Xiao-Hong Xu

List of Publications by Year
in descending order

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174	3,056	172457	254184
papers	citations	29 h-index	43 g-index

174	174	174	4264
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aerobic Oxidation of <scp>d</scp>-Glucose on Support-Free Nanoporous Gold. Journal of Physical Chemistry C, 2008, 112, 9673-9678.	3.1	159
2	Highly flexible resistive switching memory based on amorphous-nanocrystalline hafnium oxide films. Nanoscale, 2017, 9, 7037-7046.	5.6	109
3	Redox gated polymer memristive processing memory unit. Nature Communications, 2019, 10, 736.	12.8	99
4	A 1D Vanadium Dioxide Nanochannel Constructed via Electricâ€Fieldâ€Induced Ion Transport and its Superior Metalâ€“Insulator Transition. Advanced Materials, 2017, 29, 1702162.	21.0	79
5	High-Temperature Quantum Anomalous Hall Effect in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>n</mml:mi><mml:mtext>â^’</mml:mtext><mml:mi>p</mml:mi></mml:mrow></mml:math>Cod Topological Insulators. Physical Review Letters, 2016, 117, 056804.	7.8	71
6	Structural and Electronic Properties of Interfaces in Graphene and Hexagonal Boron Nitride Lateral Heterostructures. Chemistry of Materials, 2016, 28, 5022-5028.	6.7	63
7	Role of donor defects in enhancing ferromagnetism of Cu-doped ZnO films. Journal of Applied Physics, 2009, 105, 103914.	2.5	61
8	Magnetic and transport properties of n-type Fe-doped In2O3 ferromagnetic thin films. Applied Physics Letters, 2009, 94, .	3.3	56
9	Surface plasmon aided high sensitive non-enzymatic glucose sensor using Au/NiAu multilayered nanowire arrays. Biosensors and Bioelectronics, 2018, 111, 41-46.	10.1	53
10	Nanometer-Thick Yttrium Iron Garnet Films with Perpendicular Anisotropy and Low Damping. Physical Review Applied, 2020, 14, .	3.8	50
11	Novel magnetic g-C₃N₄/Î±-Fe₂O₃/Fe₃O₄ composite for the very effective visible-light-Fenton degradation of Orange II. RSC Advances, 2018, 8, 5180-5188.	3.6	47
12	FeAu/FePt exchange-spring media fabricated by magnetron sputtering and postannealing. Applied Physics Letters, 2009, 95, 022516.	3.3	46
13	Role of carrier and spin in tuning ferromagnetism in Mn and Cr-doped In2O3 thin films. Applied Physics Letters, 2010, 96, .	3.3	42
14	Abundant valley-polarized states in two-dimensional ferromagnetic van der Waals heterostructures. Physical Review B, 2020, 101, .	3.2	42
15	Significant tunneling magnetoresistance and excellent spin filtering effect in CrI₃-based van der Waals magnetic tunnel junctions. Physical Chemistry Chemical Physics, 2020, 22, 14773-14780.	2.8	42
16	Carrier-mediated nonlocal ferromagnetic coupling between local magnetic polarons in Fe-doped In<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>and Co-doped ZnO. Physical Review B, 2011, 84, .	3.2	41
17	Room temperature ferromagnetism in metallic and insulating (In1â^’xFex)2O3 thin films. Journal of Applied Physics, 2011, 109, .	2.5	40
18	Structure and magnetic properties of FePt and FePt/Ag thin films deposited by magnetron sputtering. Thin Solid Films, 2005, 472, 222-226.	1.8	39

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19	Solution Synthesis of Layered van der Waals (vdW) Ferromagnetic CrGeTe₃ Nanosheets from a Non-vdW Cr₂Te₃Template. Journal of the American Chemical Society, 2020, 142, 4438-4444.	13.7	39
20	Synergistic catalysis of Auâ€“Cu/TiO₂-NB nanopaper in aerobic oxidation of benzyl alcohol. Journal of Materials Chemistry A, 2014, 2, 16292-16298.	10.3	37
