

Jianbo Wang

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173
papers

2,970
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28
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47
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182
ext. papers

3,419
ext. citations

3.4
avg, IF

5.12
L-index

#	Paper	IF	Citations
173	Enhanced microwave absorption of Fe nanoflakes after coating with SiO ₂ nanoshell. <i>Nanotechnology</i> , 2010 , 21, 095708	3.4	213
172	Magnetic properties of ZnFe ₂ O ₄ nanoparticles produced by a low-temperature solid-state reaction method. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 309, 295-299	2.8	160
171	Synthesis and microwave absorption properties of Fe ₃ O ₄ nanofibers by electrospinning with disperse Fe nanoparticles parceled by carbon. <i>Carbon</i> , 2014 , 74, 312-318	10.4	153
170	Attractive microwave absorption and the impedance match effect in zinc oxide and carbonyl iron composite. <i>Physica B: Condensed Matter</i> , 2011 , 406, 4620-4624	2.8	125
169	Current-induced magnetic skyrmions oscillator. <i>New Journal of Physics</i> , 2015 , 17, 023061	2.9	115
168	Microwave permeability spectra of flake-shaped FeCuNbSiB particle composites. <i>Journal of Applied Physics</i> , 2008 , 103, 063903	2.5	88
167	High saturation magnetization of Fe ₃ O ₄ nano-particles by a facile one-step synthesis approach. <i>Scientific Reports</i> , 2016 , 6, 32360	4.9	88
166	Dynamics of antiferromagnetic skyrmion driven by the spin Hall effect. <i>Applied Physics Letters</i> , 2016 , 109, 182404	3.4	76
165	Microwave absorption properties of the Ni nanowires composite. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 235005	3	71
164	Microwave absorption properties of the hierarchically branched Ni nanowire composites. <i>Journal of Applied Physics</i> , 2009 , 105, 053911	2.5	69
163	Analyses on multiple resonance behaviors and microwave reflection loss in magnetic Co microflowers. <i>Physica Status Solidi (B): Basic Research</i> , 2012 , 249, 575-580	1.3	62
162	Efficient photocatalytic degradation of acid fuchsin in aqueous solution using separate porous tetragonal-CuFe ₂ O ₄ nanotubes. <i>Journal of Hazardous Materials</i> , 2015 , 284, 163-70	12.8	61
161	An induction method to calculate the complex permeability of soft magnetic films without a reference sample. <i>Review of Scientific Instruments</i> , 2014 , 85, 054705	1.7	51
160	Width-controlled M-type hexagonal strontium ferrite (SrFe ₁₂ O ₁₉) nanoribbons with high saturation magnetization and superior coercivity synthesized by electrospinning. <i>Scientific Reports</i> , 2015 , 5, 15089	4.9	48
159	Microwave absorption of electroless Ni ₂ B-coated SiO ₂ powder. <i>Applied Surface Science</i> , 2009 , 255, 6629-6633	6.7	45
158	Array of Synchronized Nano-Oscillators Based on Repulsion between Domain Wall and Skyrmion. <i>Physical Review Applied</i> , 2018 , 9,	4.3	40
157	Static and high frequency magnetic properties of FeGa thin films deposited on convex flexible substrates. <i>Applied Physics Letters</i> , 2015 , 106, 162405	3.4	40

