

# Jianbo Wang

## List of Publications by Year in descending order

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177  
papers

3,782  
citations

147566

31  
h-index

161609

54  
g-index

182  
all docs

182  
docs citations

182  
times ranked

4047  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced microwave absorption of Fe nanoflakes after coating with SiO <sub>2</sub> nanoshell. Nanotechnology, 2010, 21, 095708.	1.3	243
2	Magnetic properties of ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles produced by a low-temperature solid-state reaction method. Journal of Magnetism and Magnetic Materials, 2007, 309, 295-299.	1.0	194
3	Attractive microwave absorption and the impedance match effect in zinc oxide and carbonyl iron composite. Physica B: Condensed Matter, 2011, 406, 4620-4624.	1.3	182
4	Synthesis and microwave absorption properties of Fe@C nanofibers by electrospinning with dispersed Fe nanoparticles parceled by carbon. Carbon, 2014, 74, 312-318.	5.4	180
5	Current-induced magnetic skyrmions oscillator. New Journal of Physics, 2015, 17, 023061.	1.2	149
6	High saturation magnetization of <sup>57</sup> Fe-Fe <sub>2</sub> O <sub>3</sub> nano-particles by a facile one-step synthesis approach. Scientific Reports, 2016, 6, 32360.	1.6	125
7	Dynamics of antiferromagnetic skyrmion driven by the spin Hall effect. Applied Physics Letters, 2016, 109, .	1.5	111
8	Microwave permeability spectra of flake-shaped FeCuNbSiB particle composites. Journal of Applied Physics, 2008, 103, .	1.1	98
9	Microwave absorption properties of the Ni nanowires composite. Journal Physics D: Applied Physics, 2008, 41, 235005.	1.3	82
10	Efficient photocatalytic degradation of acid fuchsin in aqueous solution using separate porous tetragonal-CuFe <sub>2</sub> O <sub>4</sub> nanotubes. Journal of Hazardous Materials, 2015, 284, 163-170.	6.5	76
11	Microwave absorption properties of the hierarchically branched Ni nanowire composites. Journal of Applied Physics, 2009, 105, .	1.1	75
12	Analyses on multiple resonance behaviors and microwave reflection loss in magnetic Co microflowers. Physica Status Solidi (B): Basic Research, 2012, 249, 575-580.	0.7	69
13	Width-controlled M-type hexagonal strontium ferrite (SrFe <sub>12</sub> O <sub>19</sub> ) nanoribbons with high saturation magnetization and superior coercivity synthesized by electrospinning. Scientific Reports, 2015, 5, 15089.	1.6	65
14	An induction method to calculate the complex permeability of soft magnetic films without a reference sample. Review of Scientific Instruments, 2014, 85, 054705.	0.6	59
15	Array of Synchronized Nano-Oscillators Based on Repulsion between Domain Wall and Skyrmion. Physical Review Applied, 2018, 9, .	1.5	55
16	Static and high frequency magnetic properties of FeGa thin films deposited on convex flexible substrates. Applied Physics Letters, 2015, 106, .	1.5	52
17	Microwave absorption of electroless Ni@Co@P-coated SiO <sub>2</sub> powder. Applied Surface Science, 2009, 255, 6629-6633.	3.1	51
18	Influence of crystal orientation on magnetic properties of hcp Co nanowire arrays. Journal Physics D: Applied Physics, 2009, 42, 095005.	1.3	46