21	Structural, mechanical and electronic properties of in-plane 1T/2H phase interface of MoS2 heterostructures. AIP Advances, 2015, 5, .	1.3	37
22	Layer-dependent ferroelectricity in 2H-stacked few-layer Î±-In₂Se₃. Materials Horizons, 2021, 8, 1472-1480.	12.2	37
23	Ferromagnetic Cr₂Te₃ nanorods with ultrahigh coercivity. Nanoscale, 2018, 10, 11028-11033.	5.6	35
24	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
25	Facile synthesis of carbon-rich g-C3N4 by copolymerization of urea and tetracyanoethylene for photocatalytic degradation of Orange II. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 358, 61-69.	3.9	34
26	Robust Interfacial Exchange Bias and Metalâ€“Insulator Transition Influenced by the LaNiO₃ Layer Thickness in La_{0.7}Sr_{0.3}MnO₃/LaNiO₃ Superlattices. ACS Applied Materials & Interfaces, 2017, 9, 3156-3160.	8.0	31
27	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
28	Controllable and Stable Quantized Conductance States in a Pt/HfO_x/ITO Memristor. Advanced Electronic Materials, 2020, 6, 1901055.	5.1	31
29	Enhancement of magnetic moment of Co-doped ZnO films by postannealing in vacuum. Journal of Applied Physics, 2008, 103, .	2.5	30
30	Preparation and analysis of anodic aluminum oxide films with continuously tunable interpore distances. Applied Surface Science, 2015, 328, 459-465.	6.1	30
31	Tunable topological states in layered magnetic materials of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mn</mml:mi><mml:msub><mml:mi>Sb</mml:mi><mml:mi><mml:m , and <mml:math xmlns:mml="http:/. Physical Review B, 2021, 103, .	3.2	30
32	Diluted ferromagnetic graphene by compensated nâ€“p codoping. Carbon, 2013, 61, 609-615.	10.3	28
33	A high (001)-oriented CoPt/Ag film deposited on glass substrate. Journal of Magnetism and Magnetic Materials, 2005, 295, 106-109.	2.3	27
34	The dopant concentration and annealing temperature dependence of ferromagnetism in Co-doped ZnO thin films. Applied Surface Science, 2008, 254, 4956-4960.	6.1	27
35	C, N and S codoped rutile TiO 2 nanorods for enhanced visible-light photocatalytic activity. Materials Letters, 2017, 195, 143-146.	2.6	26
36	Large range localized surface plasmon resonance of Ag nanoparticles films dependent of surface morphology. Applied Surface Science, 2016, 367, 563-568.	6.1	25

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37	Newcastle disease virus-like particles induce DC maturation through TLR4/NF-Î¹B pathway and facilitate DC migration by CCR7-CCL19/CCL21 axis. Veterinary Microbiology, 2017, 203, 158-166.	1.9	25
38	Effect of ethanol on the fabrication of porous anodic alumina in sulfuric acid. Surface and Coatings Technology, 2014, 254, 398-401.	4.8	24
39	Room temperature insulating ferromagnetism induced by charge transfer in ultrathin (110) La0.7Sr0.3MnO3 films. Applied Physics Letters, 2017, 110, .	3.3	24
40	Electric Field Control of the Magnetic Weyl Fermion in an Epitaxial SrRuO₃ (111) Thin Film. Advanced Materials, 2021, 33, e2101316.	21.0	24
41	Defects Inducing Ferromagnetism in Carbon-Doped ZnO Films. IEEE Transactions on Magnetics, 2010, 46, 1382-1384.	2.1	23
42	Design and micromagnetic simulation of the L10-FePt/Fe multilayer graded film. Journal of Applied Physics, 2012, 111, 073910.	2.5	23
43	Interfacial Spin Glass State and Exchange Bias in the Epitaxial La0.7Sr0.3MnO3/LaNiO3 Bilayer. Nanoscale Research Letters, 2017, 12, 330.	5.7	23
