

Interface-induced phenomena in magnetism

Reviews of Modern Physics

89,

DOI: [10.1103/revmodphys.89.025006](https://doi.org/10.1103/revmodphys.89.025006)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Field-free deterministic ultrafast creation of magnetic skyrmions by spin-orbit torques. Nature Nanotechnology, 2017, 12, 1040-1044.	15.6	215
2	Spin-Orbit Torques and Spin Dynamics. Springer Series in Solid-state Sciences, 2017, , 355-385.	0.3	3
3	Dipole-induced exchange bias. Nanoscale, 2017, 9, 17074-17079.	2.8	15
4	Quantum materials discovery from a synthesis perspective. Nature Materials, 2017, 16, 1068-1076.	13.3	59
5	Exchange bias mechanism at the ferromagnetic/antiferromagnetic interface with rotatable antiferromagnetic spins: A Monte Carlo study. Journal of Applied Physics, 2017, 122, 083902.	1.1	2
6	The 2017 Magnetism Roadmap. Journal Physics D: Applied Physics, 2017, 50, 363001.	1.3	279
7	Dynamical depinning of chiral domain walls. Physical Review B, 2017, 96, .	1.1	17
8	Skyrmions in magnetic multilayers. Physics Reports, 2017, 704, 1-49.	10.3	412
9	New Boundary-Driven Twist States in Systems with Broken Spatial Inversion Symmetry. Physical Review Letters, 2017, 119, 127203.	2.9	20
10	X-rays used to watch spins in 3D. Nature, 2017, 547, 290-291.	13.7	4
11	Investigation of the Dzyaloshinskii-Moriya interaction and room temperature skyrmions in W/CoFeB/MgO thin films and microwires. Applied Physics Letters, 2017, 111, .	1.5	74
12	Thermal spin transport and energy conversion. Materials Today Physics, 2017, 1, 39-49.	2.9	58
13	Study of spin pumping in Co thin film vis-à-vis seed and capping layers using ferromagnetic resonance spectroscopy. Journal Physics D: Applied Physics, 2017, 50, 345001.	1.3	23
14	Multiscale dynamics of helicity-dependent all-optical magnetization reversal in ferromagnetic Co/Pt multilayers. Physical Review B, 2017, 96, .	1.1	61
15	Dirac-surface-state-dominated spin to charge current conversion in the topological insulator () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 207	1.1	47
16	Electric current induced ultrafast demagnetization. Physical Review B, 2017, 96, .	1.1	28
17	Magnetic transitions in nanocluster systems taking into account the external field. , 2017, , .		0
18	Tailoring magnetic skyrmions by geometric confinement of magnetic structures. Applied Physics Letters, 2017, 111, 242405.	1.5	8

#	ARTICLE	IF	CITATIONS
19	Robust emergence of a topological Hall effect in MnGa/heavy metal bilayers. <i>Physical Review B</i> , 2018, 97, .	1.1	19
20	Direct Observation of Domain-Wall Surface Tension by Deflating or Inflating a Magnetic Bubble. <i>Physical Review Applied</i> , 2018, 9, .	1.5	27
21	Exact results relating spin-orbit interactions in two-dimensional strongly correlated systems. <i>Philosophical Magazine</i> , 2018, 98, 1708-1730.	0.7	2
22	Tuning Interfacial Magnetic Ordering via Polarization Control in Ferroelectric SrTiO ₃ /PbTiO ₃ Heterostructure. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10536-10542.	4.0	16
23	Spin-orbit torques associated with ferrimagnetic order in Pt/GdFeCo/MgO layers. <i>Scientific Reports</i> , 2018, 8, 6017.	1.6	36
24	Strong modification of thin film properties due to screening across the interface. <i>Physical Review B</i> , 2018, 97, .	1.1	5
25	Non-Fermi liquids in oxide heterostructures. <i>Reports on Progress in Physics</i> , 2018, 81, 062502.	8.1	21
26	Electrodeposited Ni-Based Magnetic Mesoporous Films as Smart Surfaces for Atomic Layer Deposition: An All-Chemical Deposition Approach toward 3D Nanoengineered Composite Layers. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 14877-14885.	4.0	13
27	Oscillatory interlayer coupling in spin Hall systems. <i>Scientific Reports</i> , 2018, 8, 2318.	1.6	17
28	Electric-field control of ferromagnetism in a Co-Fe-Ta-B amorphous alloy. <i>Materials and Design</i> , 2018, 143, 65-71.	3.3	7
29	Relaxation dynamics of magnetization transitions in synthetic antiferromagnet with perpendicular anisotropy. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 135804.	0.7	8
30	Antiferromagnetic spintronics. <i>Reviews of Modern Physics</i> , 2018, 90, .	16.4	1,536
31	Evidence for Dyakonov-Perel-like Spin Relaxation in Pt. <i>Physical Review Letters</i> , 2018, 120, 067204.	2.9	31
32	Some device implications of voltage controlled magnetic anisotropy in Co/Gd ₂ O ₃ thin films through REDOX chemistry. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 451, 487-492.	1.0	2
33	Summary and Future Direction. , 2018, , 153-156.		0
34	Ultrafast magnetodynamics with free-electron lasers. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 053002.	0.7	10
35	Controlling Magnetic and Optical Properties of the van der Waals Crystal CrCl ₃ Br via Mixed Halide Chemistry. <i>Advanced Materials</i> , 2018, 30, e1801325.	11.1	100
36	Nanoscale control of perpendicular magnetic anisotropy, coercive force and domain structure in ultrathin Ru/Co/W/Ru films. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 454, 78-84.	1.0	12

#	ARTICLE	IF	CITATIONS
37	Direct Demonstration of the Emergent Magnetism Resulting from the Multivalence Mn in a LaMnO ₃ Epitaxial Thin Film System. <i>Advanced Electronic Materials</i> , 2018, 4, 1800055.	2.6	27
38	Observation of large exchange bias and topological Hall effect in manganese nitride films. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	18
39	Evolution of ferromagnetism in two-dimensional electron gas of LaTiO ₃ /SrTiO ₃ . <i>Applied Physics Letters</i> , 2018, 112, .	1.5	12
40	Brillouin light scattering investigation of interfacial Dzyaloshinskii–Moriya interaction in ultrathin Co/Pt nanostripe arrays. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 225005.	1.3	14
41	Transitions from a Kondo-like diamagnetic insulator into a modulated ferromagnetic metal in FeGa ₃ Ge. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3273-3278.	3.3	10
42	Resonant magneto-optical Kerr effect measurement system with polarization analysis using a high harmonic generation laser. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2018, 222, 68-73.	0.8	1
43	Physics of SrTiO ₃ -based heterostructures and nanostructures: a review. <i>Reports on Progress in Physics</i> , 2018, 81, 036503.	8.1	202
44	Femtosecond resonant magneto-optical Kerr effect measurement on an ultrathin magnetic film in a soft X-ray free electron laser. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 09TD02.	0.8	8
45	All-optical generation and ultrafast tuning of non-linear spin Hall current. <i>Scientific Reports</i> , 2018, 8, 17102.	1.6	6
46	Perspective: (Beyond) spin transport in insulators. <i>Journal of Applied Physics</i> , 2018, 124, 190901.	1.1	17
47	Collective antiskyrmion-mediated phase transition and defect-induced melting in chiral magnetic films. <i>Scientific Reports</i> , 2018, 8, 16675.	1.6	8
48	Interface enhanced magnetic anisotropy in Pt/Co films. <i>Physical Review B</i> , 2018, 98, .	1.1	4
49	Creation of equal-spin triplet superconductivity at the Al/EuS interface. <i>Nature Communications</i> , 2018, 9, 5248.	5.8	39
50	Optically induced magnetization reversal in Pt/Co multilayers: Role of domain wall dynamics. <i>Physical Review B</i> , 2018, 98, .	1.1	11
51	Perspective: Magnetic skyrmions—Overview of recent progress in an active research field. <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	387
52	Photocontrol of magnetic structure in an itinerant magnet. <i>Physical Review B</i> , 2018, 98, .	1.1	11
53	Helical magnetism in Sr-doped CaMn ₇ O ₁₂ films. <i>Physical Review B</i> , 2018, 98, .	1.1	2
54	Three-dimensional atomic scale electron density reconstruction of octahedral tilt epitaxy in functional perovskites. <i>Nature Communications</i> , 2018, 9, 5220.	5.8	32

#	ARTICLE	IF	CITATIONS
55	Extreme asymmetry of NiO domain walls in multilayered films of the dilute magnetic semiconductor $(\text{Ga,Mn})(\text{As,P})$. <i>Physical Review B</i> , 2018, 98, .	1.1	7
56	Phase Locking of a Pair of Ferromagnetic Nano-oscillators on a Topological Insulator. <i>Physical Review Applied</i> , 2018, 10, .	1.5	5
57	Anatomy of magnetic anisotropy induced by Rashba spin-orbit interactions. <i>Physical Review B</i> , 2018, 98, .	1.1	4
58	Impurity-induced orbital magnetization in a Rashba electron gas. <i>Physical Review B</i> , 2018, 98, .	1.1	4
59	Symmetry and Topology in Antiferromagnetic Spintronics. <i>Springer Series in Solid-state Sciences</i> , 2018, , 267-298.	0.3	4
60	Interface-Induced Anomalous Hall Conductivity in a Confined Metal. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35589-35598.	4.0	4
61	Spin switching in antiferromagnets using NiO -order spin-orbit torques. <i>Chinese Physics B</i> , 2018, 27, 107201.	0.7	2
62	Emergent c -axis magnetic helix in manganite-nickelate superlattices. <i>Physical Review B</i> , 2018, 98, .	1.1	9
63	Asymmetric alloy formation at the Fe-on-Ti and Ti-on-Fe interfaces. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 455001.	0.7	3
64	Emission of Coherent Propagating Magnons by Insulator-Based Spin-Orbit-Torque Oscillators. <i>Physical Review Applied</i> , 2018, 10, .	1.5	44
65	Reversible and magnetically unassisted voltage-driven switching of magnetization in FeRh/PMN-PT . <i>Applied Physics Letters</i> , 2018, 113, .	1.5	37
66	Dynamic Field Modulation of the Octahedral Framework in Metal Oxide Heterostructures. <i>Advanced Materials</i> , 2018, 30, e1804775.	11.1	13
67	Magnetism in two-dimensional van der Waals materials. <i>Nature</i> , 2018, 563, 47-52.	13.7	994
68	Gate-tunable room-temperature ferromagnetism in two-dimensional Fe_3GeTe_2 . <i>Nature</i> , 2018, 563, 94-99.	13.7	1,646
69	Energy Storage via Topological Spin Textures. <i>Physical Review Letters</i> , 2018, 121, 127701.	2.9	18
70	XMCD studies of magnetic polarization at Mo atoms in CoMo alloy and magnetically coupled Co/Mo multilayers. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1400-1407.	1.0	6
71	Ultrafast Photoinduced Multimode Antiferromagnetic Spin Dynamics in Exchange-Coupled Fe/RFEO_3 ($R = \text{Er}$ or Dy) Heterostructures. <i>Advanced Materials</i> , 2018, 30, e1706439.	11.1	37
72	Control of Terahertz Emission by Ultrafast Spin-Charge Current Conversion at Rashba Interfaces. <i>Physical Review Letters</i> , 2018, 120, 207207.	2.9	114