156	Influence of crystal orientation on magnetic properties of hcp Co nanowire arrays. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 095005	3	40
155	Improved magnetic properties of SrFe ₁₂ O ₁₉ /FeCo core-shell nanofibers by hard/soft magnetic exchange coupling effect. <i>Materials Letters</i> , 2014 , 120, 9-12	3.3	37
154	Broadband and thin microwave absorber of nickel-zinc ferrite/carbonyl iron composite. <i>Journal of Alloys and Compounds</i> , 2009 , 487, 708-711	5.7	36
153	Hierarchical SrTiO ₃ /NiFe ₂ O ₄ composite nanostructures with excellent light response and magnetic performance synthesized toward enhanced photocatalytic activity. <i>Nanoscale</i> , 2015 , 7, 14738-46	7.7	34
152	A novel method to fabricate CoFe ₂ O ₄ /SrFe ₁₂ O ₁₉ composite ferrite nanofibers with enhanced exchange coupling effect. <i>Nanoscale Research Letters</i> , 2015 , 10, 131	5	34
151	Tunable resonance frequency of FeNi films by oblique sputtering. <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 2899-2901	2.8	30
150	Effect of heating rate on morphology and structure of CoFe ₂ O ₄ nanofibers. <i>Materials Letters</i> , 2011 , 65, 3269-3271	3.3	30
149	Enhanced microwave absorption properties of Fe ₃ Al/Al ₂ O ₃ fine particle composites. <i>Journal Physics D: Applied Physics</i> , 2010 , 43, 115001	3	30
148	Two-dimensional periodic boundary conditions for demagnetization interactions in micromagnetics. <i>Computational Materials Science</i> , 2010 , 49, 84-87	3.2	30
147	Synthesis and characterization of nanocrystalline BaFe ₁₂ O ₁₉ obtained by using glucose as a fuel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007 , 456, 130-132	5.3	30
146	Enhanced microwave absorption of BaTiO ₃ -based ferroelectric/ferromagnetic nanocomposite. <i>Applied Surface Science</i> , 2012 , 258, 7556-7561	6.7	28
145	Control and manipulation of antiferromagnetic skyrmions in racetrack. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 505005	3	27
144	Micromagnetic simulation of the magnetic spectrum of ferromagnetic nanowire. <i>Journal of Applied Physics</i> , 2008 , 103, 013910	2.5	26
143	Skyrmion motion driven by the gradient of voltage-controlled magnetic anisotropy. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 458, 57-61	2.8	25
142	Electrospun porous CuFe ₂ O ₄ nanotubes on nickel foam for nonenzymatic voltammetric determination of glucose and hydrogen peroxide. <i>Journal of Alloys and Compounds</i> , 2018 , 739, 764-770	5.7	25
141	Improved field emission properties of carbon nanotubes decorated with Ta layer. <i>Carbon</i> , 2014 , 73, 114-124	10.4	23
140	Top-down control of dynamic anisotropy in permalloy thin films with stripe domains. <i>Journal Physics D: Applied Physics</i> , 2015 , 48, 465001	3	22
139	Skyrmion-based multi-channel racetrack. <i>Applied Physics Letters</i> , 2017 , 111, 192413	3.4	21