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19	Improved magnetic properties of SrFe <sub>12</sub> O <sub>19</sub> /FeCo core-shell nanofibers by hard/soft magnetic exchange-coupling effect. <i>Materials Letters</i> , 2014, 120, 9-12.	1.3	46
20	Skyrmion motion driven by the gradient of voltage-controlled magnetic anisotropy. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 458, 57-61.	1.0	45
21	Hierarchical SrTiO <sub>3</sub> /NiFe <sub>2</sub> O <sub>4</sub> composite nanostructures with excellent light response and magnetic performance synthesized toward enhanced photocatalytic activity. <i>Nanoscale</i> , 2015, 7, 14738-14746.	2.8	42
22	Tunable resonance frequency of FeNi films by oblique sputtering. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 2899-2901.	1.0	40
23	A novel method to fabricate CoFe <sub>2</sub> O <sub>4</sub> /SrFe <sub>12</sub> O <sub>19</sub> composite ferrite nanofibers with enhanced exchange coupling effect. <i>Nanoscale Research Letters</i> , 2015, 10, 131.	3.1	40
24	Broadband and thin microwave absorber of nickel-zinc ferrite/carbonyl iron composite. <i>Journal of Alloys and Compounds</i> , 2009, 487, 708-711.	2.8	39
25	Effect of heating rate on morphology and structure of CoFe <sub>2</sub> O <sub>4</sub> nanofibers. <i>Materials Letters</i> , 2011, 65, 3269-3271.	1.3	38
26	Enhanced microwave absorption of BaTiO <sub>3</sub> -based ferroelectric/ferromagnetic nanocomposite. <i>Applied Surface Science</i> , 2012, 258, 7556-7561.	3.1	37
27	Control and manipulation of antiferromagnetic skyrmions in racetrack. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 505005.	1.3	37
28	Two-dimensional periodic boundary conditions for demagnetization interactions in micromagnetics. <i>Computational Materials Science</i> , 2010, 49, 84-87.	1.4	35
29	Enhanced microwave absorption properties of Fe <sub>3</sub> Al/Al <sub>2</sub> O <sub>3</sub> fine particle composites. <i>Journal Physics D: Applied Physics</i> , 2010, 43, 115001.	1.3	34
30	Electrospun porous CuFe <sub>2</sub> O <sub>4</sub> nanotubes on nickel foam for nonenzymatic voltammetric determination of glucose and hydrogen peroxide. <i>Journal of Alloys and Compounds</i> , 2018, 739, 764-770.	2.8	33
31	Synthesis and characterization of nanocrystalline BaFe <sub>12</sub> O <sub>19</sub> obtained by using glucose as a fuel. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2007, 456, 130-132.	2.6	32
32	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.	1.6	31
33	Skyrmion-based multi-channel racetrack. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	30
34	Micromagnetic simulation of the magnetic spectrum of ferromagnetic nanowire. <i>Journal of Applied Physics</i> , 2008, 103, 013910.	1.1	27
35	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.	2.8	27
36	Magnetic properties and microstructure investigation of electrodeposited FeNi/ITO films with different thickness. <i>Journal of Alloys and Compounds</i> , 2013, 581, 66-70.	2.8	26

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37	Improved field emission properties of carbon nanotubes decorated with Ta layer. Carbon, 2014, 73, 114-124.	5.4	26
38	Top-down control of dynamic anisotropy in permalloy thin films with stripe domains. Journal Physics D: Applied Physics, 2015, 48, 465001.	1.3	26
39	High-frequency spin transfer nano-oscillator based on the motion of skyrmions in an annular groove. New Journal of Physics, 2020, 22, 033001.	1.2	25
40	Nonmetal sulfur-doped coral-like cobalt ferrite nanoparticles with enhanced magnetic properties. Journal of Materials Chemistry C, 2016, 4, 951-957.	2.7	24
41	High-frequency electromagnetic properties of soft magnetic Y <sub>2</sub> Fe <sub>17</sub> N <sub>x</sub> particles with easy-plane anisotropy. Physica B: Condensed Matter, 2015, 477, 52-55.	1.3	23
42	Magnetic anisotropy and high-frequency property of flexible FeCoTa films obliquely deposited on a wrinkled topography. Scientific Reports, 2017, 7, 2837.	1.6	23
43	Effect of Zn substitution on morphology and magnetic properties of CuFe <sub>2</sub> O <sub>4</sub> nanofibers. Materials Chemistry and Physics, 2012, 134, 1097-1101.	2.0	22
44	Synthesis, microstructure and magnetic performance of FeCo alloy nanoribbons. Materials Letters, 2016, 162, 176-179.	1.3	21
45	Improved coercivity and considerable saturation magnetization of cobalt ferrite (CoFe <sub>2</sub> O <sub>4</sub> ) nanoribbons synthesized by electrospinning. Journal of Materials Science, 2016, 51, 885-892.	1.7	21
46	Tailoring coercivity and magnetic anisotropy of Co nanowire arrays by microstructure. Journal of Materials Science, 2011, 46, 7545-7550.	1.7	20
47	Microstructure and magnetic properties of iron nitride thin films. Journal of Alloys and Compounds, 2014, 582, 398-402.	2.8	20
48	Annealing influence on the exchange stiffness constant of Permalloy films with stripe domains. Journal Physics D: Applied Physics, 2016, 49, 265002.	1.3	20
49	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. Applied Physics Letters, 2017, 110, .	1.5	20
50	Field-tuned spin excitation spectrum of $\kappa$ skyrmion. New Journal of Physics, 2019, 21, 083006.	1.2	20
51	Synthesis and characterization of LaFeO <sub>3</sub> nano particles. Journal of Materials Science Letters, 2002, 21, 1059-1062.	0.5	19
52	Characterization and magnetic properties of Fe <sub>1-x</sub> Ni <sub>x</sub> nanowire arrays. Physical Review B, 2005, 72, .	1.1	19
53	Tuning high frequency magnetic properties and damping of FeGa, FeGaN and FeGaB thin films. AIP Advances, 2017, 7, .	0.6	19
54	Adjustable magnetic anisotropy and resonance frequency of patterned ferromagnetic films by laser etching. Journal of Alloys and Compounds, 2012, 543, 197-199.	2.8	18