44	Possible realization of the high-temperature and multichannel quantum anomalous Hall effect in graphene/CrBr₃ heterostructures under pressure. Physical Chemistry Chemical Physics, 2019, 21, 17087-17095.	2.8	23
45	Converting a two-dimensional ferromagnetic insulator into a high-temperature quantum anomalous Hall system by means of an appropriate surface modification. Physical Review B, 2019, 99, .	3.2	23
46	Investigation of structure and magnetoresistance in Co/ZnO films. Journal of Applied Physics, 2010, 108, .	2.5	22
47	Enhanced stress-invariance of magnetization direction in magnetic thin films. Applied Physics Letters, 2017, 111, .	3.3	22
48	Observation of Superconductivity in the LaNiO₃/La_{0.7}Sr_{0.3}MnO₃ Superlattice. ACS Applied Materials & Interfaces, 2018, 10, 1463-1467.	8.0	22
49	A photoelectrochemical sensor for highly sensitive detection of glucose based on Auâ€“NiO1â€“ hybrid nanowires. Sensors and Actuators B: Chemical, 2020, 304, 127330.	7.8	22
50	Tuning magnetic anisotropy of amorphous CoFeB film by depositing on convex flexible substrates. AIP Advances, 2016, 6, .	1.3	21
51	Discovery of Robust Ferroelectricity in 2D Defective Semiconductor Î±â€˜Ga₂Se₃. Small, 2022, 18, e2105599.	10.0	21
52	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
53	Enhancement of perpendicular magnetic anisotropy and spin-orbit torque in Ta/Pt/Co/Ta multi-layered heterostructures through interfacial diffusion. Applied Physics Letters, 2019, 114, .	3.3	20
54	Perpendicular magnetic anisotropy in compressive strained La0.67Sr0.33MnO3 films. Journal of Materials Science, 2019, 54, 9017-9024.	3.7	20

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55	Giant tunneling magnetoresistance and electroresistance in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub -based van der Waals multiferroic tunnel junctions. Physical Review B, 2022, 105, .	3.2	20
56	Realization of resistive switching and magnetoresistance in ZnO/ZnO-Co composite materials. Scientific Reports, 2016, 6, 31934.	3.3	19
57	The Exchange Bias of LaMnO3/LaNiO3 Superlattices Grown along Different Orientations. Scientific Reports, 2017, 7, 10557.	3.3	19
58	Interfacial Ferromagnetic Coupling and Positive Spontaneous Exchange Bias in SrFeO_{3â€“x}/La_{0.7}Sr_{0.3}MnO₃ Bilayers. ACS Applied Materials & Interfaces, 2019, 11, 26460-26466.	8.0	19
59	Thickness-dependent and strain-tunable magnetism in two-dimensional van der Waals VSe2. Nano Research, 2022, 15, 7597-7603.	10.4	19
60	Nearly perfect (001)-oriented Ag/[CoPt/C]5/Ag composite films deposited on glass substrates. Thin Solid Films, 2007, 515, 5471-5475.	1.8	18
61	Dendritic cell-targeted recombinantLactobacilli induce DC activation and elicit specific immune responses against G57 genotype of avian H9N2 influenza virus infection. Veterinary Microbiology, 2018, 223, 9-20.	1.9	18
62	Prediction of monolayered ferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>CrMnI</mml:mi><mml:mn>6</mml:mn></mml:msub></mml as an intrinsic high-temperature quantum anomalous Hall system. Physical Review B, 2020, 102, .	3.2	18
63	Different magnetic origins of (Mn, Fe)-codoped ZnO powders and thin films. Materials Research Bulletin, 2012, 47, 3344-3347.	5.2	17
64	Resistivity dependence of magnetoresistance in Co/ZnO films. Nanoscale Research Letters, 2014, 9, 6.	5.7	17
65	Enhanced photocatalytic properties of Nâ€“P co-doped TiO2 nanosheets with {001} facets. Rare Metals, 2016, 35, 940-947.	7.1	17
