Huajun Qin

List of Publications by Year
in descending order

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Version: 2024-02-01

11 papers	645 citations	1307594 7 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	701 citing authors

#	Article	IF	Citations
1	Zero-field routing of spin waves in a multiferroic heterostructure. Applied Physics Letters, 2022, 120, .	3.3	3
2	Tuning of Magnetic Damping in Y3Fe5O12/Metal Bilayers for Spin-Wave Conduit Termination. Materials, 2022, 15, 2814.	2.9	6
3	Low-Loss Nanoscopic Spin-Wave Guiding in Continuous Yttrium Iron Garnet Films. Nano Letters, 2022, 22, 5294-5300.	9.1	8
4	Nanoscale magnonic Fabry-PÃ©rot resonator for low-loss spin-wave manipulation. Nature Communications, 2021, 12, 2293.	12.8	53
5	Electricâ€Field Control of Propagating Spin Waves by Ferroelectric Domainâ€Wall Motion in a Multiferroic Heterostructure. Advanced Materials, 2021, 33, e2100646.	21.0	25
6	The 2021 Magnonics Roadmap. Journal of Physics Condensed Matter, 2021, 33, 413001.	1.8	287
7	Nanometer-thick YIG-based magnonic crystals: Bandgap dependence on groove depth, lattice constant, and film thickness. Applied Physics Letters, 2020, 116, 202403.	3.3	5
8	Exchange-torque-induced excitation of perpendicular standing spin waves in nanometer-thick YIG films. Scientific Reports, 2018, 8, 5755.	3.3	87
9	Control of spin-wave transmission by a programmable domain wall. Nature Communications, 2018, 9, 4853.	12.8	82
10	Propagating spin waves in nanometer-thick yttrium iron garnet films: Dependence on wave vector, magnetic field strength, and angle. Physical Review B, 2018, 98, .	3.2	39
11	Low-loss YIG-based magnonic crystals with large tunable bandgaps. Nature Communications, 2018, 9, 5445.	12.8	50