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55	Controllable magnetic and magnetostrictive properties of FeGa films electrodeposited on curvature substrates. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	1.1	18
56	Dynamics of a magnetic skyrmionium in an anisotropy gradient. Applied Physics Express, 2019, 12, 083003.	1.1	18
57	Current-induced motion of twisted skyrmions. Applied Physics Letters, 2019, 114, .	1.5	18
58	Static property and current-driven precession of 2 $\pi$ -vortex in nano-disk with Dzyaloshinskii-Moriya interaction. AIP Advances, 2015, 5, .	0.6	17
59	Magnetic properties of permalloy films with different thicknesses deposited onto obliquely sputtered Cu underlayers. Journal of Magnetism and Magnetic Materials, 2015, 377, 142-146.	1.0	17
60	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.	1.3	17
61	Synthesis and characterization of Fe/C core-shell nanoparticles. Materials Letters, 2012, 88, 61-64.	1.3	16
62	Effect of Dzyaloshinskii-Moriya interaction on the magnetic vortex oscillator driven by spin-polarized current. Journal of Applied Physics, 2015, 117, .	1.1	16
63	Dynamics of skyrmion bags driven by the spin-orbit torque. Applied Physics Letters, 2020, 117, .	1.5	16
64	Micromagnetic calculation of dynamic susceptibility in ferromagnetic nanorings. Journal of Applied Physics, 2009, 105, .	1.1	15
65	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.	0.6	15
66	Robust SiO <sub>2</sub> -modified CoFe <sub>2</sub> O <sub>4</sub> hollow nanofibers with flexible room temperature magnetic performance. Physical Chemistry Chemical Physics, 2015, 17, 12841-12848.	1.3	15
67	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.	1.0	15
68	Synthesis, characterization and magnetic properties of NiFe <sub>2-x</sub> Ce <sub>x</sub> O <sub>4</sub> nanoribbons by electrospinning. Journal of Magnetism and Magnetic Materials, 2017, 425, 37-42.	1.0	15
69	Investigation on the structures and magnetic properties of carbon or nitrogen doped cobalt ferrite nanoparticles. Scientific Reports, 2018, 8, 7916.	1.6	15
70	Microwave absorption properties of amorphous iron nanostructures fabricated by a high-yield method. Journal Physics D: Applied Physics, 2013, 46, 135002.	1.3	14
71	Spin-dependent Transport Properties of CrO <sub>2</sub> Micro Rod. Nano-Micro Letters, 2014, 6, 365-371.	14.4	14
72	Static magnetic and microwave absorption properties of FeCo/Al <sub>2</sub> O <sub>3</sub> composites synthesized by high-energy ball milling method. Journal Physics D: Applied Physics, 2014, 47, 065001.	1.3	14

