

Ulrich Nowak

List of Publications by Year in descending order

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187
papers

9,097
citations

32410

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190
docs citations

190
times ranked

6422
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarized phonons carry angular momentum in ultrafast demagnetization. <i>Nature</i> , 2022, 602, 73-77.	13.7	77
2	Magnonic proximity effect in insulating ferromagnetic and antiferromagnetic trilayers. <i>Physical Review B</i> , 2022, 105, .	1.1	2
3	Topology dependence of skyrmion Seebeck and skyrmion Nernst effect. <i>Scientific Reports</i> , 2022, 12, 6801.	1.6	5
4	Current-induced switching of antiferromagnetic order in Mn_2Sb from first principles. <i>Physical Review B</i> , 2022, 105, .		
5	Nutation in antiferromagnetic resonance. <i>Physical Review B</i> , 2021, 103, .	1.1	22
6	Anisotropic Skyrmion Diffusion Controlled by Magnetic-Field-Induced Symmetry Breaking. <i>Physical Review Applied</i> , 2021, 15, .	1.5	20
7	Element-specific Magnetization Damping in Ferrimagnetic DyCo_5 Alloys Revealed by Ultrafast X-ray Measurements. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100047.	1.2	7
8	Terahertz spin dynamics driven by an optical spin-orbit torque. <i>Physical Review Research</i> , 2021, 3, .	1.3	2
9	Skyrmions as quasiparticles: Free energy and entropy. <i>Physical Review B</i> , 2021, 103, .	1.1	4
10	Exceptional sign changes of the nonlocal spin Seebeck effect in antiferromagnetic hematite. <i>Physical Review B</i> , 2021, 103, .	1.1	14
11	Skyrmion Dynamics at Finite Temperatures: Beyond Thiele's Equation. <i>Physical Review Letters</i> , 2021, 127, 047203.	2.9	26
12	Ultrafast coherent all-optical switching of an antiferromagnet with the inverse Faraday effect. <i>Physical Review B</i> , 2021, 104, .	1.1	18
13	The role of ultrafast magnon generation in the magnetization dynamics of rare-earth metals. <i>Science Advances</i> , 2020, 6, .	4.7	39
14	Ptychographic imaging and micromagnetic modeling of thermal melting of nanoscale magnetic domains in antidot lattices. <i>AIP Advances</i> , 2020, 10, 125122.	0.6	3
15	Transport properties of spin superfluids: Comparing easy-plane ferromagnets and antiferromagnets. <i>Physical Review B</i> , 2020, 101, .	1.1	8
16	Domain walls in antiferromagnets: The effect of Dzyaloshinskii-Moriya interactions. <i>Journal of Applied Physics</i> , 2020, 127, 223908.	1.1	7
17	Spin waves in skyrmionic structures with various topological charges. <i>Journal of Physics Condensed Matter</i> , 2020, 33, 054001.	0.7	6
18	Diffusion of skyrmions: the role of topology and anisotropy. <i>New Journal of Physics</i> , 2020, 22, 103059.	1.2	18

