Qingfang liu

List of Publications by Year in Descending Order

181 papers	2,883 citations	29 h-index	45 g-index
186 ext. papers	3,385 ext. citations	3.4 avg, IF	5.11 L-index

#	Paper	IF	Citations
181	Spin eigenmodes of skyrmion bags. *Journal Physics D: Applied Physics*, **2022**, 55, 185001	3	1
180	Magnetic skyrmion shape manipulation by perpendicular magnetic anisotropy excitation within geometrically confined nanostructures. *Journal of Magnetism and Magnetic Materials*, **2022**, 545, 168775	2.8	1
179	Microwave excitations and hysteretic magnetization dynamics of stripe domain films. *Journal of Magnetism and Magnetic Materials*, **2022**, 547, 168939	2.8	0
178	Bridge-connected microwave detector based on magnetic skyrmion. *Journal of Magnetism and Magnetic Materials*, **2022**, 541, 168560	2.8	0
177	Annealing enhanced ferromagnetic resonance of thickness-dependent FeGa films. *Applied Physics Letters*, **2022**, 120, 202402	3.4	
176	Thickness-dependent magnetic properties of Ni65Fe28Ga7 films prepared by magnetron co-sputtering. *Applied Physics A: Materials Science and Processing*, **2021**, 127, 1	2.6	
175	Angular dependence of spin wave resonance in FeNi MgO granular film. *Applied Physics Letters*, **2021**, 118, 212401	3.4	0
174	The unusual double-shifted magnetization curves in an exchange-biased perpendicular Co/IrMn system. *Applied Physics Letters*, **2021**, 118, 242401	3.4	2
173	Room-temperature zero field and high-density skyrmions in Pd/Co/Pd multilayer films. *Journal of Magnetism and Magnetic Materials*, **2021**, 521, 167507	2.8	0
172	Direct Imaging of Resonant Phonon-Magnon Coupling. *Physical Review Applied*, **2021**, 15,	4.3	2
171	Commensurability between Element Symmetry and the Number of Skyrmions Governing Skyrmion Diffusion in Confined Geometries. *Advanced Functional Materials*, **2021**, 31, 2010739	15.6	3
170	Dynamics of skyrmion bags driven by the spin orbit torque. *Applied Physics Letters*, **2020**, 117, 172404	3.4	8
169	Phonon Transport Controlled by Ferromagnetic Resonance. *Physical Review Applied*, **2020**, 13,	4.3	11
168	Spin current pumped by confined breathing skyrmion. *New Journal of Physics*, **2020**, 22, 053029	2.9	1
167	Investigation of 2 isolated skyrmion pinning using exchange bias. *Journal of Physics Condensed Matter*, **2020**, 32, 205801	1.8	1
166	Effect of stripe domains on magnetization reversal and domain wall motion-like boundary expansion of the stripe domain region. *Journal Physics D: Applied Physics*, **2020**, 53, 285001	3	0
165	Radio Frequency Mixer Based on Magnetic Skyrmion. *Physica Status Solidi - Rapid Research Letters*, **2020**, 14, 2000249	2.5	1

164	High-frequency spin transfer nano-oscillator based on the motion of skyrmions in an annular groove. *New Journal of Physics*, **2020**, 22, 033001	2.9	12
163	Effect of the repeat number and Co layer thickness on the magnetization reversal process in [Pt/Co(x)]N multilayers. *Journal Physics D: Applied Physics*, **2020**, 53, 215001	3	6
162	The formation process and structure of the skyrmion bubble lattice in magnetic multilayers. *Journal of Applied Physics*, **2020**, 127, 063901	2.5	1
161	Nano-oscillator based on radial vortex by overcoming the switching of core. *Journal Physics D: Applied Physics*, **2020**, 53, 195004	3	4
160	Giant Magnetoimpedance Effect Modified by Transverse Shape Anisotropy in Fe-Based Amorphous Ribbon. *IEEE Transactions on Magnetics*, **2020**, 56, 1-5	2	1
