

# Robert L Stamps

## List of Publications by Year in descending order

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243  
papers

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docs citations

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times ranked

6357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode attraction in Floquet systems with memory: Application to magnonics. Physical Review B, 2022, 105, .	1.1	2
2	Symmetry Approach to Chiral Optomagnonics in Antiferromagnetic Insulators. Topics in Applied Physics, 2021, , 207-240.	0.4	0
3	Configurable Artificial Spin Ice with Site-Specific Local Magnetic Fields. Physical Review Letters, 2021, 126, 017203.	2.9	8
4	Probing a mesoscopic elephant. Nature Materials, 2021, 20, 127-128.	13.3	0
5	Electromagnetic Approach to Cavity Spintronics. Physical Review Applied, 2021, 15, .	1.5	14
6	Level attraction and exceptional points in a resonant spin-orbit torque system. Physical Review B, 2021, 103, .	1.1	5
7	The 2021 Magnonics Roadmap. Journal of Physics Condensed Matter, 2021, 33, 413001.	0.7	287
8	Collective dynamics of domain walls: An antiferromagnetic spin texture in an optical cavity. Physical Review B, 2021, 104, .	1.1	1
9	Advances in artificial spin ice. Nature Reviews Physics, 2020, 2, 13-28.	11.9	224
10	Tuning magnetic order with geometry: Thermalization and defects in two-dimensional artificial spin ices. Physical Review B, 2020, 101, .	1.1	16
11	Magnetic Normal Modes of Nanopatterned Magnets Investigated by Both Wavevector- and Space-Resolved Brillouin Light Scattering Spectroscopy. , 2020, , 263-283.		0
12	Microscopic origin of level attraction for a coupled magnon-photon system in a microwave cavity. New Journal of Physics, 2019, 21, 095003.	1.2	21
13	Unusual nature of confined modes in a chiral system: Directional transport in standing waves. Physical Review B, 2019, 99, .	1.1	27
14	Heisenberg pseudo-exchange and emergent anisotropies in field-driven pinwheel artificial spin ice. Physical Review B, 2019, 100, .	1.1	11
15	Magnetization dynamics of weakly interacting sub-100nm square artificial spin ices. Scientific Reports, 2019, 9, 19967.	1.6	6
16	Stray-Field Imaging of a Chiral Artificial Spin Ice during Magnetization Reversal. ACS Nano, 2019, 13, 13910-13916.	7.3	12
17	Superferromagnetism and Domain-Wall Topologies in Artificial "Pinwheel" Spin Ice. ACS Nano, 2019, 13, 2213-2222.	7.3	25
18	Cavity optomechanics of topological spin textures in magnetic insulators. Physical Review B, 2018, 98, .	1.1	16

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19	Oriented Asymmetric Wave Propagation and Refraction Bending in Hyperbolic Media. ACS Photonics, 2018, 5, 5086-5094.	3.2	14
20	Level Attraction Due to Dissipative Magnon-Photon Coupling. Physical Review Letters, 2018, 121, 137203.	2.9	214
21	Excitation of magnon spin photocurrents in antiferromagnetic insulators. Physical Review B, 2018, 98, .	1.1	15
22	Thickness dependence of spin wave excitations in an artificial square spin ice-like geometry. Journal of Applied Physics, 2017, 121, .	1.1	19
23	Scaling laws of dipolar magnetic systems at finite temperature. Physical Review B, 2017, 95, .	1.1	1
24	Collective resonant dynamics of the chiral spin soliton lattice in a monoaxial chiral magnetic crystal. Physical Review B, 2017, 95, .	1.1	35
25	Vogel-Fulcher-Tammann freezing of a thermally fluctuating artificial spin ice probed by x-ray photon correlation spectroscopy. Physical Review B, 2017, 95, .	1.1	35
26	Optical conversion of pure spin currents in hybrid molecular devices. Nature Communications, 2017, 8, 926.	5.8	12
27	Emergent dynamic chirality in a thermally driven artificial spin ratchet. Nature Materials, 2017, 16, 1106-1111.	13.3	61
28	Brillouin light scattering study of magnetic-element normal modes in a square artificial spin ice geometry. Journal Physics D: Applied Physics, 2017, 50, 015003.	1.3	25
29	Spin-Wave Chirality and Its Manifestations in Antiferromagnets. Physical Review Letters, 2017, 119, 177202.	2.9	21
30	Magnetic anisotropy and conical phase transition in monoaxial chiral magnets. Physical Review B, 2017, 95, .	1.1	12
31	Proposal of a micromagnetic standard problem for ferromagnetic resonance simulations. Journal of Magnetism and Magnetic Materials, 2017, 421, 428-439.	1.0	48
32	Spin Waves on Spin Structures: Topology, Localization, and Nonreciprocity. , 2017, , 219-260.		2
33	Spin-Wave Eigenmodes of Dzyaloshinskii Domain Walls. Advanced Electronic Materials, 2016, 2, 1500202.	2.6	21
34	Competing anisotropies in exchange-biased nanostructured thin films. Physical Review B, 2016, 94, .	1.1	2
35	Tunable Focusing in Natural Hyperbolic Magnetic Media. ACS Photonics, 2016, 3, 1670-1677.	3.2	22
36	Chiral Surface Twists and Skyrmion Stability in Nanolayers of Cubic Helimagnets. Physical Review Letters, 2016, 117, 087202.	2.9	109