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19	L^2 -ordered thin films. <i>Physical Review B</i> , 2020, 102, .	1.1	8
20	Noncollinear antiferromagnetic states in Ru-based Heusler compounds induced by biquadratic coupling. <i>Physical Review Materials</i> , 2020, 4, .	0.9	8
21	Unveiling domain wall dynamics of ferrimagnets in thermal magnon currents: Competition of angular momentum transfer and entropic torque. <i>Physical Review Research</i> , 2020, 2, .	1.3	18
22	Spin-lattice relaxation beyond Gilbert damping. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 469, 217-223.	1.0	16
23	Orientation-dependent current-induced motion of skyrmions with various topologies. <i>Physical Review B</i> , 2019, 99, .	1.1	16
24	Terahertz spin dynamics driven by a field-derivative torque. <i>Physical Review B</i> , 2019, 100, .	1.1	9
25	Reduced thermal stability of antiferromagnetic nanostructures. <i>Physical Review B</i> , 2019, 100, .	1.1	11
26	Thermal skyrmion diffusion used in a reshuffler device. <i>Nature Nanotechnology</i> , 2019, 14, 658-661.	15.6	221
27	Magnon detection using a ferroic collinear multilayer spin valve. <i>Nature Communications</i> , 2018, 9, 1089.	5.8	67
28	Spin transport across antiferromagnets induced by the spin Seebeck effect. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 144004.	1.3	32
29	Nanomorphology Effects in Semiconductors with Native Ferromagnetism: Hierarchical Europium (II) Oxide Tubes Prepared via a Topotactic Nanostructure Transition. <i>Advanced Materials</i> , 2018, 30, 1703612.	11.1	9
30	Induced versus intrinsic magnetic moments in ultrafast magnetization dynamics. <i>Physical Review B</i> , 2018, 98, .	1.1	24
31	Magnetism and exchange-bias effect at the MnN/Fe interface. <i>Physical Review B</i> , 2018, 98, .	1.1	5
32	Weak localization of magnons in chiral magnets. <i>Physical Review B</i> , 2018, 97, .	1.1	4
33	Coherent and incoherent ultrafast magnetization dynamics in d -ferromagnets driven by extreme terahertz fields. <i>Physical Review B</i> , 2018, 98, .	1.1	26
34	Roles of heating and helicity in ultrafast all-optical magnetization switching in TbFeCo. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	24
35	Thermally induced magnon accumulation in two-sublattice magnets. <i>Physical Review B</i> , 2017, 95, .	1.1	16
36	Formation and stability of metastable skyrmionic spin structures with various topologies in an ultrathin film. <i>Physical Review B</i> , 2017, 95, .	1.1	61

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37	Fundamentals and applications of the Landau-Lifshitz-Bloch equation. Journal Physics D: Applied Physics, 2017, 50, 033003.	1.3	83
38	Temperature scaling of the Dzyaloshinsky-Moriya interaction in the spin wave spectrum. Physical Review B, 2017, 96, .	1.1	33
39	Development of antiferromagnetic Heusler alloys for the replacement of iridium as a critically raw material. Journal Physics D: Applied Physics, 2017, 50, 443001.	1.3	43
40	Interfacial exchange interactions and magnetism of $\text{NiMn}_2\text{MnAlFe}$ bilayers. Physical Review B, 2017, 96, .	1.1	2
41	Magnetization compensation and spin reorientation transition in ferrimagnetic DyCo_5 : Multiscale modeling and element-specific measurements. Physical Review B, 2017, 96, .	1.1	18
42	Direct observation of enhanced magnetism in individual size- and shape-selected transition metal nanoparticles. Physical Review B, 2017, 95, .	1.1	24
43	Modeling ultrafast all-optical switching in synthetic ferrimagnets. Physical Review B, 2017, 95, .	1.1	27
44	Magnetisation switching of FePt nanoparticle recording medium by femtosecond laser pulses. Scientific Reports, 2017, 7, 4114.	1.6	94
45	Role of temperature-dependent spin model parameters in ultra-fast magnetization dynamics. Journal of Physics Condensed Matter, 2017, 29, 314003.	0.7	1
46	Off-resonant magnetization dynamics in Co, Fe and Ni thin films driven by an intense single-cycle THz field. , 2017, , .		0
47	Magnetic switching of nanoscale antidot lattices. Beilstein Journal of Nanotechnology, 2016, 7, 733-750.	1.5	15
48	Role of the antiferromagnetic bulk spins in exchange bias. Journal of Magnetism and Magnetic Materials, 2016, 416, 2-9.	1.0	48
49	Skyrmions with Attractive Interactions in an Ultrathin Magnetic Film. Physical Review Letters, 2016, 117, 157205.	2.9	80
50	Inertia-Free Thermally Driven Domain-Wall Motion in Antiferromagnets. Physical Review Letters, 2016, 117, 107201.	2.9	77
51	Publisher's Note: Magnetic field control of the spin Seebeck effect [Phys. Rev. B92, 174411 (2015)]. Physical Review B, 2016, 93, .	1.1	0
52	Geometric control of the magnetization reversal in antidot lattices with perpendicular magnetic anisotropy. Physical Review B, 2016, 93, .	1.1	33
53	Thermal properties of a spin spiral: Manganese on tungsten(110). Physical Review B, 2015, 91, .	1.1	15
54	Magnetic field control of the spin Seebeck effect. Physical Review B, 2015, 92, .	1.1	61