#	ARTICLE	IF	CITATIONS
73	Weak localization of magnons in chiral magnets. Physical Review B, 2018, 97, .	1.1	4
74	Electric switching of magnetism in 2D. Nature Nanotechnology, 2018, 13, 532-532.	15.6	36
75	Relation of planar Hall and planar Nernst effects in thin film permalloy. Journal Physics D: Applied Physics, 2018, 51, 244005.	1.3	9
76	Experimental Evidence of Chiral Ferrimagnetism in Amorphous GdCo Films. Advanced Materials, 2018, 30, e1800199.	11.1	42
77	Ferromagnetism and matrix-dependent charge transfer in strained LaMnO_3 LaCoO_3 superlattices. Materials Research Letters, 2018, 6, 501-507.	4.1	13
78	Magnetic domain wall creep and depinning: A scalar field model approach. Physical Review E, 2018, 97, 062122.	0.8	18
79	Materials characterization by synchrotron x-ray microprobes and nanoprobes. Reviews of Modern Physics, 2018, 90, .	16.4	93
80	Excitation and Amplification of Spin Waves by Spin-Orbit Torque. Advanced Materials, 2018, 30, e1802837.	11.1	55
81	Compass-anisotropy-modulated helical states and skyrmion crystals in chiral magnets. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 2944-2951.	0.9	3
82	Correlation between domain wall creep parameters of thin ferromagnetic films. Applied Physics Letters, 2018, 112, .	1.5	11
83	Spin-wave calculations for magnetic stacks with interface Dzyaloshinskii-Moriya interaction. Physical Review B, 2018, 98, .	1.1	7
84	Magnetic irreversibility in VO ₂ /Ni bilayers. Journal of Physics Condensed Matter, 2018, 30, 374004.	0.7	5
85	Detection of the interfacial exchange field at a ferromagnetic insulator-nonmagnetic metal interface with pure spin currents. Physical Review B, 2018, 98, .	1.1	8
86	Charge transfer in EuS/Bi heterostructures as indicated by the absence of Raman scattering. Physical Review B, 2018, 98, .	1.2	2
87	Large increase of Curie temperature in (110)-oriented $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ films. Ceramics International, 2018, 44, 13695-13698.	2.3	7
88	Theory of the Interfacial Dzyaloshinskii-Moriya Interaction in Rashba Antiferromagnets. Physical Review Letters, 2018, 120, 197202.	2.9	32
89	Characterization of local electric properties of oxide materials using scanning probe microscopy techniques: A review. Functional Materials Letters, 2018, 11, 1830002.	0.7	6
90	Effect of Misfit Strains on the Skyrmion Crystal Phase in Epitaxial Thin Films of Helimagnets. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800247.	1.2	2

#	ARTICLE	IF	CITATIONS
91	Spin-Orbit Torque and Magnetic Damping in Tailored Ferromagnetic Bilayers. Physical Review Applied, 2018, 10, .	1.5	12
92	Reciprocal space tomography of 3D skyrmion lattice order in a chiral magnet. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6386-6391.	3.3	71
93	Current-induced spin polarization in the isotropic k -cubed Rashba model: Theoretical study of p -doped semiconductor heterostructures and perovskite-oxide interfaces. Physical Review B, 2018, 97, .	1.1	6
94	Temperature-dependent relaxation of dipole-exchange magnons in yttrium iron garnet films. Physical Review B, 2018, 97, .	1.1	32
95	Efficient spin to charge current conversion in the 2D semiconductor MoS2 by spin pumping from yttrium iron garnet. Applied Physics Letters, 2018, 112, .	1.5	41
96	Role of the Heavy Metals' s Crystal Phase in Oscillations of Perpendicular Magnetic Anisotropy and the Interfacial Dzyaloshinskii-Moriya Interaction in $W/Co/B/MgO$ Films. Physical Review Applied, 2018, 9, .	1.5	29
97	Magnetism of metallacrown single-molecule magnets: From a simplest model to realistic systems. Physical Review B, 2018, 97, .	1.1	20
98	Domain-Wall Motion Driven by Laplace Pressure in $Co/B/MgO$ Nanodots with Perpendicular Anisotropy. Physical Review Applied, 2018, 9, .	1.5	20
99	Hetero-interface effect on Gilbert damping in nonmagnetic metal/permalloy/nonmagnetic metal trilayers. Journal of Magnetism and Magnetic Materials, 2018, 465, 399-405.	1.0	5
100	A thin film perspective on quantum functional oxides. Current Applied Physics, 2019, 19, 207-214.	1.1	6
101	Temperature dependent resonant microwave absorption in perpendicular magnetic anisotropy epitaxial films of a spinel ferrite. Journal of Applied Physics, 2019, 125, .	1.1	5
102	Magnetic and electrical transport signatures of uncompensated moments in epitaxial thin films of the noncollinear antiferromagnet Mn3Ir. Applied Physics Letters, 2019, 115, 062403.	1.5	12
103	Majorana bound states in magnetic skyrmions imposed onto a superconductor. Physical Review B, 2019, 100, .	1.1	46
104	Magnetic exchange interactions and phase transition in Fe/V(100), V/Fe/V(100) and Fe/V/Fe/V(100) films. European Physical Journal B, 2019, 92, 1.	0.6	0
105	Confinement of magnetism in atomically thin La0.7Sr0.3CrO3/La0.7Sr0.3MnO3 heterostructures. Npj Quantum Materials, 2019, 4, .	1.8	21
106	The comparison between superparamagnetic and ferromagnetic iron oxide nanoparticles for cancer nanotherapy in the magnetic resonance system. Nanotechnology, 2019, 30, 415701.	1.3	17
107	Polycrystalline Co2Mn-based Heusler thin films with high spin polarization and low magnetic damping. Applied Physics Letters, 2019, 115, .	1.5	28
108	Optical Excitation of Propagating Magnetostatic Waves in an Epitaxial Gallenol Film by Ultrafast Magnetic Anisotropy Change. Physical Review Applied, 2019, 12, .	1.5	21

#	ARTICLE	IF	CITATIONS
109	Interfacial ferromagnetism and atomic structures in high-temperature grown Fe ₃ O ₄ /Pt/Fe ₃ O ₄ epitaxial trilayers. Journal of Applied Physics, 2019, 126, .	1.1	12
110	Ultrafast Magnetization Reversal in DyFeCo Thin Film by Single Femtosecond Laser Pulse. Physics of Metals and Metallography, 2019, 120, 825-830.	0.3	3
111	Self-induced inverse spin Hall effect in ferromagnets: Demonstration through nonmonotonic temperature dependence in permalloy. Physical Review B, 2019, 100, .	1.1	13
112	Emergent Magnetic State in (111)-Oriented Quasi-Two-Dimensional Spinel Oxides. Nano Letters, 2019, 19, 8381-8387.	4.5	10
113	Amorphous magnetic semiconductors with Curie temperatures above room temperature. Journal of Semiconductors, 2019, 40, 081510.	2.0	9
114	Observation of a Chirality-Induced Exchange-Bias Effect. Physical Review Applied, 2019, 12, .	1.5	8
115	Current-driven magnetization switching in a van der Waals ferromagnet Fe ₃ GeTe ₂ . Science Advances, 2019, 5, eaaw8904.	4.7	239
116	Magnetic Contrast at Spin-Flip Excitations: An Advanced X-Ray Spectroscopy Tool to Study Magnetic-Ordering. ACS Applied Materials & Interfaces, 2019, 11, 36213-36220.	4.0	12
117	Current-induced spin-orbit torques in ferromagnetic and antiferromagnetic systems. Reviews of Modern Physics, 2019, 91, .	16.4	899
118	Comparative study of methodologies to compute the intrinsic Gilbert damping: interrelations, validity and physical consequences. Journal of Physics Condensed Matter, 2019, 31, 255802.	0.7	9
119	Impact of Symmetry on Anisotropic Magnetoresistance in Textured Ferromagnetic Thin Films. Physical Review Letters, 2019, 123, 137201.	2.9	22
120	Probing and controlling magnetic states in 2D layered magnetic materials. Nature Reviews Physics, 2019, 1, 646-661.	11.9	290
121	Thermal, electric and spin transport in superconductor/ferromagnetic-insulator structures. Progress in Surface Science, 2019, 94, 100540.	3.8	64
122	Spin and charge currents induced by the spin Hall and anomalous Hall effects upon crossing ferromagnetic/nonmagnetic interfaces. Physical Review B, 2019, 99, .	1.1	8
123	Long-term stability and thickness dependence of magnetism in thin (Cr _{0.5} Mn _{0.5}) ₂ GaC MAX phase films. Materials Research Letters, 2019, 7, 159-163.	4.1	12
124	Evidence for exchange bias coupling at the perovskite/brownmillerite interface in spontaneously stabilized $SrCo_{1-x}Fe_xO_{3-\delta}$ bilayers. Physical Review B, 2019, 99, .		19
125	Probing proximity effects in the ferromagnetic semiconductor EuO. Applied Surface Science, 2019, 488, 107-114.	3.1	4
126	Tuning the magnetism of two-dimensional hematene by ferroelectric polarization. Physical Chemistry Chemical Physics, 2019, 21, 12301-12309.	1.3	16

#	ARTICLE	IF	CITATIONS
127	Spinterface: A new platform for spintronics. Nano Materials Science, 2019, 1, 149-155.	3.9	26
128	Transient magnetic-domain-wall ac dynamics by means of magneto-optical Kerr effect microscopy. Physical Review B, 2019, 99, .	1.1	17
129	Light-wave dynamic control of magnetism. Nature, 2019, 571, 240-244.	13.7	195
130	Modulation of magnetocrystalline anisotropy in FePt/PbTiO ₃ heterostructures by ferroelectric polarization. Journal of Physics Condensed Matter, 2019, 31, 395801.	0.7	2
131	Investigating optically excited terahertz standing spin waves using noncollinear magnetic bilayers. Physical Review B, 2019, 99, .	1.1	22
132	Symmetry-breaking interlayer Dzyaloshinskii–Moriya interactions in synthetic antiferromagnets. Nature Materials, 2019, 18, 679-684.	13.3	100
133	Ultralow Magnetic Damping in Co_2Mn -Based Heusler Compounds: Promising Materials for Spintronics. Physical Review Applied, 2019, 11, .	1.5	66
134	Reversibly controlled magnetic domains of Co film via electric field driven oxygen migration at nanoscale. Applied Physics Letters, 2019, 114, .	1.5	11
135	$\text{Co}_{25}\text{Fe}_{10}\text{Mn}_{10}$ Films with Ultralow Total Damping of Ferromagnetic Resonance. Physical Review Applied, 2019, 11, .	1.5	10
136	Atomic-scale determination of spontaneous magnetic reversal in oxide heterostructures. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10309-10316.	3.3	18
137	Effect of hydrostatic pressure on ferromagnetism in two-dimensional CrI_3 . Physical Review B, 2019, 99, .	1.1	38
138	Spin Selectivity in Photoinduced Charge-Transfer Mediated by Chiral Molecules. ACS Nano, 2019, 13, 4928-4946.	7.3	82
139	The critical Barkhausen avalanches in thin random-field ferromagnets with an open boundary. Scientific Reports, 2019, 9, 6340.	1.6	31
140	Low temperature divergence in the AHE and AMR of ultra-thin Pt/Co/Pt trilayers. Journal of Magnetism and Magnetic Materials, 2019, 485, 314-319.	1.0	1
141	Spin-orbit torque and Nernst effect in Bi-Sb/Co heterostructures. Physical Review B, 2019, 99, .	1.1	53
142	Radial vortex core reversal driven by a spin-polarized current in a nanocontact structure. Journal Physics D: Applied Physics, 2019, 52, 295001.	1.3	8
143	Steering Magnetic Skyrmions with Currents: A Nonequilibrium Green's Functions Approach. Physica Status Solidi (B): Basic Research, 2019, 256, 1800590.	0.7	14
144	Cavity-Quantum-Electrodynamical Toolbox for Quantum Magnetism. Physical Review Letters, 2019, 122, 113603.	2.9	47