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37	Spin-orbit interaction enhancement in permalloy thin films by Pt doping. <i>Physical Review B</i> , 2016, 93, .	1.1	35
38	Reconfigurable wave band structure of an artificial square ice. <i>Physical Review B</i> , 2016, 93, .	1.1	64
39	Spin Wave Power Flow and Caustics in Ultrathin Ferromagnets with the Dzyaloshinskii-Moriya Interaction. <i>Physical Review Letters</i> , 2016, 117, 197204.	2.9	55
40	Internal structure of hexagonal skyrmion lattices in cubic helimagnets. <i>New Journal of Physics</i> , 2016, 18, 095004.	1.2	82
41	Narrow Magnonic Waveguides Based on Domain Walls. <i>Physical Review Letters</i> , 2015, 114, 247206.	2.9	150
42	Magnetic characteristics of a high-layer-number NiFe/FeMn multilayer. <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	2
43	Ground state search, hysteretic behaviour and reversal mechanism of skyrmionic textures in confined helimagnetic nanostructures. <i>Scientific Reports</i> , 2015, 5, 17137.	1.6	165
44	Anisotropy engineering using exchange bias on antidot templates. <i>AIP Advances</i> , 2015, 5, .	0.6	6
45	Parallel axis theorem for free-space electron wavefunctions. <i>New Journal of Physics</i> , 2015, 17, 093015.	1.2	24
46	Highly asymmetric magnetic domain wall propagation due to coupling to a periodic pinning potential. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 235004.	1.3	4
47	Tunable magneto-optical effects in antiferromagnetic structures. , 2015, , .		0
48	Magnetic soliton confinement and discretization effects arising from macroscopic coherence in a chiral spin soliton lattice. <i>Physical Review B</i> , 2015, 92, .	1.1	102
49	Space and thickness influence on magnetization reversal in periodic cylinder shaped exchange spring. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 386, 146-149.	1.0	6
50	Nanoscale Mapping of the Magnetic Properties of (111)-Oriented $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ . <i>Nano Letters</i> , 2015, 15, 5868-5874.	4.5	16
51	Angle-dependent spin waves in antidot bilayers. <i>Chinese Physics B</i> , 2014, 23, 127501.	0.7	1
52	Focus on artificial frustrated systems. <i>New Journal of Physics</i> , 2014, 16, 075016.	1.2	21
53	Study of photon-magnon coupling in a YIG-film split-ring resonant system. <i>Journal of Applied Physics</i> , 2014, 116, .	1.1	86
54	Spin canting induced nonreciprocal Goos-Hänchen shifts. <i>Optics Express</i> , 2014, 22, 28467.	1.7	32