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55	Multiscale modeling of ultrafast element-specific magnetization dynamics of ferromagnetic alloys. <i>Physical Review B</i> , 2015, 92, .	1.1	40
56	Controlling the magnetic structure of Co/Pd thin films by direct laser interference patterning. <i>Nanotechnology</i> , 2015, 26, 205302.	1.3	29
57	Multiscale modeling of ultrafast element-specific magnetization dynamics in FeNi ferromagnetic alloys. , 2015, , .		0
58	Combined FORC and X-ray microscopy study of magnetisation reversal in antidot lattices. , 2015, , .		0
59	Disparate ultrafast dynamics of itinerant and localized magnetic moments in gadolinium metal. <i>Nature Communications</i> , 2015, 6, 8262.	5.8	80
60	Length Scale of the Spin Seebeck Effect. <i>Physical Review Letters</i> , 2015, 115, 096602.	2.9	163
61	Fast Vortex Core Switching at Moderate Temperatures. <i>Acta Physica Polonica A</i> , 2015, 127, 342-344.	0.2	1
62	Spin-wave localization in disordered magnets. <i>Physical Review B</i> , 2015, 92, .	1.1	15
63	Domain walls in thermal gradients " Entropic torque and angular momentum transfer. , 2015, , .		0
64	Inverse faraday effect as mechanism for ultrafast all-optical magnetic switching. , 2015, , .		0
65	Magnonic spin currents: Localization, propagation, and accumulation. , 2015, , .		0
66	Switching Dynamics of Two Sub-lattice Magnets. <i>Springer Proceedings in Physics</i> , 2015, , 137-139.	0.1	0
67	Temperature-dependent ferromagnetic resonance via the Landau-Lifshitz-Bloch equation: Application to FePt. <i>Physical Review B</i> , 2014, 90, .	1.1	22
68	Propagation of thermally induced magnonic spin currents. <i>Physical Review B</i> , 2014, 89, .	1.1	71
69	Ferromagnetic vortex core switching at elevated temperatures. <i>Physical Review B</i> , 2014, 89, .	1.1	14
70	Direct Observation of Magnetic Metastability in Individual Iron Nanoparticles. <i>Physical Review Letters</i> , 2014, 112, 107201.	2.9	46
71	Role of Entropy in Domain Wall Motion in Thermal Gradients. <i>Physical Review Letters</i> , 2014, 113, 097201.	2.9	87
72	Dependence of training effect on the antiferromagnetic structure of exchange-bias bilayers within the domain-state model. <i>Physical Review B</i> , 2014, 89, .	1.1	18

