysis of Au@Cu/TiO ₂ -NB nanopaper in aerobic oxidation of benzyl alcohol. Journal of Materials Chemistry A, 2014, 2, 16292-16298.	10.3	37
132	The Dependence of Magnetic Properties on Diameters of One-Dimensional Nickel Nanostructures. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	4
133	Effect of ethanol on the fabrication of porous anodic alumina in sulfuric acid. Surface and Coatings Technology, 2014, 254, 398-401.	4.8	24
134	The Morphology and Magnetic Properties of FePt Antidot Arrays on Porous Anodic Alumina Templates. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	4
135	Structural and magnetotransport properties of ultrathin Co/ZnO and Co/ZnAlO films. Journal of Applied Physics, 2014, 115, 233908.	2.5	0
136	Diluted magnetic oxides. Science China: Physics, Mechanics and Astronomy, 2013, 56, 111-123.	5.1	10
137	Research on structural optimization of the flexible magnetoelectric torque unimorph device. , 2013, , .		0
138	Diluted ferromagnetic graphene by compensated n-p codoping. Carbon, 2013, 61, 609-615.	10.3	28
139	Enhancement of the metal-insulator transition temperature in La _{0.7} Ca _{0.3} MnO ₃ film by magnetic nanodots. Applied Physics Letters, 2013, 102, .	3.3	3
140	Enhanced Room Temperature Magnetoresistance and Spin Injection from Metallic Cobalt in Co/ZnO and Co/ZnAlO Films. ACS Applied Materials & Interfaces, 2013, 5, 3607-3613.	8.0	34
141	Tunable magnetic and transport properties of p-type ZnMnO films with n-type Ga, Cr, and Fe codopants. Applied Physics Letters, 2013, 102, .	3.3	16
142	Contrasting behavior of the structural and magnetic properties in Mn- and Fe-doped In ₂ O ₃ films. APL Materials, 2013, 1, .	5.1	9
143	Facile synthesis of uniform h-BN nanocrystals and their application as a catalyst support towards the selective oxidation of benzyl alcohol. RSC Advances, 2012, 2, 10689.	3.6	20
144	Different magnetic origins of (Mn, Fe)-codoped ZnO powders and thin films. Materials Research Bulletin, 2012, 47, 3344-3347.	5.2	17

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145	Design and micromagnetic simulation of the L10-FePt/Fe multilayer graded film. Journal of Applied Physics, 2012, 111, 073910.	2.5	23
146	Ferromagnetism in noncompensated (Mn,Ga)-codoped ZnO films. Physica B: Condensed Matter, 2012, 407, 2215-2218.	2.7	5
147	Structural and magnetotransport properties in Co/nonmagnetic films. Materials Letters, 2011, 65, 2982-2984.	2.6	16
148	First-Principles Study of Magnetic Exchange Interactions of $3d$ Transition Metal Adatoms on Graphene. IEEE Transactions on Magnetics, 2011, 47, 2425-2428.	2.1	1
149	Carrier-mediated nonlocal ferromagnetic coupling between local magnetic polarons in Fe-doped In ₂ O ₃ thin films. Physical Review B, 2011, 84, .	3.2	41
150	Room temperature ferromagnetism in metallic and insulating (In _{1-x} Fe _x) ₂ O ₃ thin films. Journal of Applied Physics, 2011, 109, .	2.5	40
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