138	Improved coercivity and considerable saturation magnetization of cobalt ferrite (CoFe ₂ O ₄) nanoribbons synthesized by electrospinning. <i>Journal of Materials Science</i> , 2016 , 51, 885-892	4.3	20
137	Dependence of phase configurations, microstructures and magnetic properties of iron-nickel (Fe-Ni) alloy nanoribbons on deoxidization temperature in hydrogen. <i>Scientific Reports</i> , 2016 , 6, 37701	4.9	20
136	Microstructure and magnetic properties of iron nitride thin films. <i>Journal of Alloys and Compounds</i> , 2014 , 582, 398-402	5.7	20
135	Nonmetal sulfur-doped coral-like cobalt ferrite nanoparticles with enhanced magnetic properties. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 951-957	7.1	19
134	Characterization and magnetic properties of Fe _{1-x} Ni _x nanowire arrays. <i>Physical Review B</i> , 2005 , 72,	3.3	19
133	Investigation on the structure and dynamic magnetic properties of FeCo films with different thicknesses by vector network analyzer and electron spin resonance spectroscopy. <i>Journal of Alloys and Compounds</i> , 2016 , 688, 917-922	5.7	18
132	Effect of Zn substitution on morphology and magnetic properties of CuFe ₂ O ₄ nanofibers. <i>Materials Chemistry and Physics</i> , 2012 , 134, 1097-1101	4.4	18
131	Magnetic properties and microstructure investigation of electrodeposited FeNi/ITO films with different thickness. <i>Journal of Alloys and Compounds</i> , 2013 , 581, 66-70	5.7	18
130	Tailoring coercivity and magnetic anisotropy of Co nanowire arrays by microstructure. <i>Journal of Materials Science</i> , 2011 , 46, 7545-7550	4.3	18
129	Effect of inserting a non-metal C layer on the spin-orbit torque induced magnetization switching in Pt/Co/Ta structures with perpendicular magnetic anisotropy. <i>Applied Physics Letters</i> , 2017 , 110, 132407	3.4	17
128	Synthesis, microstructure and magnetic performance of FeCo alloy nanoribbons. <i>Materials Letters</i> , 2016 , 162, 176-179	3.3	16
127	Adjustable magnetic anisotropy and resonance frequency of patterned ferromagnetic films by laser etching. <i>Journal of Alloys and Compounds</i> , 2012 , 543, 197-199	5.7	16
126	Synthesis and characterization of LaFeO ₃ nano particles. <i>Journal of Materials Science Letters</i> , 2002 , 21, 1059-1062		16
125	Annealing influence on the exchange stiffness constant of Permalloy films with stripe domains. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 265002	3	15
124	Magnetic anisotropy and high-frequency property of flexible FeCoTa films obliquely deposited on a wrinkled topography. <i>Scientific Reports</i> , 2017 , 7, 2837	4.9	15
123	Controllable magnetic and magnetostrictive properties of FeGa films electrodeposited on curvature substrates. <i>Applied Physics A: Materials Science and Processing</i> , 2016 , 122, 1	2.6	15
122	Structural and magnetic properties of electrospun yttrium iron garnet (YIG) nanofibers. <i>Ceramics International</i> , 2017 , 43, 1236-1241	5.1	14
121	High-frequency electromagnetic properties of soft magnetic Y ₂ Fe ₁₇ N _x particles with easy-plane anisotropy. <i>Physica B: Condensed Matter</i> , 2015 , 477, 52-55	2.8	14

120	Synthesis and characterization of Fe/C core-shell nanoparticles. <i>Materials Letters</i> , 2012 , 88, 61-64	3.3	14
119	Robust SiO ₂ -modified CoFe ₂ O ₄ hollow nanofibers with flexible room temperature magnetic performance. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 12841-8	3.6	13
118	Tuning high frequency magnetic properties and damping of FeGa, FeGaN and FeGaB thin films. <i>AIP Advances</i> , 2017 , 7, 115009	1.5	13
117	Static property and current-driven precession of 2 π vortex in nano-disk with Dzyaloshinskii-Moriya interaction. <i>AIP Advances</i> , 2015 , 5, 087137	1.5	13
116	Microwave absorption properties of amorphous iron nanostructures fabricated by a high-yield method. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 135002	3	13
115	Abnormal coercivity dependence on the diameter of Co nanowires in anodic aluminium oxide templates. <i>Journal Physics D: Applied Physics</i> , 2009 , 42, 105002	3	13
114	Micromagnetic calculation of dynamic susceptibility in ferromagnetic nanorings. <i>Journal of Applied Physics</i> , 2009 , 105, 083908	2.5	13
113	Magnetic properties of permalloy films with different thicknesses deposited onto obliquely sputtered Cu underlayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 377, 142-146	2.8	12
112	High-frequency spin transfer nano-oscillator based on the motion of skyrmions in an annular groove. <i>New Journal of Physics</i> , 2020 , 22, 033001	2.9	12
111	Dynamics of a magnetic skyrmionium in an anisotropy gradient. <i>Applied Physics Express</i> , 2019 , 12, 083003	3.4	12
110	Thermo-electric effect in a nano-sized crossed Permalloy/Cu junction under high bias current. <i>Applied Physics Letters</i> , 2013 , 103, 132408	3.4	12
109	Synthesis, characterization and magnetic properties of NiFe _{2-x} Ce _x O ₄ nanoribbons by electrospinning. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 425, 37-42	2.8	12
108	Influence of saccharides chelating agent on particle size and magnetic properties of Co ₂ Z hexaferrite synthesized by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 60, 41-47	2.3	12
107	Thickness-dependent on the static magnetic properties and dynamic anisotropy of FeNi films with stripe domain structures. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 025001	3	12
106	Current-induced motion of twisted skyrmions. <i>Applied Physics Letters</i> , 2019 , 114, 192401	3.4	11
105	Magnetic properties of iron nitride films prepared by oblique sputtering under different nitrogen gas flow ratios (N ₂ /N ₂ +Ar). <i>Journal of Physics and Chemistry of Solids</i> , 2015 , 85, 13-17	3.9	11
104	Effect of Dzyaloshinskii-Moriya interaction on the magnetic vortex oscillator driven by spin-polarized current. <i>Journal of Applied Physics</i> , 2015 , 117, 17B720	2.5	11
103	Effect of substrate roughness on the magnetic properties of CoFeB films. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 461, 19-22	2.8	11