66	Exchange Bias Effect and Orbital Reconstruction in (001)-Oriented LaMnO₃/LaNiO₃ Superlattices. ACS Applied Materials & Interfaces, 2017, 9, 39855-39862.	8.0	17
67	Structural and magnetotransport properties in Co/nonmagnetic films. Materials Letters, 2011, 65, 2982-2984.	2.6	16
68	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
69	Detection of viral components in exosomes derived from NDV-infected DF-1 cells and their promoting ability in virus replication. Microbial Pathogenesis, 2019, 128, 414-422.	2.9	16
70	High-temperature and multichannel quantum anomalous Hall effect in pristine and alkaliâ€“metal-doped CrBr₃ monolayers. Nanoscale, 2020, 12, 13964-13972.	5.6	16
71	Identification and pathotypical analysis of a novel VIk sub-genotype Newcastle disease virus obtained from pigeon in China. Virus Research, 2017, 238, 1-7.	2.2	15
72	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

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73	Realizing chemical codoping in TiO₂. Physical Chemistry Chemical Physics, 2015, 17, 17989-17994.	2.8	14
74	Magnetron sputtering deposition of [FePt/Ag]n multilayers for perpendicular recording. Rare Metals, 2006, 25, 47-50.	7.1	13
75	Magnetoresistance in Co/ZnO Films. IEEE Transactions on Magnetics, 2008, 44, 2684-2687.	2.1	13
76	Long-range ferromagnetic graphene via compensated Fe/NO2 co-doping. Applied Surface Science, 2014, 305, 768-773.	6.1	13
77	Engineering optical properties of metal/porous anodic alumina films for refractometric sensing. Applied Surface Science, 2015, 355, 139-144.	6.1	13
78	The investigation of giant magnetic moment in ultrathin Fe3O4 films. APL Materials, 2016, 4, .	5.1	13
79	Realization of quantum anomalous Hall effect in graphene from <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>n</mml:mi><mml:mo>â^'</mml:mo><mml:mi>p</mml:mi></mml: codoping-induced stable atomic adsorption. Physical Review B, 2017, 95, .	3.2	13
80	The strain induced magnetic and anisotropic variations of LaCoO3 thin films. Journal of Magnetism and Magnetic Materials, 2020, 515, 167303.	2.3	13
81	Emergent ferromagnetism with tunable perpendicular magnetic anisotropy in short-periodic SrIrO3/SrRuO3 superlattices. Applied Physics Letters, 2020, 116, .	3.3	13
82	Interlayer ferromagnetism and high-temperature quantum anomalous Hall effect in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -doped <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Mn</mml:mi><mml:msub><mml:mi>Bi</mml:mi><mml:m multilayers. Physical Review B, 2021, 103, .	3.2	13
83	Room temperature quantum spin Hall insulator: Functionalized stanene on layered PbI2 substrate. Applied Physics Letters, 2017, 111, .	3.3	12
84	d-electron-dependent transparent conducting oxide of V-doped ZnO thin films. Journal of Alloys and Compounds, 2020, 822, 153706.	5.5	12
85	Self-rectifying resistance switching memory based on a dynamic pâ€“n junction. Nanotechnology, 2021, 32, 085203.	2.6	12
86	Control of photocurrent and multi-state memory by polar order engineering in 2H-stacked Î±-In2Se3 ferroelectric. Science China Materials, 2022, 65, 1639-1645.	6.3	12
87	Room-temperature spin-orbit torque switching in a manganite-based heterostructure. Physical Review B, 2022, 105, .	3.2	12
88	A study of the optimization of parameters for pulsed laser deposition using Monte Carlo simulation. Thin Solid Films, 2006, 515, 2754-2759.	1.8	11