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55	Standing spin-wave mode structure and linewidth in partially disordered hexagonal arrays of perpendicularly magnetized sub-micron Permalloy discs. Journal of Applied Physics, 2014, 116, 113909.	1.1	3
56	Is the Angular Momentum of an Electron Conserved in a Uniform Magnetic Field?. Physical Review Letters, 2014, 113, 240404.	2.9	44
57	Exchange-dominated eigenmodes in sub-100nm permalloy dots: A micromagnetic study at finite temperature. Journal of Applied Physics, 2014, 115, 17D119.	1.1	9
58	The 2014 Magnetism Roadmap. Journal Physics D: Applied Physics, 2014, 47, 333001.	1.3	329
59	Emergence of skyrmion lattices and bimerons in chiral magnetic thin films with nonmagnetic impurities. Physical Review B, 2014, 89, .	1.1	38
60	Nonreciprocal spin-wave channeling along textures driven by the Dzyaloshinskii-Moriya interaction. Physical Review B, 2014, 89, .	1.1	94
61	The unhappy wanderer. Nature Physics, 2014, 10, 623-624.	6.5	17
62	Artificial ferroic systems: novel functionality from structure, interactions and dynamics. Journal of Physics Condensed Matter, 2013, 25, 363201.	0.7	185
63	Magnetic and FMR Study on CoFe <sub>2</sub> O <sub>4</sub> /ZnFe <sub>2</sub> O <sub>4</sub> Bilayers. IEEE Transactions on Magnetics, 2013, 49, 4200-4203.	1.2	1
64	Probing nanowire edge roughness using an extended magnetic domain wall. Applied Physics Letters, 2013, 102, .	1.5	5
65	Spatially periodic domain wall pinning potentials: Asymmetric pinning and dipolar biasing. Journal of Applied Physics, 2013, 113, .	1.1	12
66	Monte Carlo simulation of the effects of higher-order anisotropy on the spin reorientation transition in the two-dimensional Heisenberg model with long-range interactions. Physical Review B, 2013, 87, .	1.1	10
67	Magnetic stripe domain pinning and reduction of in-plane magnet order due to periodic defects in thin magnetic films. Journal of Magnetism and Magnetic Materials, 2013, 344, 140-147.	1.0	6
68	Melting of hexagonal skyrmion states in chiral magnets. New Journal of Physics, 2013, 15, 053003.	1.2	20
69	Local stabilisation of polar order at charged antiphase boundaries in antiferroelectric (Bi <sub>0.85</sub> Nd <sub>0.15</sub> )(Ti <sub>0.1</sub> Fe <sub>0.9</sub> )O <sub>3</sub> . APL Materials, 2013, 1, .	2.2	44
70	Frequency dependent FMR studies on pulsed laser ablated YIG films deposited on (111) GGG substrate. , 2013, , .		0
71	Vacuum Faraday effect for electrons. New Journal of Physics, 2012, 14, 103040.	1.2	50
72	Specular and off-specular polarized neutron reflectometry of canted magnetic domains in loose spin coupled CuMn/Co multilayers. Physical Review B, 2012, 85, .	1.1	7

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73	Modeling Exchangeâ€™Spring Layered Systems With Perpendicular Anisotropy Using Ferromagnetic Resonance Measurements. IEEE Transactions on Magnetics, 2012, 48, 4081-4084.	1.2	2
74	Disorder regimes and equivalence of disorder types in artificial spin ice. Journal of Applied Physics, 2012, 111, 07E109.	1.1	23
75	Domain dynamics and fluctuations in artificial square ice at finite temperatures. New Journal of Physics, 2012, 14, 035014.	1.2	48
76	A network model for field and quenched disorder effects in artificial spin ice. New Journal of Physics, 2012, 14, 045008.	1.2	15
77	Direct calculation of the attempt frequency of magnetic structures using the finite element method. Journal of Applied Physics, 2012, 111, 093917.	1.1	33
78	Expansion and relaxation of magnetic mirror domains in a Pt/Co/Pt/Co/Pt multilayer with antiferromagnetic interlayer coupling. Journal of Physics Condensed Matter, 2012, 24, 024212.	0.7	9
79	Ferromagnetic resonance shifts from electric fields: Field-enhanced screening charge in ferromagnet/ferroelectric multilayers. Physical Review B, 2012, 85, .	1.1	10
80	Mixed modes of surface polaritons in a PML-type magnetoelectric multiferroic with canted spins. Journal of Physics Condensed Matter, 2012, 24, 406003.	0.7	3
81	Dynamic fluctuations and two-dimensional melting at the spin reorientation transition. Physical Review B, 2012, 86, .	1.1	18
82	Disorder Strength and Field-Driven Ground State Domain Formation in Artificial Spin Ice: Experiment, Simulation, and Theory. Physical Review Letters, 2012, 109, 037203.	2.9	87
83	Characterization of Exchange-Biased CoFe/(Co,Fe)O Thin Films by Magnetometry and Ferromagnetic Resonance Techniques. IEEE Transactions on Magnetics, 2011, 47, 1614-1618.	1.2	7
84	Spatial Fluctuations of Loose Spin Coupling in $\text{CuMnCo}$ Multilayers. Physical Review Letters, 2011, 107, 127201.	2.9	16
85	Surface and bulk polaritons in a PML-type magnetoelectric multiferroic with canted spins: TE and TM polarization. Journal of Physics Condensed Matter, 2011, 23, 105901.	0.7	12
86	Dynamic and rotatable exchange anisotropy in $\text{Fe/KNiF}_3/\text{FeF}_2$ trilayers. Journal Physics D: Applied Physics, 2011, 44, 415003.	1.3	4
87	Disordered chain model of cross tie wall spacing. Physical Review B, 2011, 84, .	1.1	0
88	Model of bound interface dynamics for coupled magnetic domain walls. Physical Review B, 2011, 84, .	1.1	5
89	Diversity Enabling Equilibration: Disorder and the Ground State in Artificial Spin Ice. Physical Review Letters, 2011, 107, 217204.	2.9	47
90	Effect of disorder studied with ferromagnetic resonance for arrays of tangentially magnetized submicron Permalloy disks fabricated by nanosphere lithography. Journal of Applied Physics, 2011, 109, 013906.	1.1	10