159	Influence of magentic annealing temperature on microstructure and magnetic properties of NiCu alloy film. *Wuli Xuebao/Acta Physica Sinica*, **2020**, 69, 097401	0.6	0
158	Surface acoustic wave assisted domain wall motion in [Co/Pd]2/Pd(t)/Py multilayers. *Journal of Magnetism and Magnetic Materials*, **2020**, 502, 166546	2.8	2
157	Static and dynamic magnetic properties of Fe20Ni80 and Co20Fe60B20 material-modulated stripe-patterned thin films. *Journal of Magnetism and Magnetic Materials*, **2020**, 497, 166008	2.8	0
156	Dynamics properties of skyrmion based microwave detectors under external field. *Applied Physics Express*, **2020**, 13, 053001	2.4	
155	Current-induced motion of twisted skyrmions. *Applied Physics Letters*, **2019**, 114, 192401	3.4	11
154	Microwave-driven dynamic switching of the radial vortex in a nanodot by micromagnetic simulation. *Journal Physics D: Applied Physics*, **2019**, 52, 195001	3	6
153	Trochoidal antiskyrmion motion with microwave electric fields. *Journal Physics D: Applied Physics*, **2019**, 52, 435001	3	6
152	High frequency properties of [Co/Pd]n/Py multilayer films under different temperatures. *Journal of Applied Physics*, **2019**, 126, 053901	2.5	2
151	Investigation into the microstructure and soft magnetic property of co-sputtering FeNi□MgO nanogranular films. *Journal of Materials Science*, **2019**, 54, 14189-14196	4.3	7
150	Magnetic properties of isolated skyrmion under the in-plane magnetic field and anisotropy gradient. *Journal of Applied Physics*, **2019**, 126, 063904	2.5	1
149	Current-driven radial vortex switching in a permalloy nanodisk. *Journal of Magnetism and Magnetic Materials*, **2019**, 491, 165544	2.8	3
148	Field-tuned spin excitation spectrum of k□skyrmion. *New Journal of Physics*, **2019**, 21, 083006	2.9	11
147	Metastable magnetic bubble in [Co/Pd]4/Py multilayers. *Journal Physics D: Applied Physics*, **2019**, 52, 065005	3	4

146	Rapid creation and reversal of skyrmion in spin-valve nanopillars. *Journal of Magnetism and Magnetic Materials*, **2019**, 474, 472-476	2.8	5
145	Multiple spin waves excitation modes observed in the Py film with antidots-like structure. *Journal Physics D: Applied Physics*, **2019**, 52, 085002	3	
144	Spin Rectification dc Voltage Spectra via Sweeping Frequency. *Physica Status Solidi (B): Basic Research*, **2019**, 256, 1800401	1.3	
143	Influence of the phases structure on the acoustic and optical modes ferromagnetic resonance of FeNi stripe domain films. *Journal of Magnetism and Magnetic Materials*, **2019**, 475, 103-107	2.8	5
142	Tuning the ferromagnetic resonance frequency of soft magnetic film by patterned permalloy micro-stripes with stripe-domain. *Journal of Magnetism and Magnetic Materials*, **2018**, 457, 46-51	2.8	7
141	Skyrmion motion driven by the gradient of voltage-controlled magnetic anisotropy. *Journal of Magnetism and Magnetic Materials*, **2018**, 458, 57-61	2.8	25
140	Effect of substrate roughness on the magnetic properties of CoFeB films. *Journal of Magnetism and Magnetic Materials*, **2018**, 461, 19-22	2.8	11
139	Array of Synchronized Nano-Oscillators Based on Repulsion between Domain Wall and Skyrmion. *Physical Review Applied*, **2018**, 9,	4.3	40
138	Electrospun porous CuFe2O4 nanotubes on nickel foam for nonenzymatic voltammetric determination of glucose and hydrogen peroxide. *Journal of Alloys and Compounds*, **2018**, 739, 764-770	5.7	25
137	Optimization of magnetoimpedance effect in Co-based ribbon by laser patterning for sensor arrays application. *Journal Physics D: Applied Physics*, **2018**, 51, 045005	3	5