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73	Structural and magnetic properties of electrospun yttrium iron garnet (YIG) nanofibers. <i>Ceramics International</i> , 2017, 43, 1236-1241.	2.3	14
74	Abnormal coercivity dependence on the diameter of Co nanowires in anodic aluminium oxide templates. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 105002.	1.3	13
75	Thermo-electric effect in a nano-sized crossed Permalloy/Cu junction under high bias current. <i>Applied Physics Letters</i> , 2013, 103, 132408.	1.5	13
76	Electrodeposition of FeCoCd films with in-plane uniaxial magnetic anisotropy for microwave applications. <i>Journal of Applied Physics</i> , 2014, 115, 17A307.	1.1	13
77	Enhanced GMI effect in NiZn-ferrite-modified Fe-based amorphous ribbons. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 119, 1277-1281.	1.1	13
78	The microstructure and magnetic properties of Ni <sub>0.4</sub> Zn <sub>0.6</sub> Fe <sub>2</sub> O <sub>4</sub> films prepared by spin-coating method. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 58, 501-506.	1.1	12
79	Influence of saccharides chelating agent on particle size and magnetic properties of Co <sub>2</sub> Z hexaferrite synthesized by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2011, 60, 41-47.	1.1	12
80	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.	0.8	12
81	Effect of substrate roughness on the magnetic properties of CoFeB films. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 461, 19-22.	1.0	12
82	Large-scale synthesis of single-crystal alpha manganese sesquioxide nanowires via solid-state reaction. <i>Materials Letters</i> , 2009, 63, 661-663.	1.3	11
83	Calculations of three-dimensional magnetic excitations in permalloy nanostructures with vortex state. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2480-2484.	1.0	11
84	Influence of tensile stress on giant magnetoimpedance effect of electroplated Ni <sup>1</sup> Co/Cu composite wires. <i>Journal of Alloys and Compounds</i> , 2014, 616, 426-429.	2.8	11
85	Magnetic properties of iron nitride films prepared by oblique sputtering under different nitrogen gas flow ratios (N <sub>2</sub> /N <sub>2</sub> +Ar). <i>Journal of Physics and Chemistry of Solids</i> , 2015, 85, 13-17.	1.9	11
86	Topological trajectories of a magnetic skyrmion with an in-plane microwave magnetic field. <i>Journal of Applied Physics</i> , 2017, 122, .	1.1	11
87	Tuning the ferromagnetic resonance frequency of soft magnetic film by patterned permalloy micro-strips with stripe-domain. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 457, 46-51.	1.0	11
88	Current-Induced Domain Wall Motion and Tilting in Perpendicularly Magnetized Racetracks. <i>Nanoscale Research Letters</i> , 2018, 13, 238.	3.1	11
89	Tunable Magnetic Properties of Heterogeneous Nanobrush: From Nanowire to Nanofilm. <i>Nanoscale Research Letters</i> , 2010, 5, 853-858.	3.1	10
90	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.	2.0	10

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91	A facile strategy for synthesis of spinel ferrite nano-granules and their potential applications. RSC Advances, 2016, 6, 66795-66802.	1.7	10
92	Optimization of magnetoimpedance effect in Co-based ribbon by laser patterning for sensor arrays application. Journal Physics D: Applied Physics, 2018, 51, 045005.	1.3	10
93	Magnetic skyrmion shape manipulation by perpendicular magnetic anisotropy excitation within geometrically confined nanostructures. Journal of Magnetism and Magnetic Materials, 2022, 545, 168775.	1.0	10
94	Structure and $^{57}\text{Fe}$ conversion electron Mössbauer spectroscopy study of Mn-Zn ferrite nanocrystal thin films by electroless plating in aqueous solution. Science Bulletin, 2008, 53, 321-328.	1.7	9
95	Designed synthesis and magnetic properties of Co hierarchical nanostructures. Materials Letters, 2011, 65, 1312-1315.	1.3	9
96	Investigation into the microstructure and soft magnetic property of co-sputtering FeNi/MgO nanogranular films. Journal of Materials Science, 2019, 54, 14189-14196.	1.7	9
97	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.	1.3	9
98	Low current density spin-transfer torque effect assisted by in-plane microwave field. Applied Physics Letters, 2011, 99, 032502.	1.5	8
99	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.	1.1	8
100	Propagating and reflecting of spin wave in permalloy nanostrip with $360^\circ$ domain wall. Journal of Applied Physics, 2014, 115, 013908.	1.1	8
101	Enhanced magnetoimpedance effect of carbon fiber/Fe-based alloy coaxial composite by tensile stress. Carbon, 2015, 93, 451-457.	5.4	8
102	Static and dynamic magnetic properties of stripe-patterned $\text{Fe}_{20}\text{Ni}_{80}$ soft magnetic films. Journal Physics D: Applied Physics, 2018, 51, 045004.	1.3	8
103	Enhancement of damping in FeNi film due to two-magnon scattering effect. Applied Physics Letters, 2018, 113, .	1.5	8
104	Joule heating and temperature effects on current-induced magnetization switching in perpendicularly magnetized Pt/Co/C structures. Journal Physics D: Applied Physics, 2018, 51, 265003.	1.3	8
105	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.	1.0	8
106	Enhanced giant magnetoimpedance in heterogeneous nanobrush. Nanoscale Research Letters, 2012, 7, 506.	3.1	7
107	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.	1.3	7
108	Microwave-driven dynamic switching of the radial vortex in a nanodot by micromagnetic simulation. Journal Physics D: Applied Physics, 2019, 52, 195001.	1.3	7