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91	Exchange anisotropy pinning of a standing spin-wave mode. Physical Review B, 2011, 83, . Probing $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$	1.1	23
92	Ferroelectric and electrical characterization of multiferroic $\text{BiFeO}_3$ at the single nanoparticle level. Applied Physics Letters, 2011, 99, 252905.	1.1	18
93	Field tunable localization of spin waves in antidot arrays. Applied Physics Letters, 2011, 98, .	1.5	11
94	Spin-wave tunnelling through a mechanical gap. Europhysics Letters, 2010, 90, 27003.	1.5	32
95	Systematic Structural Coordination Chemistry of <i>p</i> -tert-Butyltetrathiacalix[4]arene: Further Complexes of Lanthanide Metal Ions. European Journal of Inorganic Chemistry, 2010, 2010, 2127-2152.	0.7	28
96	Systematic Structural Coordination Chemistry of <i>p</i> -tert-Butyltetrathiacalix[4]arene: Further Complexes of Transition-Metal Ions. European Journal of Inorganic Chemistry, 2010, 2010, 2106-02126.	1.0	38
97	Dynamic Magnetic Properties of Ferroc Films, Multilayers, and Patterned Elements. Advanced Functional Materials, 2010, 20, 2380-2394.	1.0	82
98	Influence of an interface layer on the effective coupling at a ferromagnet/antiferromagnet interface. Journal of Magnetism and Magnetic Materials, 2010, 322, 1327-1329.	7.8	18
99	Magnetization pinning in conducting films demonstrated using broadband ferromagnetic resonance. Journal of Applied Physics, 2010, 108, 103914.	1.0	1
100	Effect of transverse magnetic correlations on a coupled order parameter: Shifted transition temperatures and thermal hysteresis. Physical Review B, 2010, 81, .	1.1	25
101	Vertex Dynamics in Finite Two-Dimensional Square Spin Ices. Physical Review Letters, 2010, 105, 017201.	1.1	5
102	Exchange bias: Dependence on the properties of the ferromagnetic interface layer. Physical Review B, 2010, 82, .	2.9	61
103	Magnetization pinning at a Py/Co interface measured using broadband inductive magnetometry. Journal of Applied Physics, 2010, 108, .	1.1	17
104	High-frequency susceptibility of a weak ferromagnet with magnetostrictive magnetoelectric coupling: Using heterostructures to tailor electromagnon frequencies. Physical Review B, 2010, 81, .	1.1	34
105	The modification of M41S materials: addition of metal clusters and nanoparticles. New Journal of Chemistry, 2010, 34, 1286.	1.1	20
106	Dynamic Binding of Driven Interfaces in Coupled Ultrathin Ferromagnetic Layers. Physical Review Letters, 2010, 104, 237206.	1.4	10
107	Unidirectional Magnetization Relaxation in Exchange-Biased Films. IEEE Magnetics Letters, 2010, 1, 3500204-3500204.	2.9	36
108		0.6	22