89	Long-range and strong ferromagnetic graphene by compensated nâ€“p codoping and Ï€â€“Ï€ stacking. Carbon, 2015, 95, 65-71.	10.3	11
90	Magnetoresistance Effect in NiFe/BP/NiFe Vertical Spin Valve Devices. Advances in Condensed Matter Physics, 2017, 2017, 1-6.	1.1	11

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91	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
92	Barrier-dependent electronic transport properties in two-dimensional MnBi2Te4-based van der Waals magnetic tunnel junctions. Applied Physics Letters, 2021, 118, .	3.3	11
93	Diluted magnetic oxides. Science China: Physics, Mechanics and Astronomy, 2013, 56, 111-123.	5.1	10
94	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
95	Electric field induced simultaneous change of transport and magnetic properties in multilayered NiO_x/Pt nanowires. Journal of Materials Chemistry C, 2018, 6, 1996-2003.	5.5	10
96	A genotype VII Newcastle disease virus-like particles confer full protection with reduced virus load and decreased virus shedding. Vaccine, 2019, 37, 444-451.	3.8	10
97	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
98	Contrasting behavior of the structural and magnetic properties in Mn- and Fe-doped In2O3 films. APL Materials, 2013, 1, .	5.1	9
99	Resistive switching and its modulating ferromagnetism and magnetoresistance of a ZnO-Co/SiO2-Co film. Journal of Magnetism and Magnetic Materials, 2019, 489, 165445.	2.3	9
100	Topological phase transition induced by p_{x,y} and p_z band inversion in a honeycomb lattice. Nanoscale, 2019, 11, 13807-13814.	5.6	9
101	Studies on preparation and properties of low temperature phase of MnBi prepared by electrodeposition. Journal of Alloys and Compounds, 2019, 787, 1272-1279.	5.5	9
102	Reversible control of magnetic and transport properties of NdNiO3â€“ epitaxial films. Journal of Rare Earths, 2021, 39, 317-322.	4.8	9
103	Strain-modulated ferromagnetism and band gap of Mn doped Bi2Se3. Scientific Reports, 2016, 6, 29161.	3.3	8
104	Intrinsic exchange bias effect in strain-engineered single antiferromagnetic LaMnO3 films. Science China Materials, 2019, 62, 1046-1052.	6.3	8
105	Strain-induced robust magnetic anisotropy and room temperature magnetoelectric coupling effect in epitaxial SmFeO3 film. Science China Materials, 2020, 63, 2062-2070.	6.3	8
106	Excellent ferroelectricity of 50 nm-thick doped HfO2 thin films induced by annealing with a rapid-heating-temperature process. AIP Advances, 2020, 10, .	1.3	8
107	Enhanced photoelectric performance in a CdO/ZnO/Ag heterostructure thin film photoanode. Vacuum, 2021, 185, 109951.	3.5	8
108	Nanoscale Magnetization Reversal by Magnetoelectric Coupling Effect in Ga_{0.6}Fe_{1.4}O₃ Multiferroic Thin Films. ACS Applied Materials & Interfaces, 2021, 13, 18194-18201.	8.0	8

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109	Room-temperature ferromagnetism enhancement in Fe-doped VSe2 nanosheets synthesized by a chemical method. Rare Metals, 2021, 40, 2501-2507.	7.1	8
110	Experimental observation of topological Hall effects in compensated ferrimagnet-heavy metal layered structures. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	8
111	One-Pot Synthesis Enables Magnetic Coupled Cr₂Te₃/MnTe/Cr₂Te₃ Integrated Heterojunction Nanorods. Nano Letters, 2021, 21, 7684-7690.	9.1	8
112	NDV related exosomes enhance NDV replication through exporting NLRX1 mRNA. Veterinary Microbiology, 2021, 260, 109167.	1.9	8