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109	Elaboration and photocatalytic properties of CoFe <sub>2</sub> O <sub>4</sub> /TiO <sub>2</sub> composite nanowires with the side-by-side structure. <i>Materials Research Bulletin</i> , 2021, 141, 111354.	2.7	7
110	Magnetic moment distribution study of Fe antidot arrays. <i>Thin Solid Films</i> , 2007, 515, 6967-6970.	0.8	6
111	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.	1.3	6
112	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.	1.0	6
113	Micromagnetic simulation for detection of magnetic nanobeads by spin torque oscillator. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 432, 387-390.	1.0	6
114	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.	1.0	6
115	Trochoidal antiskyrmion motion with microwave electric fields. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 435001.	1.3	6
116	Rapid creation and reversal of skyrmion in spin-valve nanopillars. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 472-476.	1.0	6
117	Nano-oscillator based on radial vortex by overcoming the switching of core. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 195004.	1.3	6
118	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.	0.1	6
119	Spin eigenmodes of skyrmion bags. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 185001.	1.3	6
120	Current-induced domain wall motion in nanostrip/nanobars system. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 073001.	0.8	5
121	Phase locking of moving magnetic vortices in bridge-coupled nanodisks. <i>Journal of Applied Physics</i> , 2015, 117, 173907.	1.1	5
122	Estimating the In-Plane Magnetic Anisotropy and Saturation Magnetization of Magnetic Films. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-6.	1.2	5
123	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.	1.0	5
124	Metastable magnetic bubble in [Co/Pd] <sub>4</sub> /Py multilayers. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 065005.	1.3	5
125	The unusual double-shifted magnetization curves in an exchange-biased perpendicular Co/IrMn system. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	5
126	In-plane anisotropy formation of Co thin film induced by FeMn covering layer. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 055002.	1.3	4



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127	The Influence of Impurities on Electroplated FeCoZr High Frequency Properties through Thiourea Containing Electrolyte. Journal of the Electrochemical Society, 2012, 159, H842-H845.	1.3	4
128	Method for analyzing the magnetic anisotropy in non-aligned Fe nanofibers via electrospinning. Materials Letters, 2012, 82, 78-81.	1.3	4
129	Preparation and characterization of Ba <sub>2</sub> Co <sub>2</sub> Fe <sub>12</sub> O <sub>22</sub> ferrite via glucose sol-gel method. Journal of Sol-Gel Science and Technology, 2012, 61, 39-43.	1.1	4
130	Interface coupling-induced enhancement of magnetoimpedance effect in heterogeneous nanobrush by adjusting textures of Co nanowires. Nanoscale Research Letters, 2013, 8, 471.	3.1	4
131	Interface interaction of Co atop Bepp2 with different substrate temperatures. Applied Surface Science, 2015, 357, 1040-1045.	3.1	4
132	Fabrication and characterization of FePt magnetic nanofibers via electrospinning technique. Journal of Materials Science, 2015, 50, 7218-7226.	1.7	4
133	Dynamic response for Dzyaloshinskii-Moriya interaction on bubble-like magnetic solitons driven by spin-polarized current. Journal Physics D: Applied Physics, 2016, 49, 195004.	1.3	4
134	Current-driven radial vortex switching in a permalloy nanodisk. Journal of Magnetism and Magnetic Materials, 2019, 491, 165544.	1.0	4
135	Microwave excitations and hysteretic magnetization dynamics of stripe domain films. Journal of Magnetism and Magnetic Materials, 2022, 547, 168939.	1.0	4
136	Fast Magnetization Switching by Linear Vertical Microwave-Assisted Spin-Transfer Torque. Journal of Nanoscience and Nanotechnology, 2012, 12, 7460-7463.	0.9	3
137	Morphology dependence of electron spin resonance investigation on structure controllable hollow La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> nanofibres. Journal Physics D: Applied Physics, 2013, 46, 105001.	1.3	3
138	Enhanced magnetoimpedance effect in stratified graphene paper/FeNi film composited material. Materials Letters, 2014, 114, 56-59.	1.3	3
139	Current-induced 360° domain wall motion with Dzyaloshinskii-Moriya interaction. Journal Physics D: Applied Physics, 2016, 49, 175005.	1.3	3
140	Influence of substrate temperature on static and dynamic magnetic properties of FeNiN films. Journal Physics D: Applied Physics, 2017, 50, 045002.	1.3	3
141	High frequency properties of [Co/Pd] <sub>n</sub> /Py multilayer films under different temperatures. Journal of Applied Physics, 2019, 126, 053901.	1.1	3
142	The skyrmion bags in an anisotropy gradient. Journal of Physics Condensed Matter, 2022, 34, 395801.	0.7	3
143	Specific heat of spin-one-half frustrated Heisenberg ladder. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 283, 249-256.	0.9	2
144	Tuning giant magnetoimpedance response of Fe <sub>75.5</sub> Si <sub>13.5</sub> B <sub>7</sub> Nb <sub>3</sub> Cu <sub>1</sub> amorphous ribbon by laser ablation. Journal of Magnetism and Magnetic Materials, 2012, 324, 3189-3192.	1.0	2