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109	Controlling the magnetization reversal in exchange-biased Co/CoO elongated nanorings. Nanotechnology, 2009, 20, 015304.	1.3	14
110	An experimental investigation of dynamic behavior in FePt systems. Journal of Physics Condensed Matter, 2009, 21, 124203.	0.7	2
111	Periodic magnetic domain wall pinning in an ultrathin film with perpendicular anisotropy generated by the stray magnetic field of a ferromagnetic nanodot array. Applied Physics Letters, 2009, 94, .	1.5	22
112	Magnetic Fe stripes created by self-organized MnAs template: Stripe edge pinning and high-frequency properties. Physical Review B, 2009, 80, .	1.1	9
113	Spin-wave propagation in a microstructured magnonic crystal. Applied Physics Letters, 2009, 95, .	1.5	168
114	Magnetic domain wall creep in the presence of an effective interlayer coupling field. Journal of Magnetism and Magnetic Materials, 2008, 320, 2571-2575.	1.0	19
115	Realization of spin-wave logic gates. Applied Physics Letters, 2008, 92, .	1.5	584
116	Propagating volume and localized spin wave modes on a lattice of circular magnetic antidots. Journal of Applied Physics, 2008, 103, 07C507.	1.1	51
117	International Symposium on Magnetic Multilayers Chair's Foreword. IEEE Transactions on Magnetics, 2008, 44, 1898-1898.	1.2	0
118	Ferromagnetic Resonance Investigation of Macroscopic Arrays of Magnetic Nanoelements Fabricated Using Polystyrene Nanosphere Lithographic Mask Technique. IEEE Transactions on Magnetics, 2008, 44, 2741-2744.	1.2	18
119	Tuning Exchange Anisotropy of Exchange-Biased System. Communications in Theoretical Physics, 2008, 50, 253-256.	1.1	2
120	Partial frequency band gap in one-dimensional magnonic crystals. Applied Physics Letters, 2008, 92, .	1.5	94
121	Exchange interaction and magnetic domain formation in periodically inhomogeneous magnetic media. Physical Review B, 2008, 77, .	1.1	10
122	A Novel Approach to FePt Assemblage and Synthesis. Journal of Physical Chemistry C, 2008, 112, 5271-5274.	1.5	10
123	Calculation of spin wave mode response induced by a coplanar microwave line. Journal of Applied Physics, 2007, 101, 09D107.	1.1	17
124	Influence of grain boundaries on the magnetization reorientation transition in ultrathin films. Physical Review B, 2007, 75, .	1.1	16
125	Measuring exchange anisotropy in Fe <sup>2+</sup> /MnPd using inductive magnetometry. Journal of Applied Physics, 2007, 101, 09E518.	1.1	1
126	Dipole-exchange propagating spin-wave modes in metallic ferromagnetic stripes. Physical Review B, 2007, 76, .	1.1	92