102	Field-tuned spin excitation spectrum of k_1 skyrmion. <i>New Journal of Physics</i> , 2019 , 21, 083006	2.9	11
101	Static magnetic and microwave absorption properties of FeCo/Al ₂ O ₃ composites synthesized by high-energy ball milling method. <i>Journal Physics D: Applied Physics</i> , 2014 , 47, 065001	3	11
100	Enhanced GMI effect in NiZn-ferrite-modified Fe-based amorphous ribbons. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 119, 1277-1281	2.6	10
99	Calculations of three-dimensional magnetic excitations in permalloy nanostructures with vortex state. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 2480-2484	2.8	10
98	Applied magnetic field angle dependence of the static and dynamic magnetic properties in FeCo films during the deposition. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 416, 208-212	2.8	10
97	A short-circuited coplanar waveguide to measure the permeability of magnetic thin films: Comparison with short-circuited microstrip line. <i>Review of Scientific Instruments</i> , 2015 , 86, 114705	1.7	9
96	Synthesis, nanostructure and magnetic properties of FeCo-reduced graphene oxide composite films by one-step electrodeposition. <i>Thin Solid Films</i> , 2015 , 597, 1-6	2.2	9
95	Spin-dependent Transport Properties of CrO Micro Rod. <i>Nano-Micro Letters</i> , 2014 , 6, 365-371	19.5	9
94	Designed synthesis and magnetic properties of Co hierarchical nanostructures. <i>Materials Letters</i> , 2011 , 65, 1312-1315	3.3	9
93	The microstructure and magnetic properties of Ni _{0.4} Zn _{0.6} Fe ₂ O ₄ films prepared by spin-coating method. <i>Journal of Sol-Gel Science and Technology</i> , 2011 , 58, 501-506	2.3	9
92	Large-scale synthesis of single-crystal alpha manganese sesquioxide nanowires via solid-state reaction. <i>Materials Letters</i> , 2009 , 63, 661-663	3.3	9
91	Tunable magnetic properties of heterogeneous nanobrush: from nanowire to nanofilm. <i>Nanoscale Research Letters</i> , 2010 , 5, 853-8	5	9
90	Structure and ⁵⁷ Fe conversion electron Mössbauer spectroscopy study of Mn-Zn ferrite nanocrystal thin films by electroless plating in aqueous solution. <i>Science Bulletin</i> , 2008 , 53, 321-328		9
89	Dynamics of skyrmion bags driven by the spin-orbit torque. <i>Applied Physics Letters</i> , 2020 , 117, 172404	3.4	8
88	Propagating and reflecting of spin wave in permalloy nanostrip with 360° domain wall. <i>Journal of Applied Physics</i> , 2014 , 115, 013908	2.5	8
87	Topological trajectories of a magnetic skyrmion with an in-plane microwave magnetic field. <i>Journal of Applied Physics</i> , 2017 , 122, 223901	2.5	8
86	Influence of tensile stress on giant magnetoimpedance effect of electroplated Ni _{1-x} Co _x /Cu composite wires. <i>Journal of Alloys and Compounds</i> , 2014 , 616, 426-429	5.7	8
85	Optimum electrodeposition conditions of FeCoZr films with in-plane uniaxial anisotropy for high frequency application. <i>Materials Chemistry and Physics</i> , 2012 , 137, 499-502	4.4	8