#	ARTICLE	IF	CITATIONS
145	Recent developments in the application of X-ray and neutron reflectivity to soft-matter systems. <i>Current Opinion in Colloid and Interface Science</i> , 2019, 42, 41-54.	3.4	31
146	Step flow growth of Mn ₅ Ge ₃ films on Ge(111) at room temperature. <i>Applied Surface Science</i> , 2019, 480, 529-536.	3.1	7
147	Magneto-chiral nonreciprocity of spin wave damping in long-period structures. <i>Physical Review B</i> , 2019, 99, .	1.1	5
148	Nanoscale integration of oxides and metals in bulk 3D composites: leveraging SrFe ₁₂ O ₁₉ /Co interfaces for magnetic exchange coupling. <i>Journal of Materials Science</i> , 2019, 54, 8276-8288.	1.7	7
149	All-Optical Multipulse Pump-Probe Method for Selective Control of Magnetization Precessions in Magnetic Multilayers. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2019, 25, 1-5.	1.9	1
150	Quantifying chiral exchange interaction for Néel-type skyrmions via Lorentz transmission electron microscopy. <i>Physical Review B</i> , 2019, 99, .	1.1	21
151	Magnetic small-angle neutron scattering. <i>Reviews of Modern Physics</i> , 2019, 91, .	16.4	140
152	Heteroanionic Materials by Design: Progress Toward Targeted Properties. <i>Advanced Materials</i> , 2019, 31, e1805295.	11.1	150
153	Gilbert damping in NiFeGd compounds: Ferromagnetic resonance versus time-resolved spectroscopy. <i>Physical Review B</i> , 2019, 99, .	1.1	18
154	Effects of Interface Induced Natural Strains on Magnetic Properties of FeRh. <i>Nanomaterials</i> , 2019, 9, 574.	1.9	7
155	Photoinduced Topological Spin Texture in a Metallic Ferromagnet. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 023703.	0.7	8
156	Sculpting stable structures in pure liquids. <i>Science Advances</i> , 2019, 5, eaav4283.	4.7	25
157	Induction of enhanced magnetic behavior in gold, silver, and copper by doping with $SrF_{12}O_{19}$ nanoparticles. <i>Physical Review B</i> , 2019, 99, .	1.1	12
158	A Highly Conductive Layer at an Interface between Ferroelectric BaSrTiO ₃ and Ferromagnetic LaMnO ₃ . <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2019, 83, 1512-1515.	0.1	0
159	Orbitally dominated Rashba-Edelstein effect in noncentrosymmetric antiferromagnets. <i>Nature Communications</i> , 2019, 10, 5381.	5.8	47
160	Interface-driven unusual anomalous Hall effect in $Mn_{1-x}Ga_xPt$ bilayers. <i>Physical Review B</i> , 2019, 100, .	1.1	9
161	Generation and Hall effect of skyrmions enabled using nonmagnetic point contacts. <i>Physical Review B</i> , 2019, 100, .	1.1	14
162	Torque Optimization for Voltage-Controlled Magnetic Tunnel Junctions as Memory and Stochastic Signal Generators. <i>IEEE Magnetics Letters</i> , 2019, 10, 1-4.	0.6	1

#	ARTICLE	IF	CITATIONS
163	Quantum noise in the spin transfer torque effect. Physical Review B, 2019, 100, .	1.1	1
164	Anisotropic magnetoresistance and nontrivial spin Hall magnetoresistance in $\text{Pt}/\text{Pt}^{\pm}$ bilayers. Physical Review B, 2019, 100, .	1.1	35
165	Effects of transition metal spacers on spin-orbit torques, spin Hall magnetoresistance, and magnetic anisotropy of Pt/Co bilayers. Physical Review B, 2019, 100, .	1.1	29
166	Alternating current-induced interfacial spin-transfer torque. Physical Review B, 2019, 100, .	1.1	1
167	Electrically-Transduced Chemical Sensors Based on Two-Dimensional Nanomaterials. Chemical Reviews, 2019, 119, 478-598.	23.0	521
168	Manipulating the Topology of Nanoscale Skyrmion Bubbles by Spatially Geometric Confinement. ACS Nano, 2019, 13, 922-929.	7.3	43
169	Dynamic Interface Formation in Magnetic Thin Film Heterostructures. Advanced Functional Materials, 2019, 29, 1804594.	7.8	3
170	Oxygen vacancy-assisted high ionic conductivity in perovskite $\text{LaCoO}_{3-\delta}$ ($\delta=1/3$) thin film: A first-principles-based study. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 210-214.	0.9	13
171	Interfacial electric field and spin-orbitronic properties of heavy-metal/CoFe bilayers. Applied Physics Letters, 2019, 114, .	1.5	9
172	Chemical, structural and magnetic properties of the Fe/Sb ₂ Te ₃ interface. Journal of Magnetism and Magnetic Materials, 2019, 474, 632-636.	1.0	13
173	Interlayer coupling-driven magnetic ordering and magnetization processes in ultrathin Au/Co/Mo/Co/Au film. Journal of Magnetism and Magnetic Materials, 2019, 475, 683-694.	1.0	8
174	Inverse Spin Hall Effect in Electron Beam Evaporated Topological Insulator Bi ₂ Se ₃ Thin Film. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1800492.	1.2	16
175	Unravelling atomically resolved structure of a high-k dielectric oxide-semiconductor interface: Exit wave reconstruction and ab-initio calculation insights. Journal of Alloys and Compounds, 2020, 813, 152232.	2.8	1
176	Hannay angles in magnetic dynamics. Annals of Physics, 2020, 412, 168010.	1.0	4
177	Skyrmion-electronics: writing, deleting, reading and processing magnetic skyrmions toward spintronic applications. Journal of Physics Condensed Matter, 2020, 32, 143001.	0.7	268
178	Enhanced ferromagnetism and conductivity in epitaxial LaMnO ₃ thin films by oxygen-atmosphere annealing. Journal of Magnetism and Magnetic Materials, 2020, 499, 166317.	1.0	14
179	Modeling the effect of temperature and size of core/shell nanoparticles on the exchange bias of a hysteresis loop. Journal of Magnetism and Magnetic Materials, 2020, 500, 166366.	1.0	7
180	Observation of Magnetic Antiskyrmions in the Low Magnetization Ferrimagnet Mn ₂ Rh _{0.95} Ir _{0.05} Sn. Nano Letters, 2020, 20, 59-65.	4.5	51

#	ARTICLE	IF	CITATIONS
181	Electron Confinement and Magnetism of (LaTiO ₃) ₁ /(SrTiO ₃) ₅ Heterostructure: A Diffusion Quantum Monte Carlo Study. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 643-650.	2.3	4
182	Influence of the Pt thickness on the structural and magnetic properties of epitaxial Fe/Pt bilayers. <i>Thin Solid Films</i> , 2020, 694, 137716.	0.8	5
183	Nanopatterned hard/soft bilayer magnetic antidot arrays with long-range periodicity. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 498, 166142.	1.0	5
184	Visualizing quantum phenomena at complex oxide interfaces: An atomic view from scanning transmission electron microscopy. <i>Frontiers of Physics</i> , 2020, 15, 1.	2.4	5
185	Novel phenomena in two-dimensional semiconductors. , 2020, , 25-79.		0
186	Electric-field control of spin dynamics during magnetic phase transitions. <i>Science Advances</i> , 2020, 6, .	4.7	22
187	Robust spin-orbit torques in ferromagnetic multilayers with weak bulk spin Hall effect. <i>Applied Physics Letters</i> , 2020, 117, 122401.	1.5	3
188	Anomalous Hall effect in multilayers mediated by interface scattering and nonlocal spin conductivity. <i>Physical Review B</i> , 2020, 102, .	1.1	14
189	Interfacial resonant tunneling induced by folded bands and providing highly spin-polarized current in spinel-oxide barrier junctions. <i>Physical Review B</i> , 2020, 102, .	1.1	6
190	Room-temperature ferromagnetism in Gd and Sn co-doped bismuth ferrite nanoparticles and co-doped BiFeO ₃ /MXene (Ti ₃ C ₂) nanohybrids for spintronics applications. <i>Ceramics International</i> , 2020, 46, 29011-29021.	2.3	12
191	Prediction of confined and controllable Bloch points in nanocubes of chiral magnets. <i>Physical Review B</i> , 2020, 102, .	1.1	5
192	Structural Relaxation and Crystalline Phase Effects on the Exchange Bias Phenomenon in Fe ₂ /Fe Core/Shell Nanoparticles. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000862.	1.9	4
193	FeCl ₂ monolayer on HOPG: art of growth and momentum filtering effect. <i>Nanoscale</i> , 2020, 12, 16041-16045.	2.8	34
194	Enhancement of perpendicular magnetic anisotropy and Dzyaloshinskii-Moriya interaction in thin ferromagnetic films by atomic-scale modulation of interfaces. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	28
195	Tuning magnetic anisotropy by interfacial engineering in La _{2/3} Sr _{1/3} Co _{1-x} Mn _x O _{2.5} + Γ /La _{2/3} Sr _{1/3} MnO ₃ /La _{2/3} Sr _{1/3} Co _{1-x} Mn _x O _{2.5} + Γ trilayers*. <i>Chinese Physics B</i> , 2020, 29, 097402.	0.7	1
196	Current-driven transverse domain wall oscillations in perpendicular spin-valve structures. <i>Physical Review B</i> , 2020, 102, .	1.1	3
197	Site-specific spectroscopic measurement of spin and charge in (LuFeO ₃) _m /(LuFe ₂ O ₄) ₁ multiferroic superlattices. <i>Nature Communications</i> , 2020, 11, 5582.	5.8	9
198	Efficient spin excitation via ultrafast damping-like torques in antiferromagnets. <i>Nature Communications</i> , 2020, 11, 6142.	5.8	5

#	ARTICLE	IF	CITATIONS
199	Curie temperature engineering in a novel 2D analog of iron ore (hematene) <i>via</i> strain. <i>Nanoscale Advances</i> , 2020, 2, 5890-5896.	2.2	13
200	Emergent Spin Glass Behavior Created by Self-Assembled Antiferromagnetic NiO Columns in Ferrimagnetic NiFe ₂ O ₄ . <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 38788-38795.	4.0	5
201	Two-dimensional functional materials: from properties to potential applications. <i>International Journal of Smart and Nano Materials</i> , 2020, 11, 247-264.	2.0	14
202	Voltage-induced ferromagnetism in a diamagnet. <i>Science Advances</i> , 2020, 6, eabb7721.	4.7	34
203	Atomic-Scale Control of Electronic Structure and Ferromagnetic Insulating State in Perovskite Oxide Superlattices by Long-Range Tuning of BO ₆ Octahedra. <i>Advanced Functional Materials</i> , 2020, 30, 2001984.	7.8	12
204	Noncollinear frustrated antiferromagnetic Mn ₃ P monolayer and its tunability via a spin degree of freedom. <i>Journal of Materials Chemistry C</i> , 2020, 8, 11369-11375.	2.7	3
205	Reversible Switching of Interlayer Exchange Coupling through Atomically Thin VO ₂ via Electronic State Modulation. <i>Matter</i> , 2020, 2, 1582-1593.	5.0	202
206	A cleanroom in a glovebox. <i>Review of Scientific Instruments</i> , 2020, 91, 073909.	0.6	13
207	Vacancies and spin-phonon coupling in CrSi _{0.8} Ge _{0.1} Te ₃ . <i>Journal of Raman Spectroscopy</i> , 2020, 51, 2153-2160.	1.2	3
208	Novel Non-Reciprocal Microwave Spin Wave and Magneto-Elastic Wave Devices for On-Chip Signal Processing. , 2020, , .		0
209	Spin-orbit torque nano-oscillator with giant magnetoresistance readout. <i>Communications Physics</i> , 2020, 3, .	2.0	12
210	Two-magnon frequency-pulling effect in ferromagnetic resonance. <i>Applied Physics Letters</i> , 2020, 117, 172401.	1.5	0
211	Modification of terahertz emission spectrum using microfabricated spintronic emitters. <i>Journal of Applied Physics</i> , 2020, 128, 103902.	1.1	9
212	Room temperature ferromagnetism in ultra-thin van der Waals crystals of 1T-CrTe ₂ . <i>Nano Research</i> , 2020, 13, 3358-3363.	5.8	175
213	An integrated ultra-high vacuum apparatus for growth and <i>in situ</i> characterization of complex materials. <i>Review of Scientific Instruments</i> , 2020, 91, 085109.	0.6	17
214	Fe/Sb ₂ Te ₃ Interface Reconstruction through Mild Thermal Annealing. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000905.	1.9	5
215	Characterizing the Magnetic Interfacial Coupling of the Fe/FeGe Heterostructure by Ferromagnetic Resonance. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46908-46913.	4.0	7
216	Tunable and enhanced Rashba spin-orbit coupling in iridate-manganite heterostructures. <i>Physical Review B</i> , 2020, 102, .	1.1	21