136	Enhanced magnetoimpedance effect of Fe 75.5 Cu 1 Nb 3 Si 13.5 B 7 ribbon covered by in-situ growth vertical graphene sheets. *Materials Letters*, **2018**, 222, 131-134	3.3	10
135	Thickness-dependent on the static magnetic properties and dynamic anisotropy of FeNi films with stripe domain structures. *Journal Physics D: Applied Physics*, **2018**, 51, 025001	3	12
134	Static and dynamic magnetic properties of stripe-patterned Fe20Ni80soft magnetic films. *Journal Physics D: Applied Physics*, **2018**, 51, 045004	3	5
133	Enhancement of damping in FeNiN film due to two-magnon scattering effect. *Applied Physics Letters*, **2018**, 113, 232402	3.4	7
132	Stabilization and Reversal of Skyrmion Lattice in Ta/CoFeB/MgO Multilayers. *ACS Applied Materials & Interfaces*, **2018**, 10, 36556-36563	9.5	15
131	Influence of Deposition Cycle and Magnetic Annealing on High-Frequency Magnetic Properties of the [Co90Fe10/Ta]n Multilayer Thin Films. *IEEE Transactions on Magnetics*, **2018**, 54, 1-7	2	1
130	Size-tunable skyrmion bubbles in Ta/CoFeB/MgO multilayers. *Journal Physics D: Applied Physics*, **2018**, 51, 425001	3	8
129	Investigation on the structures and magnetic properties of carbon or nitrogen doped cobalt ferrite nanoparticles. *Scientific Reports*, **2018**, 8, 7916	4.9	8

128	The Temperature-Dependent Microstructure and Magnetic Parameters of FeCo Films. *Journal of the Electrochemical Society*, **2017**, 164, D154-D158	3.9	1
127	Estimating the In-Plane Magnetic Anisotropy and Saturation Magnetization of Magnetic Films. *IEEE Transactions on Magnetics*, **2017**, 53, 1-6	2	4
126	Upfront haploidentical transplant for acquired severe aplastic anemia: registry-based comparison with matched related transplant. *Journal of Hematology and Oncology*, **2017**, 10, 25	22.4	92
125	Static and Dynamic Properties of Nanowire/Permalloy Composite Films. *IEEE Magnetics Letters*, **2017**, 8, 1-5	1.6	0
124	Micromagnetic simulation for detection of magnetic nanobeads by spin torque oscillator. *Journal of Magnetism and Magnetic Materials*, **2017**, 432, 387-390	2.8	5
123	Understanding stripe domains in Permalloy films via the angular dependence of permeability spectra. *Journal of Magnetism and Magnetic Materials*, **2017**, 432, 245-249	2.8	4
122	Prophylactic Donor Lymphocyte Infusion (DLI) Followed by Minimal Residual Disease and Graft-versus-Host Disease-Guided Multiple DLIs Could Improve Outcomes after Allogeneic Hematopoietic Stem Cell Transplantation in Patients with Refractory/Relapsed Acute Leukemia. *Biology of Blood and Marrow Transplantation*, **2017**, 23, 1311-1319	4.7	43
121	Dynamics of Dzyaloshinskii Domain Walls Driven by Spin Hall Effect in the Presence of Magnetic Fields. *Spin*, **2017**, 07, 1740004	1.3	
120	Influence of substrate temperature on static and dynamic magnetic properties of FeNiN films. *Journal Physics D: Applied Physics*, **2017**, 50, 045002	3	2
119	Control and manipulation of antiferromagnetic skyrmions in racetrack. *Journal Physics D: Applied Physics*, **2017**, 50, 505005	3	27
118	Cycle rapid cooling treatment effect on the magnetic properties and giant magnetoimpedance properties of Co-based amorphous alloy ribbons. *Journal of Magnetism and Magnetic Materials*, **2017**, 444, 198-205	2.8	6
117	Topological trajectories of a magnetic skyrmion with an in-plane microwave magnetic field. *Journal of Applied Physics*, **2017**, 122, 223901	2.5	8
116	Skyrmion-based multi-channel racetrack. *Applied Physics Letters*, **2017**, 111, 192413	3.4	21