113	Stable GeSe thin-film solar cells employing non-toxic SnO2 as buffer layer. Rare Metals, 2022, 41, 2992-2997.	7.1	8
114	Effect of Cu additive on the structure and magnetic properties of (CoPt)1â^'x Cu x films. Rare Metals, 2009, 28, 14-18.	7.1	7
115	Perpendicular Giant Magnetoresistance and Magnetic Properties of Co/Cu Nanowire Arrays Affected by Period Number and Copper Layer Thickness. Advances in Condensed Matter Physics, 2016, 2016, 1-9.	1.1	7
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	The antiferromagnetic state in ultrathin LaNiO₃ layer supported by long-range exchange bias in LaNiO₃/SrTiO₃/La_{0.7}Sr_{0.3}MnO₃ superlattices. Journal of Materials Chemistry C, 2018, 6, 582-587.	5.5	7
118	The Role of a Dipeptide Transporter in the Virulence of Human Pathogen, Helicobacter pylori. Frontiers in Microbiology, 2021, 12, 633166.	3.5	7
119	Magnetic properties and magnetic reversal process of exchange-coupled Nd2Fe14B/Î±â€³-Fe16N2 bilayers. Journal of Applied Physics, 2016, 119, .	2.5	6
120	Improved plasmon-assisted photoelectric conversion efficiency across entire ultravioletâ€“visible region based on antenna-on zinc oxide/silver three-dimensional nanostructured films. Nano Research, 2018, 11, 520-529.	10.4	6
121	Quantum anomalous Hall effect and giant Rashba spin-orbit splitting in graphene system co-doped with boron and 5d transition-metal atoms. Frontiers of Physics, 2018, 13, 1.	5.0	6
122	Spontaneous positive exchange bias effect in SrFeO3â^'x/SrCoO3â^'x epitaxial bilayer. Rare Metals, 2021, 40, 1858-1864.	7.1	6
123	Electric-Field Reversible Switching of the Exchange Spring and Exchange Bias Effect in SrCoO_{3â€“x}/La_{0.7}Sr_{0.3}MnO₃ Heterostructures. ACS Applied Materials & Interfaces, 2021, 13, 15774-15782.	8.0	6
124	Selective Substrate-Orbital-Filtering Effect to Realize the Large-Gap Quantum Spin Hall Effect. Nano Letters, 2021, 21, 5828-5833.	9.1	6
125	Ferromagnetism in noncompensated (Mn,Ga)-codoped ZnO films. Physica B: Condensed Matter, 2012, 407, 2215-2218.	2.7	5
126	CoPt Antidot Arrays Fabricated With Dry-Etching Using AAO Templates. IEEE Transactions on Magnetics, 2016, 52, 1-5.	2.1	5

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127	Electrically-controlled resistance and magnetoresistance in a SiO2-Co film. Materials Letters, 2017, 194, 227-230.	2.6	5
128	Quantum oscillation in carrier transport in two-dimensional junctions. Nanoscale, 2018, 10, 7912-7917.	5.6	5
129	Engineering giant Rashba spin-orbit splitting in graphene via nâ^'p codoping. Physical Review B, 2019, 99, .	3.2	5
130	An Electricâ€Fieldâ€Controlled Highâ€Speed Coexisting Multibit Memory and Boolean Logic Operations in Manganite Nanowire via Local Gating. Advanced Electronic Materials, 2019, 5, 1900020.	5.1	5
131	Newcastle disease virus-like particles containing the Brucella BCSP31 protein induce dendritic cell activation and protect mice against virulent Brucella challenge. Veterinary Microbiology, 2019, 229, 39-47.	1.9	5
132	Effect of the oxide layer on the interfacial Dyzaloshinskii-Moriya interaction in perpendicularly magnetized Pt/Co/SmOx and Pt/Co/AlOx heterostructures. Applied Surface Science, 2020, 513, 145768.	6.1	5
133	Dimensionality control of magnetic coupling at interfaces of cuprateâ€"manganite superlattices. Materials Horizons, 2021, 8, 2485-2493.	12.2	5
134	Monte Carlo simulation of growth of binary bcc structured layers. Physical Review B, 2008, 78, .	3.2	4
