

Mohammad Haidar

List of Publications by Year in descending order

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15
papers

473
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932766

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16
docs citations

16
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency nonreciprocity of surface spin wave in permalloy thin films. Physical Review B, 2016, 93, .	1.1	89
2	CoFeB-Based Spin Hall Nano-Oscillators. IEEE Magnetics Letters, 2014, 5, 1-4.	0.6	71
3	A single layer spin-orbit torque nano-oscillator. Nature Communications, 2019, 10, 2362.	5.8	66
4	Tunable permalloy-based films for magnonic devices. Physical Review B, 2015, 92, .	1.1	61
5	Thickness- and temperature-dependent magnetodynamic properties of yttrium iron garnet thin films. Journal of Applied Physics, 2015, 117, .	1.1	46
6	Spin transfer torque driven higher-order propagating spin waves in nano-contact magnetic tunnel junctions. Nature Communications, 2018, 9, 4374.	5.8	43
7	Thickness dependence of degree of spin polarization of electrical current in permalloy thin films. Physical Review B, 2013, 88, .	1.1	29
8	Nonreciprocal Oersted field contribution to the current-induced frequency shift of magnetostatic surface waves. Physical Review B, 2014, 89, .	1.1	17
9	Controlling Gilbert damping in a YIG film using nonlocal spin currents. Physical Review B, 2016, 94, .	1.1	13
10	Homodyne-detected ferromagnetic resonance of in-plane magnetized nanocontacts: Composite spin-wave resonances and their excitation mechanism. Physical Review B, 2016, 93, .	1.1	10
11	Compositional effect on auto-oscillation behavior of Ni _{100-x} Fe _x /Pt spin Hall nano-oscillators. Applied Physics Letters, 2021, 118, .	1.5	9
12	Modulation of the Spectral Characteristics of a Nano-Contact Spin-Torque Oscillator via Spin Waves in an Adjacent Yttrium-Iron Garnet Film. IEEE Magnetics Letters, 2016, 7, 1-4.	0.6	7
13	Spin pumping and the inverse spin-hall effect via magnetostatic surface spin-wave modes in Yttrium-Iron garnet/platinum bilayers. IEEE Magnetics Letters, 2015, 6, 1-4.	0.6	6
14	Publisher's Note: Frequency nonreciprocity of surface spin wave in permalloy thin films [Phys. Rev. B, 93, 054430 (2016)]. Physical Review B, 2016, 93, .	1.1	3
15	Measuring spin wave resonance in Ni _{100-x} Fe _x films: compositional and temperature dependence. Journal Physics D: Applied Physics, 2021, 54, 445002.	1.3	3