

Yao Guang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Field-Free Spin-Orbit Torque Switching in Perpendicularly Magnetized Synthetic Antiferromagnets. <i>Advanced Functional Materials</i> , 2022, 32, 2109455.	7.8	21
2	Axially Bound Magnetic Skyrmions: Glueing Topological Strings Across an Interface. <i>Nano Letters</i> , 2022, 22, 3737-3743.	4.5	2
3	Creation of a Chiral Bobber Lattice in Helimagnet-Multilayer Heterostructures. <i>Physical Review Letters</i> , 2021, 126, 017204.	2.9	20
4	Skyrmion-Based Programmable Logic Device with Complete Boolean Logic Functions. <i>Physical Review Applied</i> , 2021, 15, .	1.5	34
5	Enhancement of Spin-Orbit Torque by Strain Engineering in SrRuO ₃ Films. <i>Advanced Functional Materials</i> , 2021, 31, 2100380.	7.8	26
6	Superposition of Emergent Monopole and Antimonopole in CoTb Thin Films. <i>Physical Review Letters</i> , 2021, 127, 217201.	2.9	10
7	Robust Skyrmion Shift Device Through Engineering the Local Exchange-Bias Field. <i>Physical Review Applied</i> , 2020, 14, .	1.5	12
8	Depth-Resolved Magnetization Dynamics Revealed by X-Ray Reflectometry Ferromagnetic Resonance. <i>Physical Review Letters</i> , 2020, 125, 137201.	2.9	14
9	Electron Beam Lithography of Magnetic Skyrmions. <i>Advanced Materials</i> , 2020, 32, e2003003.	11.1	30
10	Characterization of Spin-Orbit Torque Efficiency in Magnetic Heterostructures with Perpendicular Magnetic Anisotropy via Spin-Torque Ferromagnetic Resonance. <i>Physical Review Applied</i> , 2020, 13, .	1.5	22
11	High Spin Hall Conductivity in Large-Area Type-II Dirac Semimetal PtTe ₂ . <i>Advanced Materials</i> , 2020, 32, e2000513.	11.1	117
12	Creating zero-field skyrmions in exchange-biased multilayers through X-ray illumination. <i>Nature Communications</i> , 2020, 11, 949.	5.8	67
13	Spin transmission in IrMn through measurements of spin Hall magnetoresistance and spin-orbit torque. <i>Physical Review B</i> , 2020, 101, .	1.1	11
14	Formation and magnetic-field stability of magnetic dipole skyrmions and bubbles in a ferrimagnet. <i>Applied Physics Letters</i> , 2020, 116, .	1.5	9
15	Current-driven magnetization switching in a van der Waals ferromagnet Fe ₃ GeTe ₂ . <i>Science Advances</i> , 2019, 5, eaaw8904.	4.7	239
16	Spin-orbit torque switching in a T-type magnetic configuration with current orthogonal to easy axes. <i>Nature Communications</i> , 2019, 10, 233.	5.8	91
17	Anatomy of Skyrmionic Textures in Magnetic Multilayers. <i>Advanced Materials</i> , 2019, 31, e1807683.	11.1	75
18	Skyrmions in magnetic thin film heterostructures. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2018, 67, 131204.	0.2	2