115	Tuning high frequency magnetic properties and damping of FeGa, FeGaN and FeGaB thin films. *AIP Advances*, **2017**, 7, 115009	1.5	13
114	Synthesis, characterization and magnetic properties of NiFe2−CexO4 nanoribbons by electrospinning. *Journal of Magnetism and Magnetic Materials*, **2017**, 425, 37-42	2.8	12
113	Structural and magnetic properties of electrospun yttrium iron garnet (YIG) nanofibers. *Ceramics International*, **2017**, 43, 1236-1241	5.1	14
112	Improved coercivity and considerable saturation magnetization of cobalt ferrite (CoFe2O4) nanoribbons synthesized by electrospinning. *Journal of Materials Science*, **2016**, 51, 885-892	4.3	20
111	Dependence of phase configurations, microstructures and magnetic properties of iron-nickel (Fe-Ni) alloy nanoribbons on deoxidization temperature in hydrogen. *Scientific Reports*, **2016**, 6, 37701	4.9	20

110	Annealing influence on the exchange stiffness constant of Permalloy films with stripe domains. *Journal Physics D: Applied Physics*, **2016**, 49, 265002	3	15
109	Dynamic response for Dzyaloshinskii□Moriya interaction on bubble-like magnetic solitons driven by spin-polarized current. *Journal Physics D: Applied Physics*, **2016**, 49, 195004	3	2
108	Investigation on the structure and dynamic magnetic properties of FeCo films with different thicknesses by vector network analyzer and electron spin resonance spectroscopy. *Journal of Alloys and Compounds*, **2016**, 688, 917-922	5.7	18
107	Influence of NiZn-Ferrite Spacers on Giant Magnetoimpedance Effect in FeNi/Cu/FeNi Nano Films. *Journal of Nanoscience and Nanotechnology*, **2016**, 16, 8142-8145	1.3	
106	Nonmetal sulfur-doped coral-like cobalt ferrite nanoparticles with enhanced magnetic properties. *Journal of Materials Chemistry C*, **2016**, 4, 951-957	7.1	19
105	GMI field sensitivity near a zero external field in Co-based amorphous alloy ribbons: experiments and model. *Journal Physics D: Applied Physics*, **2016**, 49, 065006	3	5
104	Synthesis, microstructure and magnetic performance of FeCo alloy nanoribbons. *Materials Letters*, **2016**, 162, 176-179	3.3	16
103	Tunable Static and High-Frequency Magnetic Properties of FeCo Films by an Applied Magnetic Field. *Science of Advanced Materials*, **2016**, 8, 1061-1065	2.3	5
102	A facile strategy for synthesis of spinel ferrite nano-granules and their potential applications. *RSC Advances*, **2016**, 6, 66795-66802	3.7	5
101	Controllable magnetic and magnetostrictive properties of FeGa films electrodeposited on curvature substrates. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	15
100	High saturation magnetization of □Fe2O3 nano-particles by a facile one-step synthesis approach. *Scientific Reports*, **2016**, 6, 32360	4.9	88
99	Dynamics of antiferromagnetic skyrmion driven by the spin Hall effect. *Applied Physics Letters*, **2016** , 109, 182404	3.4	76
98	Electrospun Dy-doped SrFe12O19 nanofibers: microstructure and magnetic properties. *Applied Physics A: Materials Science and Processing*, **2016**, 122, 1	2.6	7
97	Applied magnetic field angle dependence of the static and dynamic magnetic properties in FeCo films during the deposition. *Journal of Magnetism and Magnetic Materials*, **2016**, 416, 208-212	2.8	10
96	Preparation and influence of pH on the dynamic magnetic property of magnetic FeCoC films. *Materials Chemistry and Physics*, **2016**, 177, 236-241	4.4	1
95	Phase locking of moving magnetic vortices in bridge-coupled nanodisks. *Journal of Applied Physics*, **2015**, 117, 173907	2.5	4