84	Low current density spin-transfer torque effect assisted by in-plane microwave field. <i>Applied Physics Letters</i> , 2011 , 99, 032502	3.4	8
83	Investigation on the structures and magnetic properties of carbon or nitrogen doped cobalt ferrite nanoparticles. <i>Scientific Reports</i> , 2018 , 8, 7916	4.9	8
82	Tuning the ferromagnetic resonance frequency of soft magnetic film by patterned permalloy micro-stripes with stripe-domain. <i>Journal of Magnetism and Magnetic Materials</i> , 2018 , 457, 46-51	2.8	7
81	Investigation into the microstructure and soft magnetic property of co-sputtering FeNiMgO nanogranular films. <i>Journal of Materials Science</i> , 2019 , 54, 14189-14196	4.3	7
80	Electrodeposition of FeCoCd films with in-plane uniaxial magnetic anisotropy for microwave applications. <i>Journal of Applied Physics</i> , 2014 , 115, 17A307	2.5	7
79	Enhanced magnetoimpedance effect of carbon fiber/Fe-based alloy coaxial composite by tensile stress. <i>Carbon</i> , 2015 , 93, 451-457	10.4	7
78	Enhanced giant magnetoimpedance in heterogeneous nanobrush. <i>Nanoscale Research Letters</i> , 2012 , 7, 506	5	7
77	Enhancement of damping in FeNiN film due to two-magnon scattering effect. <i>Applied Physics Letters</i> , 2018 , 113, 232402	3.4	7
76	Microwave-driven dynamic switching of the radial vortex in a nanodot by micromagnetic simulation. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 195001	3	6
75	Effect of the repeat number and Co layer thickness on the magnetization reversal process in [Pt/Co(x)]N multilayers. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 215001	3	6
74	Current-Induced Domain Wall Motion and Tilting in Perpendicularly Magnetized Racetracks. <i>Nanoscale Research Letters</i> , 2018 , 13, 238	5	6
73	Trochoidal antiskyrmion motion with microwave electric fields. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 435001	3	6
72	Current-induced collective motion of 180° and 360° domain walls in double nanowires system. <i>Journal of Magnetism and Magnetic Materials</i> , 2013 , 347, 124-130	2.8	6
71	Cycle rapid cooling treatment effect on the magnetic properties and giant magnetoimpedance properties of Co-based amorphous alloy ribbons. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 444, 198-205	2.8	6
70	Faster 360° domain wall motion in nanostrip induced by spin-polarized current with out-of-plane magnetic field. <i>Physica B: Condensed Matter</i> , 2012 , 407, 4584-4587	2.8	6
69	Magnetic moment distribution study of Fe antidot arrays. <i>Thin Solid Films</i> , 2007 , 515, 6967-6970	2.2	6
68	Micromagnetic simulation for detection of magnetic nanobeads by spin torque oscillator. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 432, 387-390	2.8	5
67	Optimization of magnetoimpedance effect in Co-based ribbon by laser patterning for sensor arrays application. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 045005	3	5