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145	Magnetic Properties and Microstructure Investigation of FeNi Films With Step-Height by Nano-MOKE. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	2
146	Preparation and influence of pH on the dynamic magnetic property of magnetic FeCoC films. Materials Chemistry and Physics, 2016, 177, 236-241.	2.0	2
147	Influence of Deposition Cycle and Magnetic Annealing on High-Frequency Magnetic Properties of the [Co <sub>90</sub> Fe <sub>10</sub> /Ta] <i>n</i> Multilayer Thin Films. IEEE Transactions on Magnetics, 2018, 54, 1-7.	1.2	2
148	Static and dynamic magnetic properties of Fe <sub>20</sub> Ni <sub>80</sub> and Co <sub>20</sub> Fe <sub>60</sub> B <sub>20</sub> material-modulated stripe-patterned thin films. Journal of Magnetism and Magnetic Materials, 2020, 497, 166008.	1.0	2
149	Spin current pumped by confined breathing skyrmion. New Journal of Physics, 2020, 22, 053029.	1.2	2
150	Investigation of 2 <i>l</i> isolated skyrmion pinning using exchange bias. Journal of Physics Condensed Matter, 2020, 32, 205801.	0.7	2
151	Radio Frequency Mixer Based on Magnetic Skyrmion. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000249.	1.2	2
152	Giant Magnetoimpedance Effect Modified by Transverse Shape Anisotropy in Fe-Based Amorphous Ribbon. IEEE Transactions on Magnetics, 2020, 56, 1-5.	1.2	2
153	Pinning and rotation of a skyrmion in Co nanodisk with nanoengineered point and ring defects. Journal of Physics Condensed Matter, 2021, , .	0.7	2
154	Angular dependence of spin wave resonance in FeNi/MgO granular film. Applied Physics Letters, 2021, 118, .	1.5	2
155	Giant magneto-impedance effect adjusted by electrolytic polishing and thinning of Co-based amorphous ribbons. Journal Physics D: Applied Physics, 0, , .	1.3	2
156	Annealing enhanced ferromagnetic resonance of thickness-dependent FeGa films. Applied Physics Letters, 2022, 120, 202402.	1.5	2
157	A Novel Fabrication Method of Magnetic Co/Ni <sub>0.4</sub> Zn <sub>0.6</sub> Fe <sub>2</sub> O <sub>4</sub> Coaxial Nanocables. Journal of Nanoscience and Nanotechnology, 2012, 12, 2472-2476.	0.9	1
158	Large-scale preparation of ZnO nanoflowers from nanowires with high length/diameter ratio. Materials Letters, 2012, 84, 66-68.	1.3	1
159	Enhanced field emission of amorphous Alq <sub>3</sub> submicrometre thorns. Journal Physics D: Applied Physics, 2013, 46, 455104.	1.3	1
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