#	ARTICLE	IF	CITATIONS
217	Meron-like topological spin defects in monolayer CrCl ₃ . Nature Communications, 2020, 11, 4724.	5.8	65
218	Emergent Interfacial Ferromagnetism and Exchange Bias Effect in Paramagnetic/Ferromagnetic Oxide Heterostructures. Advanced Materials Interfaces, 2020, 7, 2001172.	1.9	11
219	Emergent phenomena and proximity effects in two-dimensional magnets and heterostructures. Nature Materials, 2020, 19, 1276-1289.	13.3	213
220	Enhanced positive and negative exchange bias in Fe ₂ /Ni with dusted interfaces. Applied Physics Letters, 2020, 117, .	1.5	4
221	Excitation of Terahertz Magnons in Antiferromagnetic Nanostructures: Theory and Experiment. Journal of Experimental and Theoretical Physics, 2020, 131, 71-82.	0.2	6
222	Key Role of the Surface Band Structure in Spin-Dependent Interfacial Electron Transfer: Ar/Fe(110) and Ar/Co(0001). Journal of Physical Chemistry Letters, 2020, 11, 7141-7145.	2.1	3
223	Unconventional magnetization textures and domain-wall pinning in Sm ²⁺ Co magnets. Scientific Reports, 2020, 10, 21209.	1.6	14
224	Intercalated phases of transition metal dichalcogenides. SmartMat, 2020, 1, e1013.	6.4	66
225	Majorana modes in emergent-wire phases of helical and cycloidal magnet-superconductor hybrids. Physical Review B, 2020, 102, .	1.1	24
226	Magnon thermal Edelstein effect detected by inverse spin Hall effect. Applied Physics Letters, 2020, 117, .	1.5	8
227	Meronlike Spin Textures in In-Plane-Magnetized Thin Films. Physical Review Applied, 2020, 14, .	1.5	4
228	Spin-orbit torques. Handbook of Magnetic Materials, 2020, 29, 1-55.	0.6	3
229	Exchange Bias in Films of Iron Group Metals and Alloys. Inorganic Materials: Applied Research, 2020, 11, 172-176.	0.1	0
230	Strain-promoted perpendicular magnetic anisotropy in Co-Rh alloys. Applied Physics Letters, 2020, 116, .	1.5	5
231	Local measurement of interfacial interactions using ferromagnetic resonance force microscopy. Physical Review B, 2020, 101, .	1.1	4
232	Spin Hall Effect in Bilayer Graphene Combined with an Insulator up to Room Temperature. Nano Letters, 2020, 20, 4573-4579.	4.5	20
233	Exchange bias effect in epitaxial La _{0.35} Sr _{0.65} MnO ₃ /La _{0.7} Sr _{0.3} MnO ₃ bilayers: Impact of antiferromagnet growth conditions. Vacuum, 2020, 175, 109280.	1.6	5
234	Element-selectively tracking ultrafast demagnetization process in Co/Pt multilayer thin films by the resonant magneto-optical Kerr effect. Applied Physics Letters, 2020, 116, .	1.5	26

#	ARTICLE	IF	CITATIONS
235	Statistically meaningful measure of domain-wall roughness in magnetic thin films. Physical Review B, 2020, 101, .	1.1	9
236	Perpendicular Magnetic Anisotropy and Dzyaloshinskii-Moriya Interaction at an Oxide/Ferromagnetic Metal Interface. Physical Review Letters, 2020, 124, 217202.	2.9	27
237	Proposal for Unambiguous Electrical Detection of Spin-Charge Conversion in Lateral Spin Valves. Physical Review Letters, 2020, 124, 236803.	2.9	14
238	Spin-orbit torque field-effect transistor (SOTFET): Proposal for a magnetoelectric memory. Applied Physics Letters, 2020, 116, 242405.	1.5	9
239	Rashba-metal to Mott-insulator transition. Physical Review B, 2020, 101, .	1.1	7
240	Exchange Interactions in NiFe/Ta/IrMn Heterostructures under Conditions of Tantalum Deficiency. Physics of the Solid State, 2020, 62, 1033-1038.	0.2	3
241	Effect of strain on magnetic and orbital ordering of LaSrCrO_3 heterostructures. Physical Review B, 2020, 101, .	1.1	11
242	Tailoring magnetic interactions in atomic bilayers of Rh and Fe on Re(0001). Physical Review B, 2020, 101, .	1.1	4
243	Magnetoplasmonic properties of perpendicularly magnetized [Co/Pt]N nanodots. Physical Review B, 2020, 101, .	1.1	15
244	External-Field-Free Spin Hall Switching of Perpendicular Magnetic Nanopillar with a Dipole-Coupled Composite Structure. Advanced Electronic Materials, 2020, 6, 1901368.	2.6	29
245	Chemistry-dependent magnetic properties at the FeNi oxide-metal interface. Journal of Materials Chemistry C, 2020, 8, 5777-5785.	2.7	7
246	Prediction of orientation relationships and interface structures between \hat{I}_\pm , \hat{I}^2 , \hat{I}^3 -FeSi ₂ and Si phases. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 469-482.	0.5	7
247	Origin of functionality for functional materials at atomic scale. Nano Select, 2020, 1, 183-199.	1.9	12
248	Interfacial magnetic anisotropy in Py/MoS ₂ bilayer. Journal of Magnetism and Magnetic Materials, 2020, 514, 167206.	1.0	9
249	Interfacial modulation of spin pumping in YIG/Pt. Physical Review B, 2020, 102, .	1.1	14
250	Layer-dependence of macroscopic and atomic magnetic correlations in Co/Pd multilayers. AIP Advances, 2020, 10, 065321.	0.6	1
251	Interfacial tuning of chiral magnetic interactions for large topological Hall effects in LaMnO_3 /SrIrO ₃ heterostructures. Science Advances, 2020, 6, eaaz3902.	4.7	50
252	Enhancement of perpendicular magnetic anisotropy of ferromagnet/oxide heterointerface by an oxygen-dependent orbital modulation. Applied Physics Letters, 2020, 116, .	1.5	3

#	ARTICLE	IF	CITATIONS
271	Correlation between Dzyaloshinskii-Moriya interaction and orbital angular momentum at an oxide-ferromagnet interface. <i>Physical Review B</i> , 2020, 101, .	1.1	20
272	Correlation of interfacial perpendicular magnetic anisotropy and interlayer exchange coupling in CoFe/W/CoFe structures. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 334001.	1.3	3
273	Magnonic analog of the Edelstein effect in antiferromagnetic insulators. <i>Physical Review B</i> , 2020, 101, .	1.1	10
274	Ferromagnetic resonance of Co thin films grown by atomic layer deposition on the Sb ₂ Te ₃ topological insulator. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 509, 166885.	1.0	9
275	Quantum Statistics of Vortices from a Dual Theory of the XY Ferromagnet. <i>Physical Review Letters</i> , 2020, 124, 157203.	2.9	14
276	Extend NdJ relationship with the size, multiple exchanges and Dzyaloshinskii-Moriya interaction for Néel skyrmions in hexagonal magnetic interfaces. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 507, 166805.	1.0	12
277	Temperature controlled switchable exchange bias and coercivity in spin glass/ferromagnet multilayers under tilting magnetizing. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9749-9758.	1.3	6
278	Electric field control of magnetism at the $\hat{\Gamma}^3$ -FeSi ₂ /Si(001) interface. <i>Journal of Materials Science</i> , 2021, 56, 3804-3813.	1.7	2
279	Emerging Spintronics Phenomena and Applications. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-34.	1.2	20
280	Spin textures and magnetotransport properties in cobalt/ruthenium and cobalt/palladium bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 519, 167447.	1.0	1
281	The controls of magnetization dynamics and magneto-optic properties in single-crystalline yttrium iron garnet capped by rare-earth dysprosium nano-films. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 522, 167546.	1.0	1
282	Magnetic properties and the interfacial Dzyaloshinskii-Moriya interaction in exchange biased Pt/Co/NixOy films. <i>Applied Surface Science</i> , 2021, 543, 148720.	3.1	14
283	Thickness dependent magnetic properties of ferromagnetic films (Fe, Co) interfaced with Ta. <i>Thin Solid Films</i> , 2021, 719, 138490.	0.8	4
284	Thickness dependence of interfacial Dzyaloshinskii-Moriya interaction, magnetic anisotropy and spin waves damping in Pt/Co/Ir and Ir/Co/Pt trilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 519, 167485.	1.0	15
285	A Quantitative Description of Skyrmions in Ultrathin Ferromagnetic Films and Rigidity of Degree \mathbb{R}^m Harmonic Maps from \mathbb{R}^2 to \mathbb{S}^2 . <i>Archive for Rational Mechanics and Analysis</i> , 2021, 239, 219-299.	1.1	13
286	Recent Progress on Topological Structures in Ferroic Thin Films and Heterostructures. <i>Advanced Materials</i> , 2021, 33, e2000857.	11.1	84
287	Magnetization Dynamics. , 2021, , 1-33.		0
288	All-boron planar ferromagnetic structures: from clusters to monolayers. <i>Nanoscale</i> , 2021, 13, 9881-9887.	2.8	7

#	ARTICLE	IF	CITATIONS
289	Electrical nucleation and detection of magnetic skyrmions. , 2021, , 255-288.		0
290	Optical Studies of Magnetically Ordered Metallic Thin Films. , 2021, , 1-71.		0
291	Effect of inhomogeneous magnetization in optical second harmonic generation from layered nanostructures. Optics Express, 2021, 29, 2106.	1.7	4
292	A perpendicular field electromagnet with a 250 mm access bore. Review of Scientific Instruments, 2021, 92, 015102.	0.6	0
293	Tuning Dzyaloshinskiiâ€Moriya interaction <i>via</i> an electric field at the Co/h-BN interface. Physical Chemistry Chemical Physics, 2021, 23, 22246-22250.	1.3	5
294	Large Damping Enhancement in Diracâ€Semimetalâ€Ferromagneticâ€Metal Layered Structures Caused by Topological Surface States. Advanced Functional Materials, 2021, 31, 2008411.	7.8	17
295	Spin-orbit torque switching of chiral magnetization across a synthetic antiferromagnet. Communications Physics, 2021, 4, .	2.0	23
296	Study of the Morphology and Magnetic Properties of Fe Island Films with Antiferromagnetic Layers. Journal of Surface Investigation, 2021, 15, 128-138.	0.1	0
297	Modulating Antiferromagnetic La_{0.35}Sr_{0.65}MnO₃ via Low-Voltage Pulsing Across a Ferroelectric Copolymer Gate Dielectric. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	0
298	Enhanced Spinâ€Orbit Coupling in Heavy Metals via Molecular Coupling. ACS Applied Materials & Interfaces, 2021, 13, 5228-5234.	4.0	10
299	Magnetic and Electronic Properties of Weyl Semimetal Co2MnGa Thin Films. Nanomaterials, 2021, 11, 251.	1.9	21
300	Giant anomalous Hall effect from spin-chirality scattering in a chiral magnet. Nature Communications, 2021, 12, 317.	5.8	40
301	Chiral Spin Textures in Amorphous Ironâ€Germanium Thick Films. Advanced Materials, 2021, 33, e2004830.	11.1	13
302	Magnetic field dependent cycloidal rotation in pristine and Ge-doped CoCr2O4. Physical Review B, 2021, 103, .	1.1	2
303	Study of magnetic zigzag domain walls and magnetization reversal process in polycrystalline cobalt thin films: Effect of thickness and crystallographic texturing. Thin Solid Films, 2021, 719, 138492.	0.8	2
304	Antiferromagnetism of CoO-NiO bilayers studied by XMLD spectroscopy. Journal Physics D: Applied Physics, 2021, 54, 185001.	1.3	2
305	The role of chemical and microstructural inhomogeneities on interface magnetism. Nanotechnology, 2021, 32, 205701.	1.3	9
306	Interface and bulk superconductivity in superconducting heterostructures with enhanced critical temperatures. Physical Review B, 2021, 103, .	1.1	3