66	GMI field sensitivity near a zero external field in Co-based amorphous alloy ribbons: experiments and model. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 065006	3	5
65	Current-induced domain wall motion in nanostrip/nanobars system. <i>Japanese Journal of Applied Physics</i> , 2014 , 53, 073001	1.4	5
64	Tunable Static and High-Frequency Magnetic Properties of FeCo Films by an Applied Magnetic Field. <i>Science of Advanced Materials</i> , 2016 , 8, 1061-1065	2.3	5
63	A facile strategy for synthesis of spinel ferrite nano-granules and their potential applications. <i>RSC Advances</i> , 2016 , 6, 66795-66802	3.7	5
62	Rapid creation and reversal of skyrmion in spin-valve nanopillars. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 474, 472-476	2.8	5
61	Influence of the phases structure on the acoustic and optical modes ferromagnetic resonance of FeNi stripe domain films. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 475, 103-107	2.8	5
60	Static and dynamic magnetic properties of stripe-patterned Fe ₂₀ Ni ₈₀ soft magnetic films. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 045004	3	5
59	Estimating the In-Plane Magnetic Anisotropy and Saturation Magnetization of Magnetic Films. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-6	2	4
58	Understanding stripe domains in Permalloy films via the angular dependence of permeability spectra. <i>Journal of Magnetism and Magnetic Materials</i> , 2017 , 432, 245-249	2.8	4
57	Phase locking of moving magnetic vortices in bridge-coupled nanodisks. <i>Journal of Applied Physics</i> , 2015 , 117, 173907	2.5	4
56	Fabrication and characterization of FePt magnetic nanofibers via electrospinning technique. <i>Journal of Materials Science</i> , 2015 , 50, 7218-7226	4.3	4
55	Nano-oscillator based on radial vortex by overcoming the switching of core. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 195004	3	4
54	Interface interaction of Co atop Bepp2 with different substrate temperatures. <i>Applied Surface Science</i> , 2015 , 357, 1040-1045	6.7	4
53	Preparation and characterization of Ba ₂ Co ₂ Fe ₁₂ O ₂₂ ferrite via glucose sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 61, 39-43	2.3	4
52	The influence of magnetic heat treatment on morphology, structure, magnetic properties of Fe-Co-P alloy films. <i>Applied Physics A: Materials Science and Processing</i> , 2014 , 115, 359-363	2.6	4
51	In-plane anisotropy formation of Co thin film induced by FeMn covering layer. <i>Journal Physics D: Applied Physics</i> , 2008 , 41, 055002	3	4
50	Metastable magnetic bubble in [Co/Pd] ₄ /Py multilayers. <i>Journal Physics D: Applied Physics</i> , 2019 , 52, 065005	3	4
49	Current-driven radial vortex switching in a permalloy nanodisk. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 491, 165544	2.8	3

48	Enhanced magnetoimpedance effect in stratified graphene paper/FeNi film composited material. <i>Materials Letters</i> , 2014 , 114, 56-59	3.3	3
47	Method for analyzing the magnetic anisotropy in non-aligned Fe nanofibers via electrospinning. <i>Materials Letters</i> , 2012 , 82, 78-81	3.3	3
46	Interface coupling-induced enhancement of magnetoimpedance effect in heterogeneous nanobrush by adjusting textures of Co nanowires. <i>Nanoscale Research Letters</i> , 2013 , 8, 471	5	3
45	Morphology dependence of electron spin resonance investigation on structure controllable hollow La _{0.7} Sr _{0.3} MnO ₃ nanofibres. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 105001	3	3
44	Influence of substrate temperature on static and dynamic magnetic properties of FeNiN films. <i>Journal Physics D: Applied Physics</i> , 2017 , 50, 045002	3	2
43	Magnetic Properties and Microstructure Investigation of FeNi Films With Step-Height by Nano-MOKE. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	2
42	Dynamic response for Dzyaloshinskii-Moriya interaction on bubble-like magnetic solitons driven by spin-polarized current. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 195004	3	2
41	Joule heating and temperature effects on current-induced magnetization switching in perpendicularly magnetized Pt/Co/C structures. <i>Journal Physics D: Applied Physics</i> , 2018 , 51, 265003	3	2
40	High frequency properties of [Co/Pd] _n /Py multilayer films under different temperatures. <i>Journal of Applied Physics</i> , 2019 , 126, 053901	2.5	2
39	The Influence of Impurities on Electroplated FeCoZr High Frequency Properties through Thiourea Containing Electrolyte. <i>Journal of the Electrochemical Society</i> , 2012 , 159, H842-H845	3.9	2
38	Fast magnetization switching by linear vertical microwave-assisted spin-transfer torque. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 7460-3	1.3	2
37	Specific heat of spin-one-half frustrated Heisenberg ladder. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001 , 283, 249-256	2.3	2
36	The unusual double-shifted magnetization curves in an exchange-biased perpendicular Co/IrMn system. <i>Applied Physics Letters</i> , 2021 , 118, 242401	3.4	2
35	Current-induced 360° domain wall motion with Dzyaloshinskii-Moriya interaction. <i>Journal Physics D: Applied Physics</i> , 2016 , 49, 175005	3	2
34	Elaboration and photocatalytic properties of CoFe ₂ O ₄ /TiO ₂ composite nanowires with the side-by-side structure. <i>Materials Research Bulletin</i> , 2021 , 141, 111354	5.1	2
33	The Temperature-Dependent Microstructure and Magnetic Parameters of FeCo Films. <i>Journal of the Electrochemical Society</i> , 2017 , 164, D154-D158	3.9	1
32	Ferromagnetic resonance property in the magnetic heterostructure with Fe nanowire arrays and Fe ₂₅ Ni ₇₅ film. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 485, 151-156	2.8	1
31	Spin current pumped by confined breathing skyrmion. <i>New Journal of Physics</i> , 2020 , 22, 053029	2.9	1