94	Hierarchical SrTiO3/NiFe2O4 composite nanostructures with excellent light response and magnetic performance synthesized toward enhanced photocatalytic activity. *Nanoscale*, **2015**, 7, 14738-46	7.7	34
93	Current-induced magnetic skyrmions oscillator. *New Journal of Physics*, **2015**, 17, 023061	2.9	115

92	Magnetic properties of iron nitride films prepared by oblique sputtering under different nitrogen gas flow ratios (N2/N2+Ar). *Journal of Physics and Chemistry of Solids*, **2015**, 85, 13-17	3.9	11
91	Enhanced GMI effect in NiZn-ferrite-modified Fe-based amorphous ribbons. *Applied Physics A: Materials Science and Processing*, **2015**, 119, 1277-1281	2.6	10
90	Robust SiO2-modified CoFe2O4 hollow nanofibers with flexible room temperature magnetic performance. *Physical Chemistry Chemical Physics*, **2015**, 17, 12841-8	3.6	13
89	Nonvolatile bipolar resistive switching behavior of epitaxial NdFeO3□PbTiO3thin films grown on Nb:SrTiO3(001) substrate. *Applied Physics Express*, **2015**, 8, 051102	2.4	1
88	Multiferroic and multilevel resistive switching properties of LaFeO3□PbTiO3 films grown on Nb:SrTiO3 (0 0 1) substrate. *Ceramics International*, **2015**, 41, S851-S855	5.1	3
87	Effect of Dzyaloshinskii-Moriya interaction on the magnetic vortex oscillator driven by spin-polarized current. *Journal of Applied Physics*, **2015**, 117, 17B720	2.5	11
86	A novel method to fabricate CoFe2O4/SrFe12O19 composite ferrite nanofibers with enhanced exchange coupling effect. *Nanoscale Research Letters*, **2015**, 10, 131	5	34
85	Magnetic Properties and Microstructure Investigation of FeNi Films With Step-Height by Nano-MOKE. *IEEE Transactions on Magnetics*, **2015**, 51, 1-4	2	2
84	Fabrication and characterization of FePt magnetic nanofibers via electrospinning technique. *Journal of Materials Science*, **2015**, 50, 7218-7226	4.3	4
83	Magnetic properties of permalloy films with different thicknesses deposited onto obliquely sputtered Cu underlayers. *Journal of Magnetism and Magnetic Materials*, **2015**, 377, 142-146	2.8	12
82	Efficient photocatalytic degradation of acid fuchsin in aqueous solution using separate porous tetragonal-CuFe2O4 nanotubes. *Journal of Hazardous Materials*, **2015**, 284, 163-70	12.8	61
81	Width-controlled M-type hexagonal strontium ferrite (SrFe12O19) nanoribbons with high saturation magnetization and superior coercivity synthesized by electrospinning. *Scientific Reports*, **2015**, 5, 15089	4.9	48
80	A short-circuited coplanar waveguide to measure the permeability of magnetic thin films: Comparison with short-circuited microstrip line. *Review of Scientific Instruments*, **2015**, 86, 114705	1.7	9
79	Static property and current-driven precession of 2□vortex in nano-disk with Dzyaloshinskii-Moriya interaction. *AIP Advances*, **2015**, 5, 087137	1.5	13
78	Top-down control of dynamic anisotropy in permalloy thin films with stripe domains. *Journal Physics D: Applied Physics*, **2015**, 48, 465001	3	22
77	Vortex Dynamics in Magnetic Nanodisks With a Ring of Magnetic Defects. *IEEE Transactions on Magnetics*, **2015**, 51, 1-4	2	
76	Enhanced magnetoimpedance effect of carbon fiber/Fe-based alloy coaxial composite by tensile stress. *Carbon*, **2015**, 93, 451-457	10.4	7
75	Critical Current Density and Ferromagnetic Resonance Affected by Perpendicular Anisotropy in Spin Valve. *IEEE Transactions on Magnetics*, **2015**, 51, 1-3	2	