#	ARTICLE	IF	CITATIONS
307	Thermally induced spin torque and domain-wall motion in superconductor/antiferromagnetic-insulator bilayers. <i>Physical Review B</i> , 2021, 103, .	1.1	6
308	Inversion-Symmetry Engineering in Layered Oxide Thin Films. <i>Nano Letters</i> , 2021, 21, 2780-2785.	4.5	10
309	Effects of Interfacial Oxidization on Magnetic Damping and Spin-Orbit Torques. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 19414-19421.	4.0	7
310	First-principles calculation of the Dzyaloshinskii-Moriya interaction: A Green's function approach. <i>Physical Review B</i> , 2021, 103, .	1.1	14
311	Influence of Magnetic Field on Level of Linearly Polarized Laser Beam Passing through Faraday Crystal. <i>Defect and Diffusion Forum</i> , 0, 408, 129-140.	0.4	0
312	Disentangling Spin, Anomalous, and Planar Hall Effects in Ferromagnetic Heavy-Metal Nanostructures. <i>Physical Review Applied</i> , 2021, 15, .	1.5	16
313	Exchange bias and training effect in an amorphous Zn-Fe-O/nanocrystalline GaFeO ₃ bilayer thin film. <i>Materials Research Bulletin</i> , 2021, 136, 111146.	2.7	1
314	Voltage control of skyrmions: Creation, annihilation, and zero-magnetic field stabilization. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	14
315	Cross-sublattice spin pumping and magnon level attraction in van der Waals antiferromagnets. <i>Physical Review B</i> , 2021, 103, .	1.1	8
316	An investigation of the interface and bulk contributions to the magneto-optic activity in Co/Pt multi-layered thin films. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	4
317	Optically Induced Static Magnetization in Metal Halide Perovskite for Spin-Related Optoelectronics. <i>Advanced Science</i> , 2021, 8, 2004488.	5.6	14
318	Computational design of two-dimensional magnetic materials. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2022, 12, e1545.	6.2	12
319	Topics in the mathematical design of materials. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200108.	1.6	1
320	Planar Hall effect in c-axis textured films of Bi ₂ S ₃ topological insulator. <i>AIP Advances</i> , 2021, 11, .	0.6	7
321	Interfacial and bulk spin Hall contributions to fieldlike spin-orbit torque generated by iridium. <i>Physical Review B</i> , 2021, 103, .	1.1	11
322	Surface oxidation in a van der Waals ferromagnet Fe _{3-x} GeTe ₂ . <i>Current Applied Physics</i> , 2021, 30, 40-45.	1.1	8
323	Tunable Exchange-Bias-Like Effect in Bi -Substituted Gadolinium Iron Garnet Film. <i>Physical Review Applied</i> , 2021, 15, .	1.5	2
324	Induced magnetization in Cu atoms at the Fe-Co/Cu ₃ Au(001) interface: X-ray magnetic circular dichroism experiments and theoretical results. <i>Applied Surface Science</i> , 2021, 548, 149215.	3.1	1

#	ARTICLE	IF	CITATIONS
325	Graded magnetic materials. Journal Physics D: Applied Physics, 2021, 54, 303002.	1.3	23
326	Theory of surface-induced multiferroicity in magnetic materials, thin films, and multilayers. Physical Review B, 2021, 103, .	1.1	2
327	In-plane magnetic field-induced skyrmion crystal in frustrated magnets with easy-plane anisotropy. Physical Review B, 2021, 103, .	1.1	33
328	Effect of isothermal crystallization in antiferromagnetic IrMn on the formation of spontaneous exchange bias. Applied Physics Letters, 2021, 118, .	1.5	7
329	Interface Driven Effects in Magnetization-Induced Optical Second Harmonic Generation in Layered Films Composed of Ferromagnetic and Heavy Metals. Materials, 2021, 14, 3573.	1.3	1
330	Predicting and Synthesizing Interface Stabilized 2D Layers. Chemistry of Materials, 2021, 33, 5076-5084.	3.2	4
331	Recent advances in tunable spin-orbit coupling using ferroelectricity. APL Materials, 2021, 9, .	2.2	8
332	Magnetism in curved geometries. Journal of Applied Physics, 2021, 129, .	1.1	29
333	Asymmetric interfaces and high-TC ferromagnetic phase in La _{0.67} Ca _{0.33} MnO ₃ /SrRuO ₃ superlattices. Nano Research, 2021, 14, 3621-3628.	5.8	6
334	Ruderman-Kittel-Kasuya-Yosida-type interfacial Dzyaloshinskii-Moriya interaction in heavy metal/ferromagnet heterostructures. Nature Communications, 2021, 12, 3280.	5.8	5
335	Large spin-to-charge conversion in ultrathin gold-silicon multilayers. Physical Review Materials, 2021, 5, .	0.9	2
336	All-Electrical Magnon Transport Experiments in Magnetically Ordered Insulators. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2100130.	1.2	12
337	Dependence of exchange bias and coercive field on Cu spacer thickness in oblique deposited Co/Cu/CoO multilayers. Journal of Magnetism and Magnetic Materials, 2021, 530, 167926.	1.0	6
338	Symmetry-Protected Photonic Chiral Spin Textures by Spin-Orbit Coupling. Laser and Photonics Reviews, 2021, 15, 2000554.	4.4	14
339	Low-Voltage Magnetoelectric Coupling in Fe _{0.5} Rh _{0.5} /0.68PbMg _{1/3} Nb _{2/3} O ₃ ∕0.32PbTiO ₃ Thin-Film Heterostructures. Advanced Functional Materials, 2021, 31, 2105068.	2.8	2
340	Plasma Etching-Assisted Perpendicular Magnetic Anisotropy. Physica Status Solidi (A) Applications and Materials Science, 2021, 218, 2100368.	0.8	1
341	Ultrafast measurements of the interfacial spin Seebeck effect in Au and rare-earth iron-garnet bilayers. Physical Review Materials, 2021, 5, .	0.9	7
342	Chiral magnetic domain walls under transverse fields: A semi-analytical model. Journal of Magnetism and Magnetic Materials, 2021, 530, 167916.	1.0	0

#	ARTICLE	IF	CITATIONS
343	A quantum material spintronic resonator. Scientific Reports, 2021, 11, 15082.	1.6	3
344	Domain-wall roughness in GdFeCo thin films: Crossover length scales and roughness exponents. Physical Review B, 2021, 104, .	1.1	5
345	Scanning Thermal Microscopy and Ballistic Phonon Transport in Lateral Spin Valves. Physical Review Letters, 2021, 127, 035901.	2.9	3
346	Emergence of Nontrivial Spin Textures in Frustrated Van Der Waals Ferromagnets. Nanomaterials, 2021, 11, 1770.	1.9	9
347	Rashba-Edelstein magnetoresistance in two-dimensional materials at room temperature. Physical Review B, 2021, 104, .	1.1	7
348	Fabrication of a 3D Nanomagnetic Circuit with Multi-Layered Materials for Applications in Spintronics. Micromachines, 2021, 12, 859.	1.4	10
349	Inverse dependence of exchange bias and coercivity on cooling field caused by interfacial randomization in nanosystems with Co sparsely distributed in CoFe ₂ O ₄ matrix. Journal of Materials Science and Technology, 2022, 98, 258-267.	5.6	9
350	Applied Trends in Magnetic Rare Earth/Transition Metal Alloys and Multilayers. Sensors, 2021, 21, 5615.	2.1	16
351	Spin-Gapless States in Two-Dimensional Molecular Ferromagnet Fe ₂ (TCNQ) ₂ . Journal of Physical Chemistry Letters, 2021, 12, 7921-7927.	2.1	4
352	Rare-Earth Permanent Magnet SmCo ₅ for Chiral Interfacial Spin-Orbitronics. Advanced Functional Materials, 2021, 31, 2104426.	7.8	12
353	The 2021 Magnonics Roadmap. Journal of Physics Condensed Matter, 2021, 33, 413001.	0.7	287
354	Resonant Measurement of Nonreorientable Spin-Orbit Torque from a Ferromagnetic Source Layer Accounting for Dynamic Spin Pumping. Physical Review Applied, 2021, 16, .	1.5	2
355	Tuneable exchange-spring stiffness in amorphous magnetic trilayer structures. Journal of Physics Condensed Matter, 2021, 33, 445803.	0.7	1
356	Controlled Domain-Wall Pair to Skyrmion Conversion in Typical Junction Geometry Useful for Magnetic Memory Devices. ECS Journal of Solid State Science and Technology, 2021, 10, 081002.	0.9	5
357	Magnetization Reversal and Dynamics in Epitaxial Fe/Pt Spintronic Bilayers Stimulated by Interfacial Fe ₃ O ₄ Nanoparticles. Materials, 2021, 14, 4354.	1.3	4
358	Quantum physical reality of polar-nonpolar oxide heterostructures. Physical Review B, 2021, 104, .	1.1	2
359	Rashba-Type Dzyaloshinskii-Moriya Interaction, Perpendicular Magnetic Anisotropy, and Skyrmion States at 2D Materials/Co Interfaces. Nano Letters, 2021, 21, 7138-7144.	4.5	22
360	Direct Evidence of a Graded Magnetic Interface in Bimagnetic Core/Shell Nanoparticles Using Electron Magnetic Circular Dichroism (EMCD). Nano Letters, 2021, 21, 6923-6930.	4.5	8

#	ARTICLE	IF	CITATIONS
361	Interfacial Control via Reversible Ionic Motion in Battery-Like Magnetic Tunnel Junctions. <i>Advanced Electronic Materials</i> , 2021, 7, 2100512.	2.6	3
362	Imaging the spin chirality of ferrimagnetic Néel skyrmions stabilized on topological antiferromagnetic Mn_3Sn . <i>Physical Review Materials</i> , 2021, 5, .	0.9	16
363	Insertion layer magnetism detection and analysis using transverse magneto-optical Kerr effect (T-MOKE) ellipsometry. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 435002.	1.3	5
364	Interface involved Dresselhaus spin-orbit coupling in GaInAs/AlInAs heterostructures. <i>Physical Review B</i> , 2021, 104, .	1.1	5
365	Lateral Modulation of Magnetic Anisotropy in Tricolor 3d-5d Oxide Superlattices. <i>ACS Applied Electronic Materials</i> , 2021, 3, 4210-4217.	2.0	5
366	Dependence of the interfacial Dzyaloshinskii-Moriya interaction, perpendicular magnetic anisotropy, and damping in Co-based systems on the thickness of Pt and Ir layers. <i>Physical Review B</i> , 2021, 104, .	1.1	5
367	Magnetolectric phase transition driven by interfacial-engineered Dzyaloshinskii-Moriya interaction. <i>Nature Communications</i> , 2021, 12, 5453.	5.8	18
368	Maximizing spin-orbit torque generated by the spin Hall effect of Pt. <i>Applied Physics Reviews</i> , 2021, 8, .	5.5	67
369	Field-Tunable Interactions and Frustration in Underlayer-Mediated Artificial Spin Ice. <i>Physical Review Letters</i> , 2021, 127, 117203.	2.9	9
370	Ultrafast electron microscopy for probing magnetic dynamics. <i>MRS Bulletin</i> , 2021, 46, 711-719.	1.7	9
371	Thermal Annealing Effect on GaSb Thin Films Deposited on Si (001) for Assembly of GaSb/Mn Multilayer Systems at Room Temperature. <i>Journal of Electronic Materials</i> , 2021, 50, 6403-6413.	1.0	1
372	Large-Area Epitaxial Film Growth of van der Waals Ferromagnetic Ternary Chalcogenides. <i>Advanced Materials</i> , 2021, 33, e2103609.	11.1	12
373	Principles of spintronic THz emitters. <i>Journal of Applied Physics</i> , 2021, 130, .	1.1	32
374	X-ray photoelectron spectroscopy investigation of Ta/CoFeB/TaOx heterostructures. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 272, 115367.	1.7	5
375	Dzyaloshinskii-Moriya interaction and magnetic anisotropy in Pt/Co/Au trilayers modified by Ga ⁺ ion irradiation. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 537, 168160.	1.0	3
376	Primitive exchange coupling in CoPt/MnN layered structures: Exchange coupling established during deposition. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 538, 168331.	1.0	1
377	Effect of surface morphology on magnetization dynamics of cobalt ultrathin films: An in-situ investigation. <i>Applied Surface Science Advances</i> , 2021, 6, 100124.	2.9	9
378	Dynamic configurational anisotropy in Ni ₈₀ Fe ₂₀ antidot lattice with complex geometry. <i>Journal of Alloys and Compounds</i> , 2021, 884, 161105.	2.8	1