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73	Orbital-resolved spin model for thermal magnetization switching in rare-earth-based ferrimagnets. <i>Physical Review B</i> , 2013, 88, .	1.1	105
74	Exchange Bias Driven by Dzyaloshinskii-Moriya Interactions. <i>Physical Review Letters</i> , 2013, 111, 217202.	2.9	52
75	Magnetic Domain Structure in Coupled Rectangular Nanostructures. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 1077-1081.	1.2	5
76	Properties of magnetic vortices at elevated temperatures. <i>Journal of Applied Physics</i> , 2013, 113, 023906.	1.1	10
77	Switching modes in easy and hard axis magnetic reversal in a self-assembled antidot array. <i>Nanotechnology</i> , 2013, 24, 465709.	1.3	18
78	Theoretical study of magnetic domain walls through a cobalt nanocontact. <i>Physical Review B</i> , 2012, 86, .	1.1	6
79	All-optical magnetization reversal by circularly polarized laser pulses: Experiment and multiscale modeling. <i>Physical Review B</i> , 2012, 85, .	1.1	190
80	The thermodynamic limits of magnetic recording. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	53
81	Temperature dependence of the frequencies and effective damping parameters of ferrimagnetic resonance. <i>Physical Review B</i> , 2012, 86, .	1.1	33
82	Key role of temperature in ferromagnetic Bloch point simulations. <i>Physical Review B</i> , 2012, 86, .	1.1	27
83	Stochastic form of the Landau-Lifshitz-Bloch equation. <i>Physical Review B</i> , 2012, 85, .	1.1	157
84	Role of dipole-dipole interactions for hyperthermia heating of magnetic nanoparticle ensembles. <i>Physical Review B</i> , 2012, 85, .	1.1	162
85	Thermally induced error: Density limit for magnetic data storage. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	56
86	THz Switching of Antiferromagnets and Ferrimagnets. <i>Physical Review Letters</i> , 2012, 108, 247207.	2.9	99
87	Domain Wall Motion by the Magnonic Spin Seebeck Effect. <i>Physical Review Letters</i> , 2011, 107, 027205.	2.9	186
88	Spin waves cause non-linear friction. <i>Europhysics Letters</i> , 2011, 95, 17010.	0.7	13
89	Atomistic spin model based on a spin-cluster expansion technique: Application to the IrMn interface. <i>Physical Review B</i> , 2011, 83, .	1.1	60
90	Nonadiabatic Spin Torque Investigated Using Thermally Activated Magnetic Domain Wall Dynamics. <i>Physical Review Letters</i> , 2010, 105, 056601.	2.9	86

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91	Laser-induced magnetization switching in films with perpendicular anisotropy: A comparison between measurements and a multi-macrospin model. <i>Physical Review B</i> , 2010, 81, .	1.1	35
92	Magneto-resistance of atomic-size contacts realized with mechanically controllable break junctions. <i>Physical Review B</i> , 2010, 81, .	1.1	57
93	Monte Carlo study on magnetic nanoparticles from first principle. <i>Journal of Physics: Conference Series</i> , 2010, 200, 072103.	0.3	0
94	Multiscale modeling of magnetic materials: Temperature dependence of the exchange stiffness. <i>Physical Review B</i> , 2010, 82, .	1.1	95
95	Constrained Monte Carlo method and calculation of the temperature dependence of magnetic anisotropy. <i>Physical Review B</i> , 2010, 82, .	1.1	130
96	Atomistic spin model simulation of magnetic reversal modes near the Curie point. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	39
97	Behavior of the antiferromagnetic layer during training in exchange-biased bilayers within the domain state model. <i>Physical Review B</i> , 2010, 82, .	1.1	29
98	Giant magnetic anisotropy of the bulk antiferromagnets IrMn and IrMn_3 from first principles. <i>Physical Review B</i> , 2009, 79, .	1.1	91
99	Temperature dependence of the current-induced domain wall motion from a modified Landau-Lifshitz-Bloch equation. <i>Physical Review B</i> , 2009, 80, .	1.1	45
100	Training effect of exchange-bias bilayers within the domain state model. <i>Physical Review B</i> , 2009, 80, .	1.1	46
101	Spin excitations in a monolayer scanned by a magnetic tip. <i>Europhysics Letters</i> , 2009, 87, 26002.	0.7	24
102	Magnetic Friction and the Role of Temperature. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 3938-3941.	1.2	9
103	Exchange bias for a ferromagnetic film coupled to a spin glass. <i>Physical Review B</i> , 2009, 80, .	1.1	49
104	Ultrafast Spin Dynamics: The Effect of Colored Noise. <i>Physical Review Letters</i> , 2009, 102, 057203.	2.9	72
105	Ultrafast Path for Optical Magnetization Reversal via a Strongly Nonequilibrium State. <i>Physical Review Letters</i> , 2009, 103, 117201.	2.9	367
106	Linear and elliptical magnetization reversal close to the Curie temperature. <i>Europhysics Letters</i> , 2009, 86, 27006.	0.7	57
107	Ferromagnetic resonance in an ensemble of nanoparticles with randomly distributed anisotropy axes. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 31-35.	1.0	61
108	Slow recovery of the magnetisation after a sub-picosecond heat pulse. <i>Europhysics Letters</i> , 2008, 81, 27004.	0.7	143

