

Magnonics

Journal Physics D: Applied Physics

43, 264001

DOI: [10.1088/0022-3727/43/26/264001](https://doi.org/10.1088/0022-3727/43/26/264001)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Anisotropic Propagation and Damping of Spin Waves in a Nanopatterned Antidot Lattice. <i>Physical Review Letters</i> , 2010, 105, 067208.	2.9	122
2	Band gaps in the terahertz frequency range in quasiperiodic one-dimensional magnonic crystals. <i>Solid State Communications</i> , 2010, 150, 2325-2328.	0.9	15
3	Electric-field control of spin waves at room temperature in multiferroic BiFeO ₃ . <i>Nature Materials</i> , 2010, 9, 975-979.	13.3	227
4	Anisotropic dynamical coupling for propagating collective modes in a two-dimensional magnonic crystal consisting of interacting squared nanodots. <i>Physical Review B</i> , 2010, 82, .	1.1	75
5	Analysis of collective spin-wave modes at different points within the hysteresis loop of a one-dimensional magnonic crystal comprising alternative-width nanostripes. <i>Physical Review B</i> , 2010, 82, .	1.1	77
6	Negative permeability due to exchange spin-wave resonances in thin magnetic films with surface pinning. <i>Physical Review B</i> , 2010, 82, .	1.1	39
7	Spin excitation frequencies in magnetostatically coupled arrays of vortex state circular Permalloy dots. <i>Applied Physics Letters</i> , 2010, 97, 132501.	1.5	50
8	Effect of Interdot Separation on Collective Magnonic Modes in Chains of Rectangular Dots. <i>IEEE Transactions on Magnetics</i> , 2011, 47, 1563-1566.	1.2	17
9	Fabrication and Static Magnetic Properties of Novel One- and Two-Dimensional Bi-Component Magnonic Crystals. <i>IEEE Transactions on Magnetics</i> , 2011, 47, 1639-1643.	1.2	14
10	Dispersion of collective magnonic modes in stacks of nanoscale magnetic elements. <i>Physical Review B</i> , 2011, 84, .	1.1	23
11	Mode conversion by symmetry breaking of propagating spin waves. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	59
12	Collective magnonic modes of pairs of closely spaced magnetic nano-elements. <i>Journal of Applied Physics</i> , 2011, 109, 07B912.	1.1	37
13	Excitation of propagating spin waves with global uniform microwave fields. <i>Applied Physics Letters</i> , 2011, 98, 122506.	1.5	46
14	Geometry-dependent magnetization reversal mechanism in ordered Py antidot arrays. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 505001.	1.3	52
15	Resonant frequency multiplication in microscopic magnetic dots. <i>Applied Physics Letters</i> , 2011, 99, .	1.5	21
16	Coupled periodic magnetic nanostructures (invited). <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	11
17	Spin-wave damping in ferromagnetic stripes with inhomogeneous magnetization. <i>Physical Review B</i> , 2011, 83, .	1.1	10
18	Control of spin-wave emission from spin-torque nano-oscillators by microwave pumping. <i>Physical Review B</i> , 2011, 83, .	1.1	24

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19	Microscopic dipole–exchange theory for planar nanostriped magnonic crystals. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 315001.	1.3	25
20	The effect of lattice structure on dipole–exchange spin waves in ultrathin ferromagnetic films. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 126004.	0.7	10
21	Micromagnetic study of spin wave propagation in bicomponent magnonic crystal waveguides. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	87
22	Spin-wave band gaps created by rotating square rods in two-dimensional magnonic crystals. <i>Journal Physics D: Applied Physics</i> , 2011, 44, 455001.	1.3	20
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32	Micromagnetic method of s-parameter characterization of magnonic devices. <i>Journal of Applied Physics</i> , 2011, 109, .	1.1	29
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56	Enhanced Transmission through Squeezed Modes in a Self-Cladding Magnonic Waveguide. Physical Review Letters, 2012, 108, 227202.	2.9	33
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58	Interfacial magnetization dynamics of a bi-component magnonic crystal comprising contacting ferromagnetic nanostripes. Journal of Applied Physics, 2012, 111, .	1.1	12
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