#	ARTICLE	IF	CITATIONS
379	Modeling huge photoinduced spin polarons in intrinsic magnetic semiconductors. Physical Review B, 2021, 103, .	1.1	5
380	Conventional applications of skyrmions. , 2021, , 367-391.		0
381	Substrate induced electronic phase transitions of Cr ₃ based van der Waals heterostructures. Scientific Reports, 2021, 11, 198.	1.6	5
382	Tunable magneto-optical effect, anomalous Hall effect, and anomalous Nernst effect in the two-dimensional room-temperature ferromagnet Cr_3Te . Physical Review B, 2021, 103, .	1.1	22
383	Investigation of the correlation between perpendicular magnetic anisotropy, spin mixing conductance and interfacial Dzyaloshinskii-Moriya interaction in CoFeB-based systems. Journal Physics D: Applied Physics, 2020, 53, 505003.	1.3	9
384	Spin dynamics at interfaces on femtosecond timescales. Journal of Physics Condensed Matter, 2021, 33, 013001.	0.7	11
385	Spin Hall angle fluctuations in a device with disorder. Physical Review B, 2020, 102, .	1.1	6
386	Stacking-Dependent Spin Interactions in Pd/Fe Bilayers on Re(0001). Physical Review Letters, 2020, 125, 227205.	2.9	9
387	Room-temperature observation and current control of skyrmions in Pt/Co/Os/Pt thin films. Physical Review Materials, 2018, 2, .	0.9	43
388	Perpendicular magnetic anisotropy via strain engineered oxygen vacancy ordering in epitaxial $\text{Co}_2\text{V}_2\text{O}_7$. Physical Review Letters, 2020, 125, 037201.	0.9	28
389	Influence of chemical composition and crystallographic orientation on the interfacial magnetism in $\text{Co}_2\text{V}_2\text{O}_7/\text{Pt}$ bilayers. Physical Review Letters, 2020, 125, 037201.	0.9	7
390	Stabilization and self-passivation of symmetrical grain boundaries by mirror symmetry breaking. Physical Review Materials, 2019, 3, .	0.9	7
391	Pushing the detection of cation nonstoichiometry to the limit. Physical Review Materials, 2019, 3, .	0.9	13
392	Itinerancy-dependent noncollinear spin textures in SrFeO_{3-x} , and CaFeO_{3-x} . Physical Review Materials, 2019, 3, .	0.9	19
393	Thermal nucleation and high-resolution imaging of submicrometer magnetic bubbles in thin thulium iron garnet films with perpendicular anisotropy. Physical Review Materials, 2020, 4, .	0.9	19
394	Orbital-adapted electronic structure and anisotropic transport in SrTiO_3 heterostructure. Physical Review Materials, 2020, 4, .	0.9	
395	Large interfacial spin-orbit torques in layered antiferromagnetic insulator NiO /ferromagnet bilayers. Physical Review Materials, 2020, 4, .	0.9	11
396	Giant anisotropic magnetoresistance in oxygen-vacancy ordered epitaxial $\text{La}_{0.5}\text{FeO}_3$ films. Physical Review Materials, 2020, 4, .	0.9	21

#	ARTICLE	IF	CITATIONS
397	Hydrogen tunes magnetic anisotropy by affecting local hybridization at the interface of a ferromagnet with nonmagnetic metals. Physical Review Materials, 2020, 4, .	0.9	15
398	Tailoring magnetism in self-intercalated CrTe interface phenomena in ferromagnet/	0.9	5
399	Interface phenomena in ferromagnet/ TaOx -based systems: Damping, perpendicular magnetic anisotropy, and Dzyaloshinskii-Moriya interaction. Physical Review Materials, 2020, 4, .	0.9	5
400	Theory of current-induced angular momentum transfer dynamics in spin-orbit coupled systems. Physical Review Research, 2020, 2, .	1.3	65
401	Interfacial-hybridization-modified Ir ferromagnetism and electronic structure in LaMnO_3 superlattices. Physical Review Research, 2020, 2, .	1.3	11
402	Giant Magnetic Field Induced Effects in the Second-Harmonic Generation in a Planar Anisotropic Ta/Co/Pt Structure. JETP Letters, 2020, 111, 333-337.	0.4	5
403	Dielectric magnonics: from gigahertz to terahertz. Physics-Uspexhi, 2020, 63, 945-974.	0.8	40
404	Mechanism of magnetic radial vortex under effect of interfacial Dzyaloshinskii-Moriya interaction. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 228502.	0.2	3
405	Air-Stable and Layer-Dependent Ferromagnetism in Atomically Thin van der Waals CrPS_4 . ACS Nano, 2021, 15, 16904-16912.	7.3	34
406	Applications of nanomagnets as dynamical systems: II. Nanotechnology, 2022, 33, 082002.	1.3	8
407	Theory of spin-charge-coupled transport in proximitized graphene: an $\text{SO}(5)$ algebraic approach. JPhys Materials, 2021, 4, 045006.	1.8	4
408	Dzyaloshinskii-Moriya interaction probed by magnetization reversal in bilayer Pt/Co/Ir/Co/Pt synthetic ferrimagnets. Physical Review B, 2021, 104, .	1.1	2
409	Integrating spin-based technologies with atomically controlled van der Waals interfaces. Materials Today, 2021, 51, 350-364.	8.3	8
410	Interface Magnetization Phenomena in Epitaxial Thin $\text{Fe}_3\text{O}_4/\text{CoFe}_2\text{O}_4$ Bilayers. Journal of Physical Chemistry C, 2021, 125, 23327-23337.	1.5	1
411	Magnetotransport and Spin Effects. Nanoscience and Technology, 2017, , 151-199.	1.5	0
412	Magnetoelastic phenomena and mechanisms of magnetic skyrmion crystal. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 136201.	0.2	0
413	Dzyaloshinsky-Moriya interaction in $-(\text{Zn}, \text{Cr})\text{S}(111)$ surface: First principle calculations. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 137101.	0.2	6
414	Research progress on topological properties and micro-magnetic simulation study in dynamics of magnetic skyrmions. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 137506.	0.2	0

#	ARTICLE	IF	CITATIONS
415	Coherent control of femtosecond spin current and terahertz wave generation in ferromagnetic heterostructures. , 2018, , .		0
416	Correlating magnetic structure and magnetotransport in semimetal thin films of $\text{Eu}_{1-x}\text{Mn}_x$. Physical Review Materials, 2020, 4, .	0.9	1
417	Tuning magnetic anisotropy by interfacial engineering in $\text{SrFeO}_{2.5}/\text{La}_{2/3}\text{Ba}_{1/3}\text{MnO}_3/\text{SrFeO}_{2.5}$ trilayers. Journal Physics D: Applied Physics, 2020, 53, 445001.	1.3	1
418	First-principles calculations of steady-state voltage-controlled magnetism: Application to x-ray absorption spectroscopy experiments. Physical Review Research, 2020, 2, .	1.3	1
419	Resonant precession of magnetization and precession-induced DC voltages in FeGaB thin films. Journal Physics D: Applied Physics, 2022, 55, 075303.	1.3	10
420	Enhancement of Current-Induced Out-of-Plane Spin Polarization by Heavy-Metal-Impurity Doping in Fe Thin Films. Physical Review Applied, 2021, 16, .	1.5	2
421	Investigation of Shear-Driven and Pressure-Driven Liquid Crystal Flow at Microscale: A Quantitative Approach for the Flow Measurement. Micromachines, 2021, 12, 28.	1.4	1
422	Effect of the interplay between layering sequence permutations and thickness on the magnetic features of Fe/Ni/Gd hetero-films. Physical Chemistry Chemical Physics, 2020, 22, 12082-12091.	1.3	2
423	Magnetic Surfaces, Thin Films and Nanostructures. Springer Handbooks, 2020, , 625-698.	0.3	3
425	Topological Magnets: Functions Based on Berry Phase and Multipoles. Annual Review of Condensed Matter Physics, 2022, 13, 119-142.	5.2	31
426	Coherent-incoherent crossover of the intrinsic spin Hall effect in Pd. Physical Review B, 2021, 104, .	1.1	4
427	Spin-Charge Conversion in $\text{Fe}/\text{Au}/\text{Sb}_2/\text{Te}_3$ Heterostructures as Probed By Spin Pumping Ferromagnetic Resonance. Advanced Materials Interfaces, 2021, 8, 2101244.	1.9	11
428	Influence of variation of tungsten layer thickness on interfacial Dzyaloshinskii-Moriya interaction in W/CoFeB/SiO ₂ heterostructures. Bulletin of Materials Science, 2021, 44, 1.	0.8	0
429	Optical Studies of Magnetically Ordered Metallic Thin Films. , 2021, , 1-71.		1
430	Effect of buffer termination on intermixing and conductivity in LaTiO ₃ /SrTiO ₃ heterostructures integrated on Si(100). Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 013206.	0.9	1
431	Magnetoconductance under Bias Voltage in $\text{Fe}/\text{MgO}/\text{Fe}$ Heterostructures. Physical Review Applied, 2021, 15, 044002.	1.5	2
432	Interface-Enhanced Ferromagnetism with Long-Distance Effect in van der Waals Semiconductor. Advanced Functional Materials, 2022, 32, 2108953.	7.8	13
433	Spin interactions and topological magnonics in chromium trihalide CrClBr. Physical Review B, 2021, 104, .	1.1	1

#	ARTICLE	IF	CITATIONS
434	Generation and manipulation of current-induced spin-orbit torques. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2021, 97, 499-519.	1.6	6
435	Recent Developments in van der Waals Antiferromagnetic 2D Materials: Synthesis, Characterization, and Device Implementation. ACS Nano, 2021, 15, 17175-17213.	7.3	57
436	Epitaxial growth of bilayer Bi(110) on two-dimensional ferromagnetic Fe ₃ GeTe ₂ . Journal of Physics Condensed Matter, 2022, 34, 074003.	0.7	5
437	Alloy Engineering of 2D Van der Waals Chromium Mixed Trihalides as Ferromagnetic Semiconductors. Physica Status Solidi (B): Basic Research, 2022, 259, .	0.7	1
438	Magneto-optics and Laser-Induced Dynamics of Metallic Thin Films. , 2021, , 477-547.		0
439	Unveiling the Emergent Traits of Chiral Spin Textures in Magnetic Multilayers. Advanced Science, 2022, 9, e2103978.	5.6	10
440	Magnetization Dynamics. , 2021, , 1333-1365.		1
442	An overview of SrRuO ₃ -based heterostructures for spintronic and topological phenomena. Journal Physics D: Applied Physics, 2022, 55, 233001.	1.3	15
443	Extraction of the chemical contribution to the interfacial magnetic anisotropy in $\text{Ni}/\text{Mn}/\text{MgO}$ multilayers. Physical Review B, 2022, 105, .		
444	Coexistence of soft and hard magnetic phases in single layer amorphous Tb-Co thin films. Journal of Applied Physics, 2022, 131, .	1.1	4
445	State-resolved ultrafast charge and spin dynamics in [Co/Pd] multilayers. Applied Physics Letters, 2022, 120, .	1.5	8
446	Spin-Orbit Torque Switching in an All-Van der Waals Heterostructure. Advanced Materials, 2022, 34, e2101730.	11.1	68
447	Room-Temperature Ferromagnetism at an Oxide-Nitride Interface. Physical Review Letters, 2022, 128, 017202.	2.9	11
448	Controlling the Metamagnetic Phase Transition in FeRh/MnRh Superlattices and Thin-Film Fe _{50-x} Mn _x Rh ₅₀ Alloys. ACS Applied Materials & Interfaces, 2022, 14, 3568-3579.	4.0	0
449	Slater-Pauling behavior of interfacial magnetic properties of Mn/MgO transition metal alloy/Pt structures. Physical Review B, 2022, 105, .		
450	Generation and manipulation of skyrmions and other topological spin structures with rare metals. Rare Metals, 2022, 41, 2200-2216.	3.6	24
451	Emergence of exchange bias and giant coercive field enhancement by internal magnetic frustration in La _{0.67} Sr _{0.33} MnO ₃ thin films. Journal of Magnetism and Magnetic Materials, 2022, 550, 169077.	1.0	3
452	Non-uniform magnetization profile in ferromagnetic heterostructures leading to topological Hall effect like signatures. Journal of Magnetism and Magnetic Materials, 2022, 549, 168981.	1.0	0