135	The Dependence of Magnetic Properties on Diameters of One-Dimensional Nickel Nanostructures. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	4
136	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
137	Composition dependence of magneto-optical response in Ag/Co dimer nanodot arrays. Journal of Magnetism and Magnetic Materials, 2016, 419, 553-558.	2.3	4
138	Magnetism and magnetoresistance from different origins in Co/ZnO:Al granular films. Physica B: Condensed Matter, 2016, 502, 16-20.	2.7	4
139	Increased Curie Temperature Induced by Orbital Ordering in La0.67Sr0.33MnO3/BaTiO3 Superlattices. Nanoscale Research Letters, 2018, 13, 24.	5.7	4
140	Homogeneous and inhomogeneous magnetic oxide semiconductors. Chinese Physics B, 2019, 28, 098506.	1.4	4
141	Solid-State Electrochemical Process and Performance Optimization of Memristive Materials and Devices. Chemistry, 2019, 1, 44-68.	2.2	4
142	Dramatically enhanced carrier mobility and Curie temperature in n-p codoped ZnO by proximity effect. Journal of Magnetism and Magnetic Materials, 2020, 496, 165966.	2.3	4
143	Evaluation of the safety and protection efficacy of an attenuated genotype vii newcastle disease virus strain as a candidate vaccine. Microbial Pathogenesis, 2020, 139, 103831.	2.9	4
144	Microstructure and magnetic properties of [FePt/AlN]n multilayers deposited by RF magnetron sputtering. Physica B: Condensed Matter, 2004, 352, 48-52.	2.7	3

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145	The effect of Ag layer on the structural and magnetic properties of (001)-oriented [C/CoPt/Ag]5 films. Thin Solid Films, 2007, 515, 3936-3940.	1.8	3
146	Texture development and magnetic properties of [ZrO 2 /CoPt] n /Ag nanocomposite films. Applied Surface Science, 2007, 253, 3382-3386.	6.1	3
147	Microstructures and magnetic properties of [SiO2/FePt]5/Ag thin films. Central South University, 2008, 15, 11-14.	0.5	3
148	Enhancement of the metal-insulator transition temperature in La0.7Ca0.3MnO3 film by magnetic nanodots. Applied Physics Letters, 2013, 102, .	3.3	3
149	Room temperature ferromagnetism in metallic Ti_{1â^'x}V_xO₂thin films. RSC Advances, 2018, 8, 31382-31387.	3.6	3
150	Inserting a nonmagnetic spacer layer in Nd2Fe14B/Î±â€³-(FeCo)16N2 bilayers significantly improves their coercivity. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	3
151	Field-free spinâ€“orbit torque driven multi-state reversal in wedged Ta/MgO/CoFeB/MgO heterostructures. APL Materials, 2021, 9, 071108.	5.1	3
152	Polarity and charge redistribution induced emergent interfacial ferromagnetism in non-magnetic LaNiO3/SrMnO3 superlattices. Applied Physics Letters, 2020, 117, .	3.3	3
153	Manipulating the optical and electronic properties of MoO3 films through electric-field-induced ion migration. Journal of Materials Chemistry C, 2021, 10, 135-141.	5.5	3
154	Interfacial engineering manipulation of magnetic anisotropy evolution via orbital reconstruction in low-dimensional manganite superlattices. Science China Materials, 2022, 65, 1902-1911.	6.3	3
155	AI-2 Induces Urease Expression Through Downregulation of Orphan Response Regulator HP1021 in Helicobacter pylori. Frontiers in Medicine, 2022, 9, 790994.	2.6	3
156	Performance improvement of Sb2Se3 thin-film solar cells through ultraviolet ozone treatment. Rare Metals, 0, , 1.	7.1	3
157	Magnetic Coupling of Dissimilar ZnOâ€“Co Granular Films Through a ZnO Spacer. Spin, 2015, 05, 1540008.	1.3	2
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