74	Synthesis, nanostructure and magnetic properties of FeCo-reduced graphene oxide composite films by one-step electrodeposition. *Thin Solid Films*, **2015**, 597, 1-6	2.2	9
73	Propagating and reflecting of spin wave in permalloy nanostrip with 360° domain wall. *Journal of Applied Physics*, **2014**, 115, 013908	2.5	8
72	Microstructure and magnetic properties of iron nitride granular thin films obtained by oblique RF reactive sputtering. *Journal of Alloys and Compounds*, **2014**, 592, 185-188	5.7	11
71	Improved magnetic properties of SrFe12O19/FeCo core–shell nanofibers by hard/soft magnetic exchange coupling effect. *Materials Letters*, **2014**, 120, 9-12	3.3	37
70	Enhanced giant magnetoimpedance effect in patterned FeNi/FeCo nanostructure. *Journal of Applied Physics*, **2014**, 115, 17C721	2.5	
69	Electrodeposition of FeCoCd films with in-plane uniaxial magnetic anisotropy for microwave applications. *Journal of Applied Physics*, **2014**, 115, 17A307	2.5	7
68	Enhanced magnetoimpedance effect in stratified graphene paper/FeNi film composited material. *Materials Letters*, **2014**, 114, 56-59	3.3	3
67	Static magnetic and microwave absorption properties of FeCo/Al2O3composites synthesized by high-energy ball milling method. *Journal Physics D: Applied Physics*, **2014**, 47, 065001	3	11
66	Faster motion of double 360° domain walls system induced by spin-polarized current. *Journal of Applied Physics*, **2014**, 115, 17D504	2.5	2
65	Phase locking of vortex cores in two coupled magnetic nanopillars. *AIP Advances*, **2014**, 4, 117130	1.5	1
64	Current-induced domain wall motion in nanostrip–nanobars system. *Japanese Journal of Applied Physics*, **2014**, 53, 073001	1.4	5
63	Bimagnetic h-Co/h-CoO nanotetrapods: preparation, nanoscale characterization, three-dimensional architecture and their magnetic properties. *Nanoscale*, **2014**, 6, 13710-8	7.7	16
62	An induction method to calculate the complex permeability of soft magnetic films without a reference sample. *Review of Scientific Instruments*, **2014**, 85, 054705	1.7	51
61	Hydrothermal epitaxial growth and nonvolatile bipolar resistive switching behavior of LaFeO3-PbTiO3 films on Nb:SrTiO3(001) substrate. *Applied Physics Letters*, **2014**, 105, 152904	3.4	31
60	Influence of tensile stress on giant magnetoimpedance effect of electroplated Ni1−Co /Cu composite wires. *Journal of Alloys and Compounds*, **2014**, 616, 426-429	5.7	8
59	Microstructure and magnetic properties of iron nitride thin films. *Journal of Alloys and Compounds*, **2014**, 582, 398-402	5.7	20
58	The influence of magnetic heat treatment on morphology, structure, magnetic properties of Fe-Co-P alloy films. *Applied Physics A: Materials Science and Processing*, **2014**, 115, 359-363	2.6	4
57	Ferromagnetic Fe3O4 nanofibers: Electrospinning synthesis and characterization. *Journal of Alloys and Compounds*, **2013**, 577, 192-194	5.7	25

56	Microwave absorption properties of the Ni nanofibers fabricated by electrospinning. *Applied Physics A: Materials Science and Processing*, **2013**, 113, 755-761	2.6	29
55	Magnetic properties and microstructure investigation of electrodeposited FeNi/ITO films with different thickness. *Journal of Alloys and Compounds*, **2013**, 581, 66-70	5.7	18
54	Current-induced collective motion of 180° and 360° domain walls in double nanowires system. *Journal of Magnetism and Magnetic Materials*, **2013**, 347, 124-130	2.8	6
53	Interface coupling-induced enhancement of magnetoimpedance effect in heterogeneous nanobrush by adjusting textures of Co nanowires. *Nanoscale Research Letters*, **2013**, 8, 471	5	3