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109	Towards multiscale modeling of magnetic materials: Simulations of FePt. <i>Physical Review B</i> , 2008, 77, .	1.1	188
110	A model of the temperature dependence of exchange bias in coupled ferromagnetic/antiferromagnetic bilayers. <i>Journal of Applied Physics</i> , 2008, 103, 07C102.	1.1	26
111	Magnetic friction of a nanometer-sized tip scanning a magnetic surface: Dynamics of a classical spin system with direct exchange and dipolar interactions between the spins. <i>Physical Review B</i> , 2008, 77, .	1.1	26
112	Domain wall properties of FePt: From Bloch to linear walls. <i>Physical Review B</i> , 2008, 77, .	1.1	48
113	Rotation of the Pinning Direction in the Exchange Bias Training Effect in Polycrystalline NiFe/FeMn Bilayers. <i>Physical Review Letters</i> , 2008, 101, 147207.	2.9	71
114	Micromagnetic modeling of laser-induced magnetization dynamics using the Landau-Lifshitz-Bloch equation. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	114
115	Orientation and temperature dependence of domain wall properties in FePt. <i>Applied Physics Letters</i> , 2007, 90, 082507.	1.5	28
116	Atomistic models of ultrafast reversal. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 4389-4393.	0.7	9
117	Spin configuration of ferromagnetic/antiferromagnetic nano-composite particles. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 4518-4521.	0.7	3
118	A model of damping due to spin-lattice interaction. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 316, e280-e282.	1.0	9
119	Numerical investigation of spin-torque using the Heisenberg model. <i>European Physical Journal B</i> , 2007, 59, 429-433.	0.6	32
120	Dynamic approach for micromagnetics close to the Curie temperature. <i>Physical Review B</i> , 2006, 74, .	1.1	157
121	Orientation dependence of domain wall properties in FePt. , 2006, , .		0
122	The influence of shape and structure on the Curie temperature of Fe and Co nanoparticles. <i>Journal of Applied Physics</i> , 2006, 99, 08G703.	1.1	23
123	Thermodynamic behavior of nanomagnets with a vortex configuration. <i>Physical Review B</i> , 2006, 74, .	1.1	8
124	Dynamic response of the magnetization to rapid heating in the picosecond regime. , 2006, , .		0
125	Cooling-field dependence of asymmetric reversal modes for ferromagnetic/antiferromagnetic multilayers. <i>Physical Review B</i> , 2006, 74, .	1.1	28
126	Exchange bias in ferromagnetic/antiferromagnetic bilayers with imperfect interfaces. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 4536-4539.	1.3	37