#	ARTICLE	IF	CITATIONS
453	Magnetization Excitation in FeMn Antiferromagnetic Film by Injection of Spins With Current in Thin-Film THz Emitters Structures. IEEE Transactions on Magnetics, 2022, 58, 1-10.	1.2	0
454	Ultrafast Spin-Charge Conversion at SnBi ₂ Te ₄ /Co Topological Insulator Interfaces Probed by Terahertz Emission Spectroscopy. Advanced Optical Materials, 2022, 10, .	3.6	13
455	Magnetic Properties of Ultrathin As-deposited and Annealed Ta/CoFeB/TaO _x Heterostructures. IOP Conference Series: Materials Science and Engineering, 2022, 1219, 012007.	0.3	0
456	Recent Progress of Atomic Layer Technology in Spintronics: Mechanism, Materials and Prospects. Nanomaterials, 2022, 12, 661.	1.9	10
457	Ultrafast Light-Induced Ferromagnetic State in Transition Metal Dichalcogenides Monolayers. Journal of Physical Chemistry Letters, 2022, 13, 2765-2771.	2.1	9
458	Magnetization and antiferromagnetic coupling of the interface between a 20Ånm $Y_{12}O_5$ film and Gd_3Pt	0.9	5
459	Spatial coexistence of multiple modes in a nanogap spin Hall nano-oscillator with extended Pt/Ni/Fe trilayers. Physical Review B, 2022, 105, .	1.1	5
460	Interface-driven spin pumping and inverse Rashba-Edelstein effect in FeGaB/Ag/BiSb multilayers. AIP Advances, 2022, 12, 035028.	0.6	4
461	Exchange Bias in Molecule/Fe ₃ GeTe ₂ van der Waals Heterostructures via Spinterface Effects. Advanced Materials, 2022, 34, e2200474.	11.1	17
462	Voltage-Controlled Switching of Magnetic Anisotropy in Ambipolar Mn_2CoAl/Pd_2 Bilayers. Physical Review Applied, 2022, 17, .	1.5	2
463	A Van der Waals Interface Hosting Two Groups of Magnetic Skyrmions. Advanced Materials, 2022, 34, e2110583.	11.1	37
464	Progress toward picosecond on-chip magnetic memory. Applied Physics Letters, 2022, 120, .	1.5	8
465	Atomically sharp domain walls in an antiferromagnet. Science Advances, 2022, 8, eabn3535.	4.7	12
466	Antiferromagnets for spintronics. Journal of Magnetism and Magnetic Materials, 2022, 553, 169216.	1.0	7
467	Standing wave hard X-ray photoemission study of the structure of the interfaces in Ta/Co ₂ FeAl/MgO multilayer. Applied Surface Science, 2022, 590, 153063.	3.1	3
468	The role of epitaxial strain on the electronic and magnetic structure of La _{0.7} Sr _{0.3} MnO ₃ /LaCoO ₃ bilayers. AIP Advances, 2021, 11, 125115.	0.6	0
469	Light and microwave driven spin pumping across FeGaBi/BiSb interface. Physical Review Materials, 2021, 5, .	0.9	11
470	Tailoring interfacial effect in multilayers with Dzyaloshinskii-Moriya interaction by helium ion irradiation. Scientific Reports, 2021, 11, 23626.	1.6	11

#	ARTICLE	IF	CITATIONS
471	Opportunities in topological insulator devices. Nature Reviews Physics, 2022, 4, 184-193.	11.9	41
472	2D MgCu Intermetallic Compounds with Nontrivial Band Topology and Dirac Nodal Lines. Advanced Electronic Materials, 2022, 8, 2100927.	2.6	1
473	CrI ₃ monolayer: magnetic and electronic behaviors under biaxial strain and external electric field—a first principle study. European Physical Journal B, 2022, 95, .	0.6	8
474	Substrate orientation dependent characteristics of half-metallic and metallic superlattices [La _{0.7} Sr _{0.3} MnO ₃ /LaNiO ₃] ₁₀ . Journal of Applied Physics, 2022, 131, 125305.	1.1	2
475	Tunable Spin Hall Magnetoresistance in All-Antiferromagnetic Heterostructures. Chinese Physics Letters, 2022, 39, 047502.	1.3	3
476	Multi-Meron Interactions and Statistics in Two-Dimensional Materials. Journal of Physics Condensed Matter, 2022, , .	0.7	0
477	Quantifying the Dzyaloshinskii-Moriya Interaction Induced by the Bulk Magnetic Asymmetry. Physical Review Letters, 2022, 128, 167202.	2.9	25
478	Topologically Nontrivial Spin Textures in Thin Magnetic Films. Physics of Metals and Metallography, 2022, 123, 238-260.	0.3	9
479	Lithium-ion Battery Technology for Voltage Control of Perpendicular Magnetization. Advanced Functional Materials, 2022, 32, .	7.8	11
480	Ferromagnetic resonance modulation in d -wave superconductor/ferromagnetic insulator bilayer systems. Physical Review B, 2022, 105, .	1.1	10
481	Effect of interlayer Dzyaloshinskii-Moriya interaction on spin structure in synthetic antiferromagnetic multilayers. Physical Review B, 2022, 105, .	1.1	9
482	Room-temperature ferromagnetism in two-dimensional transition metal chalcogenides: Strategies and origin. Journal of Alloys and Compounds, 2022, 913, 165289.	2.8	7
483	Emergent Multifunctional Magnetic Proximity in van der Waals Layered Heterostructures. Advanced Science, 2022, 9, .	5.6	17
484	Finite-Size Effect in Phonon-Induced Elliott-Yafet Spin Relaxation in Al. Physical Review Letters, 2022, 128, .	2.9	6
485	Tunable fluorescence and magnetic properties of ceria-organic core-shell hollow structures. Applied Surface Science, 2022, 597, 153685.	3.1	1
486	Structural and magnetic properties of Pt/Co/Mn-based multilayers. Physical Review Materials, 2022, 6, .	0.9	1
487	All-Optical Detection of Spin Pumping and Giant Interfacial Spin Transparency in Co ₂ Fe _{0.4} Mn _{0.6} /Si/Pt Heterostructure. Advanced Quantum Technologies, 2022, 5, .	1.8	4
488	Robust interface-induced unusual anomalous Hall effect in Mn ₃ Sn/Pt bilayers. Rare Metals, 2022, 41, 3012-3018.	3.6	1

#	ARTICLE	IF	CITATIONS
489	Exfoliation of 2D van der Waals crystals in ultrahigh vacuum for interface engineering. Science Bulletin, 2022, 67, 1345-1351.	4.3	5
490	Symmetry Properties of Minimizers of a Perturbed Dirichlet Energy with a Boundary Penalization. SIAM Journal on Mathematical Analysis, 2022, 54, 3636-3653.	0.9	3
491	Interfacial Exchange Phenomena Driven by Ferromagnetic Domains. Advanced Materials Interfaces, 2022, 9, .	1.9	2
493	Highly-tunable ferromagnetism in Cr-doped layered van der Waals NiTe ₂ crystals with high air stability. CrystEngComm, 2022, 24, 5724-5732.	1.3	4
494	Investigation of magnetic properties of Pt/CoFeB/MgO layers using angle-resolved spin-torque ferromagnetic resonance spectroscopy. Journal of Applied Physics, 2022, 131, .	1.1	2
495	Elementary excitations at anomalous interfaces: Dispersion relations from thermodynamics constraints. Physica B: Condensed Matter, 2022, , 414188.	1.3	1
496	Synthesis conditions, crystal structure and magnetic properties of Mn ²⁺ Se selenides. Proceedings of the National Academy of Sciences of Belarus Physical-Technical Series, 2022, 67, 135-143.	0.1	0
497	Bloch point dynamics in exchange-spring heterostructures. APL Materials, 2022, 10, 071103.	2.2	1
498	Spin canting of Ni/CoO/Fe films grown on curved MgO(0 0 1) substrate. Journal of Magnetism and Magnetic Materials, 2022, 561, 169668.	1.0	0
499	Quantum materials for energy-efficient neuromorphic computing: Opportunities and challenges. APL Materials, 2022, 10, .	2.2	19
500	Relationship between Thermal and Dynamic Radiation in a Spin-Injection THz Emitter. Bulletin of the Russian Academy of Sciences: Physics, 2022, 86, 841-845.	0.1	2
501	Angle range of vanished coercivity controlled by cooling field and interfacial coupling in exchange-biased systems. European Physical Journal Plus, 2022, 137, .	1.2	0
502	High-sensitivity characterization of ultra-thin atomic layers using spin-Hall effect of light. Journal of Applied Physics, 2022, 132, 075302.	1.1	3
503	Switching the sign of magnetic anisotropy field in YBCO/NiFe/IrMn heterostructure induced by superconducting transition. Journal of Applied Physics, 2022, 132, 083901.	1.1	0
504	Robust spin injection via thermal magnon pumping in antiferromagnet/ferromagnet hybrid systems. Physical Review Research, 2022, 4, .	1.3	5
505	Comparison of the Microstructure and Magnetic Properties of Films and Composite Powders Based on 3-D Metal. Journal of Superconductivity and Novel Magnetism, 0, , .	0.8	0
506	Gyroscopic tensor of a magnetic soliton. Journal of Magnetism and Magnetic Materials, 2022, 562, 169749.	1.0	2
507	Spin transport modified by magnetic order. Journal of Magnetism and Magnetic Materials, 2022, 563, 169896.	1.0	1

#	ARTICLE	IF	CITATIONS
508	Absence of spin-mixed states in ferrimagnet Yttrium iron garnet. Journal of Applied Physics, 2022, 132, .	1.1	3
509	Ultrafast transport and energy relaxation of hot electrons in Au/Fe/MgO(001) heterostructures analyzed by linear time-resolved photoelectron spectroscopy. Physical Review Research, 2022, 4, .	1.3	8
510	High-Power-Density Energy-Harvesting Devices Based on the Anomalous Nernst Effect of Co/Pt Magnetic Multilayers. ACS Applied Energy Materials, 2022, 5, 11835-11843.	2.5	6
511	High-resolution real-space evaluation of the self-energy operator of disordered lattices: Gade singularity, spin-orbit effects and p-wave superconductivity. JPhys Materials, 2022, 5, 045002.	1.8	4
512	Tuning the interfacial Dzyaloshinskii-Moriya interaction in perpendicularly magnetized CoFeB system. Journal Physics D: Applied Physics, 2022, 55, 445004.	1.3	1
513	Charge Transfer Control of Emergent Magnetism at SrMnO ₃ /LaMnO ₃ Interfaces. Advanced Materials Interfaces, 0, , 2201282.	1.9	0
514	Compositional gradient induced enhancement of Dzyaloshinskii-Moriya interaction in Pt/Co/Ta heterostructures modulated by Pt-Co alloy intralayers. Acta Materialia, 2022, 241, 118383.	3.8	8
515	Spin dynamics in patterned magnetic multilayers with perpendicular magnetic anisotropy. Solid State Physics, 2022, , 1-51.	1.3	0
516	Reversible exchange bias in epitaxial V ₂ O ₃ /Ni hybrid magnetic heterostructures. Journal of Physics Condensed Matter, 2022, 34, 495001.	0.7	0
517	Spin pumping into anisotropic Dirac electrons. Physical Review B, 2022, 106, .	1.1	3
518	Spontaneous Asymmetry of Chiral Magnetic Domains Within a Magnetic Field. Advanced Functional Materials, 2022, 32, .	7.8	3
519	Size-dependent mobility of skyrmions beyond pinning in ferrimagnetic GdCo thin films. Physical Review B, 2022, 106, .	1.1	3
520	Timescales and contribution of heating and helicity effect in helicity-dependent all-optical switching. Rare Metals, 0, , .	3.6	0
521	Parametric resonance of spin waves in ferromagnetic nanowires tuned by spin Hall torque. Physical Review B, 2022, 106, .	1.1	2
522	Anisotropic magnetoresistance in Mn ⁴⁺ Ni _x N and the change in the crystalline field. Journal of Applied Physics, 2022, 132, .	1.1	1
523	Strong uniaxial magnetic anisotropy in Fe ₃ Si thin films. Journal of Magnetism and Magnetic Materials, 2022, 563, 170047.	1.0	1
524	Interfacial antiferromagnetic phase induced two-step magnetization reversal in PbZr _{0.52} Ti _{0.48} O ₃ /La _{0.67} Sr _{0.33} MnO ₃ superlattices. Journal of Alloys and Compounds, 2023, 932, 167582.	2.8	0
525	A continuous model of magnetic moment distribution in a system with bilinear and biquadratic coupling. Journal of Applied Physics, 2022, 132, .	1.1	1