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127	Confinement quantization of parallel pump instability threshold in a metallic ferromagnetic stripe. Applied Physics Letters, 2007, 90, 012507.	1.5	17
128	Parametric spin wave excitation and cascaded processes during switching in thin films. Physical Review B, 2007, 75, .	1.1	23
129	Resonant and nonresonant scattering of dipole-dominated spin waves from a region of inhomogeneous magnetic field in a ferromagnetic film. Physical Review B, 2007, 76, .	1.1	68
130	Interpretation of magnetisation dynamics using inductive magnetometry in thin films. Surface Science, 2007, 601, 5766-5769.	0.8	2
131	Exchange bias using a spin glass. Nature Materials, 2007, 6, 70-75.	13.3	369
132	Creep and Flow Regimes of Magnetic Domain-Wall Motion in Ultrathin $\text{Pt}/\text{Co}$ with Perpendicular Anisotropy. Physical Review Letters, 2007, 99, 217208.	2.9	510
133	Domain dynamics and magneto-electronics in magnetic thin films and nanowires. Surface Science, 2007, 601, 5721-5725.	0.8	0
134	Dipolar ground state of planar spins on triangular lattices. Physical Review B, 2006, 73, .	1.1	43
135	Theory of spin wave modes in tangentially magnetized thin cylindrical dots: A variational approach. Physical Review B, 2006, 73, .	1.1	34
136	Spin wave valve in an exchange spring bilayer. Physical Review B, 2006, 73, .	1.1	15
137	Anisotropy effects on the magnetic excitations of epitaxial ultrathin films below and above the Curie temperature. Surface Science, 2006, 600, 4147-4150.	0.8	8
138	Effect of weak disorder on the ground state of uniaxial dipolar spin systems in the upper critical dimension. European Physical Journal B, 2006, 50, 45-50.	0.6	4
139	Measurement of exchange anisotropy in exchange-bias bilayers. Journal of Magnetism and Magnetic Materials, 2006, 301, 238-244.	1.0	11
140	Dynamic consequences of exchange enhanced anisotropy in ferromagnet/antiferromagnet bilayers. Europhysics Letters, 2006, 74, 512-518.	0.7	8
141	A Simple Hebbian/Anti-Hebbian Network Learns the Sparse, Independent Components of Natural Images. Neural Computation, 2006, 18, 415-429.	1.3	38
142	Energy- and Momentum-Resolved Exchange and Spin-Orbit Interaction in Cobalt Film by Spin-Polarized Two-Electron Spectroscopy. Physical Review Letters, 2006, 97, 096402.	2.9	15
143	Antiferromagnetic relaxation and induced anisotropy in $\text{Fe}/\text{Pt}$ twinned bilayers. Physical Review B, 2006, 73, .	1.1	6
144	Size effects in frustrated dipolar spin systems. Physical Review B, 2006, 74, .	1.1	3

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145	Electron transport through disordered domain walls: Coherent and incoherent regimes. <i>Physical Review B</i> , 2006, 74, .	1.1	5
146	Measurement of spin waves and activation volumes in superparamagnetic Fe films on GaAs(100). <i>Physical Review B</i> , 2006, 74, .	1.1	2
147	Theory for nucleation at an interface and magnetization reversal of a two-layer nanowire. <i>Physical Review B</i> , 2006, 73, .	1.1	12
148	Hysteresis from antiferromagnet domain-wall processes in exchange biased systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 286, 233-237.	1.0	1
149	Light scattering from spin wave excitations in a Co/CoPt exchange spring. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 530-532.	1.0	9
150	Hysteresis from antiferromagnet domain-wall processes in exchange-biased systems: Magnetic defects and thermal effects. <i>Physical Review B</i> , 2005, 71, .	1.1	42
151	Phase shift of spin waves traveling through a 180/spl deg/ Bloch-domain wall. <i>IEEE Transactions on Magnetics</i> , 2005, 41, 3094-3096.	1.2	59
152	Asymmetry in the static and dynamic magnetic properties of a weak exchange spring trilayer. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 286, 479-483.	1.0	11
153	Broad distributions of relaxation times in FePt nanoparticles. <i>Journal of Applied Physics</i> , 2005, 97, 10J508.	1.1	6
154	Dynamic phenomena in magnets and investigations over five orders of magnitude. <i>Journal Physics D: Applied Physics</i> , 2005, 38, R25-R31.	1.3	1
155	Optic and acoustic modes measured in a cobalt/Permalloy exchange spring bilayer using inductive magnetometry. <i>Journal of Applied Physics</i> , 2005, 97, 10A707.	1.1	12
156	Deroughening of Domain Wall Pairs by Dipolar Repulsion. <i>Physical Review Letters</i> , 2005, 94, 207211.	2.9	39
157	Anisotropy effects on the magnetic excitations of a ferromagnetic monolayer below and above the Curie temperature. <i>Physical Review B</i> , 2005, 72, .	1.1	56
158	Circuit model for domain walls in ferromagnetic nanowires: Application to conductance and spin transfer torques. <i>Physical Review B</i> , 2004, 70, .	1.1	14
159	Exchange bias system of Fe/KFeF3. <i>Journal of Applied Physics</i> , 2004, 95, 7309-7311.	1.1	3
160	Thermal training of exchange bias in epitaxialFe/KNiF3. <i>Physical Review B</i> , 2004, 69, .	1.1	15
161	Experimental determination of LÃ©vy flight distributions of the energy barriers in spin glasses. <i>Journal of Applied Physics</i> , 2004, 95, 6983-6985.	1.1	4
162	Exchange bias of antiferromagnets with random anisotropies and perfectly compensated interfaces. <i>Applied Physics Letters</i> , 2004, 84, 3840-3842.	1.5	6