52	Enhanced Giant Magnetoimpedance Effect in Rapid Heat-Treated Fe-Based Amorphous Ribbons. *Chinese Physics Letters*, **2013**, 30, 037501	1.8	3
51	Morphology dependence of electron spin resonance investigation on structure controllable hollow La0.7Sr0.3MnO3nanofibres. *Journal Physics D: Applied Physics*, **2013**, 46, 105001	3	3
50	Electrospun magnetic SrFe12O19nanofibres with improved hard magnetism. *Journal Physics D: Applied Physics*, **2013**, 46, 445003	3	22
49	Effect of Zn substitution on morphology and magnetic properties of CuFe2O4 nanofibers. *Materials Chemistry and Physics*, **2012**, 134, 1097-1101	4.4	18
48	Large-scale preparation of ZnO nanoflowers from nanowires with high length/diameter ratio. *Materials Letters*, **2012**, 84, 66-68	3.3	1
47	Tunable resonance frequency of FeNi films by oblique sputtering. *Journal of Magnetism and Magnetic Materials*, **2012**, 324, 2899-2901	2.8	30
46	Preparation and characterization of Ba2Co2Fe12O22 ferrite via glucose sol–gel method. *Journal of Sol-Gel Science and Technology*, **2012**, 61, 39-43	2.3	4
45	Adjustable magnetic anisotropy and resonance frequency of patterned ferromagnetic films by laser etching. *Journal of Alloys and Compounds*, **2012**, 543, 197-199	5.7	16
44	A New Method to Calculate the Degree of Electromagnetic Impedance Matching in One-Layer Microwave Absorbers. *Chinese Physics Letters*, **2012**, 29, 038401	1.8	58
43	Magnetic irreversibility of the Fe antidot arrays film by depositing on the porous alumina templates. *Applied Surface Science*, **2012**, 258, 3723-3725	6.7	3
42	Enhanced microwave absorption of BaTiO3-based ferroelectric/ferromagnetic nanocomposite. *Applied Surface Science*, **2012**, 258, 7556-7561	6.7	28
41	Tuning giant magnetoimpedance response of Fe75.5Si13.5B7Nb3Cu1 amorphous ribbon by laser ablation. *Journal of Magnetism and Magnetic Materials*, **2012**, 324, 3189-3192	2.8	1
40	Synthesis and characterization of Fe/C core–shell nanoparticles. *Materials Letters*, **2012**, 88, 61-64	3.3	14
39	Enhanced giant magnetoimpedance in heterogeneous nanobrush. *Nanoscale Research Letters*, **2012** , 7, 506	5	7

38	Faster 360° domain wall motion in nanostrip induced by spin-polarized current with out-of-plane magnetic field. *Physica B: Condensed Matter*, **2012**, 407, 4584-4587	2.8	6
37	Optimum electrodeposition conditions of FeCoZr films with in-plane uniaxial anisotropy for high frequency application. *Materials Chemistry and Physics*, **2012**, 137, 499-502	4.4	8
36	The Influence of Impurities on Electroplated FeCoZr High Frequency Properties through Thiourea Containing Electrolyte. *Journal of the Electrochemical Society*, **2012**, 159, H842-H845	3.9	2
35	Analyses on multiple resonance behaviors and microwave reflection loss in magnetic Co microflowers. *Physica Status Solidi (B): Basic Research*, **2012**, 249, 575-580	1.3	62
34	A novel fabrication method of magnetic Co/Ni0.4Zn0.6Fe2O4 coaxial nanocables. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 2472-6	1.3	1
33	Fast magnetization switching by linear vertical microwave-assisted spin-transfer torque. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 7460-3	1.3	2
32	Attractive microwave absorption and the impedance match effect in zinc oxide and carbonyl iron composite. *Physica B: Condensed Matter*, **2011**, 406, 4620-4624	2.8	125
31	Designed synthesis and magnetic properties of Co hierarchical nanostructures. *Materials Letters*, **2011**, 65, 1312-1315	3.3	9