#	ARTICLE	IF	CITATIONS
526	Giant effective electron-magnon coupling in a nonmagnetic metal-ferromagnetic insulator heterostructure. <i>Physical Review B</i> , 2022, 106, .	1.1	2
527	Micromagnetic study of the effect of Dzyaloshinskii-Moriya interaction on magnetization reversal in magnetic nanodots of different shape. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 564, 170195.	1.0	1
528	Element-specific first order reversal curves measured by magnetic transmission x-ray microscopy. <i>APL Materials</i> , 2022, 10, 111105.	2.2	0
529	Review on Developments and Progress in Nickelate-Based Heterostructure Composites and Superconducting Thin Films. <i>Advanced Quantum Technologies</i> , 2023, 6, .	1.8	3
530	Gauge theory applied to magnetic lattices. <i>Europhysics Letters</i> , 2022, 140, 46003.	0.7	3
531	Exchange bias and interface-related effects in two-dimensional van der Waals magnetic heterostructures: Open questions and perspectives. <i>Journal of Alloys and Compounds</i> , 2023, 937, 168375.	2.8	14
532	Quantum magnetic phenomena in engineered heterointerface of low-dimensional van der Waals and non-van der Waals materials. <i>Physical Chemistry Chemical Physics</i> , 2023, 25, 1430-1456.	1.3	2
533	Two-dimensional ferromagnetic materials: From materials to devices. <i>Applied Physics Letters</i> , 2022, 121, .	1.5	8
534	Spin-orbit proximity effect in Bi/Co multilayer: The role of interface scattering. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, , 170312.	1.0	0
535	Cascadable in-memory computing based on symmetric writing and readout. <i>Science Advances</i> , 2022, 8, .	4.7	11
536	Role of interfacial nickel silicides in shaping magnetic anisotropy in nickel films grown on Silicon substrates. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, , 170256.	1.0	0
537	Efficient Spin-Charge Interconversion in Weyl Semimetal TaP at Room Temperature. <i>Advanced Materials Interfaces</i> , 2022, 9, 2201716.	1.9	1
538	Evolution of the Fe-Co magnetism and magnetic proximity effects in alternate Fe/Co monolayers on nonmagnetic Cu_3MnSb . <i>Physical Review B</i> , 2022, 106, .	1.1	0
539	Magnetic Domain Structure of $\text{Lu}_2.1\text{Bi}_0.9\text{Fe}_5\text{O}_{12}$ Epitaxial Films Studied by Magnetic Force Microscopy and Optical Second Harmonic Generation. <i>Magnetochemistry</i> , 2022, 8, 180.	1.0	2
540	Bias field orientation driven reconfigurable magnonics and magnon-magnon coupling in triangular shaped $\text{Ni}_{80}\text{Fe}_{20}$ nanodot arrays. <i>Nanotechnology</i> , 2023, 34, 135701.	1.3	5
541	Space-Charge Control of Magnetism in Ferromagnetic Metals: Coupling Giant Magnitude and Robust Endurance. <i>Advanced Materials</i> , 2023, 35, .	11.1	4
542	Structure and Magnetism of Gd/MgO/Fe Superlattice-Based Nanosystems. <i>Journal of Surface Investigation</i> , 2022, 16, 1106-1110.	0.1	0
543	Hybrid magnetization dynamics in $\text{Cu}_2\text{OSeO}_3/\text{NiFe}$ heterostructures. <i>Applied Physics Letters</i> , 2023, 122, 012401.	1.5	1

#	ARTICLE	IF	CITATIONS
544	Research progress of two-dimensional magnetic materials. <i>Science China Materials</i> , 2023, 66, 859-876.	3.5	10
545	Chaotic precession of antiferromagnetic domain walls. <i>Physical Review B</i> , 2023, 107, .	1.1	2
546	Spin Hall magnetoresistance in antiferromagnetic $\text{Fe}_2\text{O}_3/\text{Pt}$ bilayers: Modulation from interface magnetic state. <i>Applied Physics Letters</i> , 2022, 121, 262404.	1.5	1
547	Extended Oxygen Octahedral Tilt Proximity near Oxide Heterostructures. <i>Nano Letters</i> , 2023, 23, 1036-1043.	4.5	6
548	Revealing the Origin of Time-Reversal Symmetry Breaking in Fe-Chalcogenide Superconductor $\text{FeTe}_{1-x}\text{S}_x$. <i>Physical Review Letters</i> , 2023, 130, .	2.9	5
549	Controlling Exchange Interactions and Emergent Magnetic Phenomena in Layered $\text{3d}^n\text{Orbital}$ Ferromagnets. , 2023, 2, .		1
550	Triple-meron crystal in high-spin Kitaev magnets. <i>New Journal of Physics</i> , 2023, 25, 023006.	1.2	3
551	The importance of the interface for picosecond spin pumping in antiferromagnet-heavy metal heterostructures. <i>Nature Communications</i> , 2023, 14, .	5.8	3
552	Thermal and Dynamic Radiation in the THz Range Under Spin Current Injection in Magnetic Junctions. <i>Spin</i> , 2023, 13, .	0.6	0
553	Extreme Enhanced Curie Temperature and Perpendicular Exchange Bias in Freestanding Ferromagnetic Superlattices. <i>ACS Applied Materials & Interfaces</i> , 2023, 15, 17309-17316.	4.0	1
554	One analytical approach of Rashba-Edelstein magnetoresistance in 2D materials. <i>European Physical Journal B</i> , 2023, 96, .	0.6	0
555	Operando benchtop NMR reveals reaction intermediates and crossover in redox flow batteries. <i>Journal of Magnetic Resonance</i> , 2023, 351, 107448.	1.2	7
556	Prediction-accuracy improvement of neural network to ferromagnetic multilayers by Gaussian data augmentation and ensemble learning. <i>Computational Materials Science</i> , 2023, 219, 112032.	1.4	1
557	The investigation of linear relationship between domain wall creep parameters in Co/Pt multilayers. <i>Physica Scripta</i> , 2023, 98, 035803.	1.2	0
558	Interfacial Engineering Strategies for Efficient Spin-Orbit Torque Devices with Pt Alloys. <i>ACS Applied Electronic Materials</i> , 2023, 5, 968-976.	2.0	1
559	Chirality as generalized spin-orbit interaction in spintronics. <i>Physics Reports</i> , 2023, 1009, 1-115.	10.3	30
560	Ferrimagnetic-ferromagnetic phase transition in Au-doped Mn ₄ N epitaxial films confirmed by x-ray magnetic circular dichroism. <i>AIP Advances</i> , 2023, 13, .	0.6	2
561	Voltage-Controlled Dzyaloshinskii-Moriya Interaction Torque Switching of Perpendicular Magnetization. <i>Physical Review Letters</i> , 2023, 130, .	2.9	9

#	ARTICLE	IF	CITATIONS
562	Oscillatory exchange bias controlled by RKKY in magnetic multilayers. Applied Physics Letters, 2023, 122, 062405.	1.5	1
563	Ultrafast electron dynamics in Au/Fe/MgO(001) analyzed by Au- and Fe-selective pumping in time-resolved two-photon photoemission spectroscopy: Separation of excitations in adjacent metallic layers. Physical Review B, 2023, 107, .	1.1	2
564	Heteroepitaxy of 2D CuCr ₂ Te ₄ with Robust Room-temperature Ferromagnetism. Advanced Materials, 2023, 35, .	11.1	12
565	Enhanced Magnetism and Anomalous Hall Transport through Two-Dimensional Tungsten Disulfide Interfaces. Nanomaterials, 2023, 13, 771.	1.9	3
566	Ultrafast behavior of induced and intrinsic magnetic moments in CoFeB/Pt bilayers probed by element-specific measurements in the extreme ultraviolet spectral range. Physical Review Research, 2023, 5, .	1.3	2
567	Large Negative Magnetoresistance in All-2D-Materials-Based Spin Valves. Physica Status Solidi - Rapid Research Letters, 2023, 17, .	1.2	2
568	Giant and Nonvolatile Control of Exchange Bias in Fe ₃ GeTe ₂ /Irradiated Fe ₃ GeTe ₂ /MgO Heterostructure Through Ultralow Voltage. Advanced Functional Materials, 2023, 33, .	7.8	3
569	Quantifying symmetric exchange in ultrathin ferromagnetic films with chirality. Physical Review B, 2023, 107, .	1.1	1
570	Magnetic Damping Properties of Single-Crystalline Co ₅₅ Mn ₁₈ Ga ₂₇ and Co ₅₀ Mn ₁₈ Ga ₃₂ Films. Chinese Physics Letters, 2023, 40, 047501.	1.3	0
571	Unraveling the sign reversal of the anomalous Hall effect in ferromagnet/heavy-metal ultrathin films. Physical Review B, 2023, 107, .	1.1	1
572	Perpendicular effective field induced by spin-orbit torque and magnetization damping in chiral domain walls. Physical Review B, 2023, 107, .	1.1	0
574	Measuring interfacial Dzyaloshinskii-Moriya interaction in ultrathin magnetic films. Reviews of Modern Physics, 2023, 95, .	16.4	31
575	Spin-Phonon Interactions and Anharmonic Lattice Dynamics in Fe ₃ GeTe ₂ . , 0, , 2200089.		0
576	Switching of Perpendicular Magnetization by Spin-Orbit Torque. Advanced Materials, 2023, 35, .	11.1	10
577	N�el Skyrmion Bubbles in La _{0.7} Sr _{0.3} Mn _{1-x} Ru _x O ₃ Multilayers. Nano Letters, 0, , .	4.5	0
578	Magnetism of two-dimensional chromium tellurides. IScience, 2023, 26, 106567.	1.9	1
579	Anisotropic interlayer Dzyaloshinskii-Moriya interactions in synthetic ferromagnetic multilayers. Science Bulletin, 2023, 68, 878-882.	4.3	1
580	Emergent quantum transport due to quenched magnetic impurity scattering by antiferromagnetic proximity in SrCuO ₂ /SrIrO ₃ . Physical Review B, 2023, 107, .		0

#	ARTICLE	IF	CITATIONS
581	Evidence of Strong Dzyaloshinskiiâ€Moriya Interaction at the Cobalt/Hexagonal Boron Nitride Interface. Nano Letters, 2023, 23, 3202-3208.	4.5	3
584	Gate-Tunable Spin Hall Effect in an All-Light-Element Heterostructure: Graphene with Copper Oxide. Nano Letters, 2023, 23, 4406-4414.	4.5	3
604	Gigantic Anisotropy of Self-Induced Spin-Orbit Torque in Weyl Ferromagnet Co₂MnGa. Nano Letters, 0, , .	4.5	2
622	Novel Light-Matter Interactions in 2D Magnets. , 0, , .		0