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163	In situ Brillouin scattering study of the thickness dependence of magnetic anisotropy in uncovered and Cu-covered Fe/GaAs(100) ultrathin films. <i>Physical Review B</i> , 2004, 69, .	1.1	42
164	Electronic transport through domain walls in ferromagnetic nanowires: Coexistence of adiabatic and nonadiabatic spin dynamics. <i>Physical Review B</i> , 2004, 69, .	1.1	32
165	Rotatable anisotropy and mixed interfaces: Exchange bias in Fe/KNiF <sub>3</sub> . <i>Physical Review B</i> , 2004, 69, .	1.1	28
166	Site-disordered glassy systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1310-1311.	1.0	0
167	Spin wave excitations in exchange spring Co/CoPt thin film bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 273-274.	1.0	5
168	Effect of reversal field on domain structures in TbFeCo. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E531-E532.	1.0	1
169	Simulations of Magnetic Domain Pattern Formation and Analysis Using Geometric Measures. <i>IEEE Transactions on Magnetics</i> , 2004, 40, 2155-2157.	1.2	1
170	Ferromagnetic resonance in exchange spring thin films. <i>Journal of Applied Physics</i> , 2003, 93, 6483-6485.	1.1	14
171	Exchange bias in the Fe/KCoF <sub>3</sub> system: A comprehensive magnetometry study. <i>Journal of Applied Physics</i> , 2003, 93, 6835-6837.	1.1	11
172	Surface aided polarization reversal in small ferroelectric particles. <i>Journal of Applied Physics</i> , 2003, 93, 4215-4218.	1.1	13
173	Effect of atomic disorder on transport through magnetic tunnel junctions. <i>Journal of Applied Physics</i> , 2003, 93, 7522-7524.	1.1	1
174	Variation of the magnetic domain structure with reversal field (invited). <i>Journal of Applied Physics</i> , 2003, 93, 6567-6571.	1.1	21
175	Micromagnetic simulation of antiferromagnetic/ferromagnetic structures. <i>IEEE Transactions on Magnetics</i> , 2002, 38, 2397-2399.	1.2	28
176	Ferromagnetic resonance study of interface anisotropies in exchange-biased Fe(001)/KNiF <sub>3</sub> bilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 270-272.	1.0	3
177	Spin waves in monolayer Fe films on stepped W surfaces. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 1041-1043.	1.0	3
178	Mechanisms of exchange bias: partial wall pinning, and fluctuations. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 242-245, 139-145.	1.0	16
179	Theory of domain wall nucleation in a two section magnetic wire. <i>IEEE Transactions on Magnetics</i> , 2001, 37, 2098-2100.	1.2	15
180	Defect-modified exchange bias. <i>Applied Physics Letters</i> , 2001, 79, 2785-2787.	1.5	40

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181	High frequency spin dynamics in magnetic heterostructures (invited). Journal of Applied Physics, 2001, 89, 7101-7106.	1.1	6
182	Theory of long-wavelength spin waves in exchange biased bilayers. Journal of Applied Physics, 2001, 89, 7651-7653.	1.1	2
183	Exchange bias in Fe/KNiF <sub>3</sub> bilayers. Journal of Applied Physics, 2001, 89, 7555-7557.	1.1	3
184	Temperature dependence of domain-wall bias and coercivity. Journal of Applied Physics, 2001, 89, 6913-6915.	1.1	20
185	Stability of exchange bias and thermally activated processes. IEEE Transactions on Magnetics, 2000, 36, 3170-3172.	1.2	3
186	Dynamic magnetic hysteresis and anomalous viscosity in exchange bias systems. Physical Review B, 2000, 61, 12174-12180.	1.1	45
187	Angular dependence and interfacial roughness in exchange-biased ferromagnetic/antiferromagnetic bilayers. Physical Review B, 2000, 61, 8888-8894.	1.1	59
188	Local modes of thin magnetic films. Physical Review B, 2000, 62, 8650-8653.	1.1	7
189	Roughness-induced instability in stripe domain patterns. Physical Review B, 2000, 62, 6467-6474.	1.1	14
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