

Huajun Qin

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

645
citations

1307594

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h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

701
citing authors

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