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127	Domain wall motion in nanowires. Phase Transitions, 2005, 78, 115-120.	0.6	5
128	Domain wall resistance in (Co/Pt) 10 -nanowires. Europhysics Letters, 2005, 70, 803-809.	0.7	8
129	Transition to Linear Domain Walls in Nanoconstrictions. Physical Review Letters, 2005, 94, 037206.	2.9	40
130	An atomistic model of switching in FePt nanoparticles. , 2005, , .		0
131	Spin dynamics of magnetic nanoparticles: Beyond Brown's theory. Physical Review B, 2005, 72, .	1.1	76
132	Temperature-dependent magnetic properties of FePt: Effective spin Hamiltonian model. Europhysics Letters, 2005, 69, 805-811.	0.7	236
133	Coercivity and exchange bias of ferromagnetic/antiferromagnetic multilayers. Physical Review B, 2005, 71, .	1.1	62
134	Hall magnetometry on Co, Fe, and Py nanowires. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1654-1655.	1.0	3
135	Structure of domains in an exchange-bias model. Journal of Applied Physics, 2004, 95, 1357-1363.	1.1	26
136	Domain wall mobility in nanowires: Transverse versus vortex walls. Physical Review B, 2004, 69, .	1.1	115
137	Brownian dynamics approach to interacting magnetic moments. Journal of Magnetism and Magnetic Materials, 2003, 266, 28-35.	1.0	34
138	Antiferromagnetic layer thickness dependence of the IrMn/Co exchange-bias system. Physical Review B, 2003, 68, .	1.1	190
139	Control of exchange bias by diluting the antiferromagnetic layer. Journal of Applied Physics, 2003, 93, 6593-6595.	1.1	18
140	Asymmetric Reversal Modes in Ferromagnetic/Antiferromagnetic Multilayers. Physical Review Letters, 2003, 91, 187201.	2.9	123
141	Monte Carlo technique with a quantified time step: Application to the motion of magnetic moments. Physical Review B, 2003, 67, .	1.1	43
142	Simulations of the Domain State Model. Materials Research Society Symposia Proceedings, 2002, 746, 741.	0.1	0
143	Domain state model for exchange bias. I. Theory. Physical Review B, 2002, 66, .	1.1	420
144	Domain state model for exchange bias. II. Experiments. Physical Review B, 2002, 66, .	1.1	246

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145	Thermally Assisted Magnetization Reversal in Nanostructures. Phase Transitions, 2002, 75, 67-72.	0.6	0
146	Magnetization reversal process in thin Co nanowires. Journal of Magnetism and Magnetic Materials, 2002, 240, 297-300.	1.0	43
147	Modeling exchange bias microscopically. Journal of Magnetism and Magnetic Materials, 2002, 240, 243-247.	1.0	64
148	Simulation of Magnetization Switching in Nanoparticle Systems. Physica Status Solidi A, 2002, 189, 475-480.	1.7	6
149	Domain State Model for Exchange Bias: Influence of Structural Defects on Exchange Bias in Co/CoO. , 2002, , 419-431.		7
150	THERMALLY ACTIVATED REVERSAL IN MAGNETIC NANOSTRUCTURES. , 2001, , 105-151.		58
151	Magnetic Nanoparticles: The Simulation of Thermodynamic Properties. , 2001, , 613-622.		6
152	Domain state model for exchange bias. Journal of Applied Physics, 2001, 89, 7269-7271.	1.1	101
153	Magnetization switching in nanowires: Monte Carlo study with fast Fourier transformation for dipolar fields. Journal of Magnetism and Magnetic Materials, 2000, 221, 365-372.	1.0	86
154	Magnetic relaxation in a classical spin chain. Physical Review B, 2000, 61, 6734-6740.	1.1	63
155	Transverse ordering of an antiferromagnet in a field with oblique angle to the easy axis. Physical Review B, 2000, 61, 464-469.	1.1	5
156	Barkhausen avalanches in anisotropic ferromagnets with 180° domain walls. Physical Review E, 2000, 61, 4610-4613.	0.8	27
157	Uniform susceptibility of classical antiferromagnets in one and two dimensions in a magnetic field. European Physical Journal B, 2000, 16, 435-438.	0.6	7
158	Diluted Antiferromagnets in Exchange Bias: Proof of the Domain State Model. Physical Review Letters, 2000, 84, 4224-4227.	2.9	392
159	Real time quantification of Monte Carlo steps for different time scales. Journal of Applied Physics, 2000, 87, 4798-4800.	1.1	13
160	Monte Carlo Simulation with Time Step Quantification in Terms of Langevin Dynamics. Physical Review Letters, 2000, 84, 163-166.	2.9	179
161	Magnetization switching in small ferromagnetic particles: Nucleation and coherent rotation. Journal of Applied Physics, 1999, 85, 4337-4339.	1.1	27
162	Monte Carlo simulation of magnetization switching in a Heisenberg model for small ferromagnetic particles. Computer Physics Communications, 1999, 121-122, 334-337.	3.0	72