30	Effect of heating rate on morphology and structure of CoFe2O4 nanofibers. *Materials Letters*, **2011**, 65, 3269-3271	3.3	30
29	Tailoring coercivity and magnetic anisotropy of Co nanowire arrays by microstructure. *Journal of Materials Science*, **2011**, 46, 7545-7550	4.3	18
28	The microstructure and magnetic properties of Ni0.4Zn0.6Fe2O4 films prepared by spin-coating method. *Journal of Sol-Gel Science and Technology*, **2011**, 58, 501-506	2.3	9
27	Influence of saccharides chelating agent on particle size and magnetic properties of Co2Z hexaferrite synthesized by sol–gel method. *Journal of Sol-Gel Science and Technology*, **2011**, 60, 41-47	2.3	12
26	Low current density spin-transfer torque effect assisted by in-plane microwave field. *Applied Physics Letters*, **2011**, 99, 032502	3.4	8
25	Enhanced microwave absorption properties of Fe3Al/Al2O3fine particle composites. *Journal Physics D: Applied Physics*, **2010**, 43, 115001	3	30
24	Enhanced microwave absorption of Fe nanoflakes after coating with SiO2 nanoshell. *Nanotechnology*, **2010**, 21, 095708	3.4	213
23	Two-dimensional periodic boundary conditions for demagnetization interactions in micromagnetics. *Computational Materials Science*, **2010**, 49, 84-87	3.2	30
22	Tunable magnetic properties of heterogeneous nanobrush: from nanowire to nanofilm. *Nanoscale Research Letters*, **2010**, 5, 853-8	5	9
21	Calculations of three-dimensional magnetic excitations in permalloy nanostructures with vortex state. *Journal of Magnetism and Magnetic Materials*, **2010**, 322, 2480-2484	2.8	10

20	Abnormal coercivity dependence on the diameter of Co nanowires in anodic aluminium oxide templates. *Journal Physics D: Applied Physics*, **2009**, 42, 105002	3	13
19	Microwave absorption of electroless Ni□CoP-coated SiO2 powder. *Applied Surface Science*, **2009**, 255, 6629-6633	6.7	45
18	Broadband and thin microwave absorber of nickel□inc ferrite/carbonyl iron composite. *Journal of Alloys and Compounds*, **2009**, 487, 708-711	5.7	36
17	Influence of crystal orientation on magnetic properties of hcp Co nanowire arrays. *Journal Physics D: Applied Physics*, **2009**, 42, 095005	3	40
16	Micromagnetic calculation of dynamic susceptibility in ferromagnetic nanorings. *Journal of Applied Physics*, **2009**, 105, 083908	2.5	13
15	In-plane anisotropy formation of Co thin film induced by FeMn covering layer. *Journal Physics D: Applied Physics*, **2008**, 41, 055002	3	4
14	Micromagnetic simulation of the magnetic spectrum of ferromagnetic nanowire. *Journal of Applied Physics*, **2008**, 103, 013910	2.5	26
13	Microwave absorption properties of the Ni nanowires composite. *Journal Physics D: Applied Physics*, **2008**, 41, 235005	3	71
12	Synthesis and characterization of nanocrystalline BaFe12O19 obtained by using glucose as a fuel. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2007**, 456, 130-132	5.3	30
11	Magnetic moment distribution study of Fe antidot arrays. *Thin Solid Films*, **2007**, 515, 6967-6970	2.2	6
10	Anomalous positive exchange bias in nanostructured FeMn/Co/FeMn networks. *Nanotechnology*, **2007**, 18, 335703	3.4	15
9	Characterization and magnetic properties of Fe1□Nix nanowire arrays. *Physical Review B*, **2005**, 72,	3.3	19
8	Magnetic texture in iron nanowire arrays. *Nanotechnology*, **2004**, 15, 485-489	3.4	44
7	The effect of diameter on micro-magnetic properties of Fe0.68Ni0.32 nanowire arrays. *Journal of Magnetism and Magnetic Materials*, **2004**, 278, 323-327	2.8	16
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