30	Investigation of 2D isolated skyrmion pinning using exchange bias. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 205801	1.8	1
29	Radio Frequency Mixer Based on Magnetic Skyrmion. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020 , 14, 2000249	2.5	1
28	Giant Magnetoimpedance Effect Modified by Transverse Shape Anisotropy in Fe-Based Amorphous Ribbon. <i>IEEE Transactions on Magnetics</i> , 2020 , 56, 1-5	2	1
27	Magnetic properties of isolated skyrmion under the in-plane magnetic field and anisotropy gradient. <i>Journal of Applied Physics</i> , 2019 , 126, 063904	2.5	1
26	Phase locking of vortex cores in two coupled magnetic nanopillars. <i>AIP Advances</i> , 2014 , 4, 117130	1.5	1
25	Large-scale preparation of ZnO nanoflowers from nanowires with high length/diameter ratio. <i>Materials Letters</i> , 2012 , 84, 66-68	3.3	1
24	Tuning giant magnetoimpedance response of Fe _{75.5} Si _{13.5} B ₇ Nb ₃ Cu ₁ amorphous ribbon by laser ablation. <i>Journal of Magnetism and Magnetic Materials</i> , 2012 , 324, 3189-3192	2.8	1
23	Enhanced field emission of amorphous Al ₃ submicrometre thorns. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 455104	3	1
22	A novel fabrication method of magnetic Co/Ni _{0.4} Zn _{0.6} Fe ₂ O ₄ coaxial nanocables. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 2472-6	1.3	1
21	Spin eigenmodes of skyrmion bags. <i>Journal Physics D: Applied Physics</i> , 2022 , 55, 185001	3	1
20	Magnetic skyrmion shape manipulation by perpendicular magnetic anisotropy excitation within geometrically confined nanostructures. <i>Journal of Magnetism and Magnetic Materials</i> , 2022 , 545, 168775	2.8	1
19	Preparation and influence of pH on the dynamic magnetic property of magnetic FeCoC films. <i>Materials Chemistry and Physics</i> , 2016 , 177, 236-241	4.4	1
18	Influence of Deposition Cycle and Magnetic Annealing on High-Frequency Magnetic Properties of the [Co ₉₀ Fe ₁₀ /Ta] _n Multilayer Thin Films. <i>IEEE Transactions on Magnetics</i> , 2018 , 54, 1-7	2	1
17	Static and Dynamic Properties of Nanowire/Permalloy Composite Films. <i>IEEE Magnetics Letters</i> , 2017 , 8, 1-5	1.6	0
16	Effect of stripe domains on magnetization reversal and domain wall motion-like boundary expansion of the stripe domain region. <i>Journal Physics D: Applied Physics</i> , 2020 , 53, 285001	3	0
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13	Static and dynamic magnetic properties of Fe ₂₀ Ni ₈₀ and Co ₂₀ Fe ₆₀ B ₂₀ material-modulated stripe-patterned thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 497, 166008	2.8	0

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