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163	Universality in three dimensional random-field ground states. European Physical Journal B, 1999, 7, 105-109.	0.6	71
164	Depinning transition and thermal fluctuations in the random-field Ising model. Physical Review E, 1999, 60, 5202-5207.	0.8	68
165	Modified scaling relation for the random-field Ising model. Physica A: Statistical Mechanics and Its Applications, 1998, 250, 1-7.	1.2	36
166	On the relaxation dynamics of diluted antiferromagnets. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 85-86.	1.0	1
167	Non-exponential relaxation in dilute antiferromagnets. Phase Transitions, 1998, 65, 159-167.	0.6	7
168	Magnetization switching in a Heisenberg model for small ferromagnetic particles. Physical Review B, 1998, 58, 265-272.	1.1	66
169	Influence of temperature on the depinning transition of driven interfaces. Europhysics Letters, 1998, 44, 634-640.	0.7	56
170	Domain dynamics of magnetic films with perpendicular anisotropy. Physical Review B, 1997, 56, 8143-8148.	1.1	52
171	Micromagnetic simulation of nanoscale films with perpendicular anisotropy. Journal of Applied Physics, 1997, 81, 5579-5581.	1.1	5
172	Exact ground-state properties of disordered Ising systems. Physical Review B, 1997, 55, 5866-5872.	1.1	66
173	Dependence of magnetization reversal on the crystallite size in MnBi thin films: Experiment, theory, and computer simulation. Physical Review B, 1996, 54, 13017-13019.	1.1	28
174	Dynamics of domains in diluted antiferromagnets. Physica A: Statistical Mechanics and Its Applications, 1996, 232, 40-50.	1.2	23
175	Magnetisation reversal and domain structure in thin magnetic films: theory and computer simulation. IEEE Transactions on Magnetics, 1995, 31, 4169-4171.	1.2	16
176	Monte Carlo simulation of Ising models with dipole interaction. Journal of Applied Physics, 1994, 76, 6341-6343.	1.1	6
177	RELAXATION OF THE FRACTAL DOMAIN STATE OF DILUTED ANTIFERROMAGNETS. Fractals, 1993, 01, 992-997.	1.8	4
178	Tribology of Composites for Magnetic Tape Recording. Composite Materials Series, 1993, , 469-508.	0.2	0
179	Scaling behavior in disordered sandpile automata. Physical Review A, 1992, 45, 8536-8545.	1.0	28
180	Relaxation of the excess magnetization of random-field-induced metastable domains in Fe _{0.47} Zn _{0.53} F ₂ . Physical Review B, 1992, 45, 9728-9735.	1.1	29

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181	Structure of domains in random Ising magnets. <i>Physical Review B</i> , 1992, 46, 8329-8335.	1.1	23
182	Correlations and fractality in random Ising magnets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1992, 191, 203-207.	1.2	3
183	Diluted antiferromagnets in a magnetic field: evidence for a spin glass phase. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 179-180.	1.0	9
184	Diluted antiferromagnets in a magnetic field: A fractal-domain state with spin-glass behavior. <i>Physical Review B</i> , 1991, 44, 7426-7432.	1.1	46
185	Nonexponential relaxation of diluted antiferromagnets. <i>Physical Review B</i> , 1991, 43, 851-853.	1.1	16
186	Slow relaxation of diluted antiferromagnets. <i>Physica B: Condensed Matter</i> , 1990, 165-166, 211-212.	1.3	7
187	Monte Carlo studies of slow relaxation in diluted antiferromagnets. <i>Physical Review B</i> , 1989, 39, 2516-2521.	1.1	35