

# Wei Liu

## List of Publications by Year in descending order

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129  
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citations

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all docs

129  
docs citations

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times ranked

1782  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exchange Coupling and Remanence Enhancement in Nanocomposite Multilayer Magnets. <i>Advanced Materials</i> , 2002, 14, 1832-1834.	11.1	114
2	High-Mobility Spin-Polarized Two-Dimensional Electron Gases at $\text{EuO}/\text{KTaO}_3$ Interfaces. <i>Physical Review Letters</i> , 2018, 121, 116803.	2.9	79
3	Dependence of magnetic properties on grain size of $\text{f}_{\pm}\text{-Fe}$ in nanocomposite $(\text{Nd}, \text{Dy})(\text{Fe}, \text{Co}, \text{Nb}, \text{Sb})_{5.5}\text{f}_{\pm}\text{-Fe}$ magnets. <i>Applied Physics Letters</i> , 1999, 74, 1740-1742.	1.5	73
4	Metastable phases in rare-earth permanent-magnet materials. <i>Journal Physics D: Applied Physics</i> , 2000, 33, R217-R246.	1.3	62
5	Interfacial oxygen-octahedral-tilting-driven electrically tunable topological Hall effect in ultrathin $\text{SrRuO}_3$ films. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 404001.	1.3	51
6	Structure and magnetic properties of boron-oxide-coated Fe(B) nanocapsules prepared by arc discharge in diborane. <i>Physical Review B</i> , 2001, 64, .	1.1	49
7	Magnetostriction and anisotropy compensation in $\text{TbxDy}_{1-x}\text{Pr}_{0.3}(\text{Fe}_{0.9}\text{B}_{0.1})_{1.93}$ alloys. <i>Applied Physics Letters</i> , 2004, 84, 562-564.	1.5	49
8	Direct experimental evidence for anisotropy compensation between $\text{Dy}^{3+}$ and $\text{Pr}^{3+}$ ions. <i>Applied Physics Letters</i> , 2006, 89, 122506.	1.5	47
9	Rotation alignment for measuring easy-plane magnetic anisotropy. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 109, 59-63.	1.0	37
10	Anisotropic behavior of exchange coupling in textured $\text{Nd}_2\text{Fe}_{14}\text{B}/\text{f}_{\pm}\text{-Fe}$ multilayer films. <i>Journal of Applied Physics</i> , 2008, 104, 053903.	1.1	37
11	Magnetic properties of nickel hydroxide nanoparticles. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	35
12	The origin of large overestimation of the magnetic entropy changes calculated directly by Maxwell relation. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	35
13	Exchange bias and its training effect in Ni/NiO nanocomposites. <i>Journal of Alloys and Compounds</i> , 2010, 497, 10-13.	2.8	33
14	Oxygen vacancy formation, crystal structures, and magnetic properties of three $\text{SrMnO}_3$ films. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	32
15	Oxygen-Valve Formed in Cobaltite-Based Heterostructures by Ionic Liquid and Ferroelectric Dual-Gating. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 19584-19595.	4.0	30
16	Nd - Fe - (C, B) permanent magnets made by mechanical alloying and subsequent annealing. <i>Journal of Physics Condensed Matter</i> , 1996, 8, 11231-11242.	0.7	29
17	Coercivity mechanism of anisotropic $\text{Pr}_2\text{Fe}_{14}\text{B}$ thin films with perpendicular texture. <i>Physical Review B</i> , 2005, 72, .	1.1	29
18	Synthesis of a new type of GdAl <sub>2</sub> nanocapsule with a large cryogenic magnetocaloric effect and novel coral-like aggregates self-assembled by nanocapsules. <i>Nanotechnology</i> , 2006, 17, 5406-5411.	1.3	29

#	ARTICLE	IF	CITATIONS
19	Exchange bias and phase transformation in $\text{Fe}_2\text{O}_3/\text{Fe}_3\text{O}_4$ nanocomposites. <i>Journal of Alloys and Compounds</i> , 2009, 475, 42-45.	2.8	26
20	Giant reversible magnetocaloric effect in cobalt hydroxide nanoparticles. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	25
21	Magnetocaloric effects and reduced thermal hysteresis in Si-doped MnAs compounds. <i>Journal of Alloys and Compounds</i> , 2009, 479, 189-192.	2.8	25
22	Exchange couplings in magnetic films. <i>Chinese Physics B</i> , 2013, 22, 027104.	0.7	25
23	High Pr-content $(\text{Tb}_{0.2}\text{Pr}_{0.8})(\text{Fe}_{0.4}\text{Co}_{0.6})_{1.93-x}\text{B}_x$ magnetostrictive alloys. <i>Applied Physics Letters</i> , 2005, 87, 082506.	1.5	24
24	Structure, phase transformation and magnetic properties of Nd-Fe-C alloys made by mechanical alloying and subsequent annealing. <i>Journal of Alloys and Compounds</i> , 1998, 267, 215-223.	2.8	22
25	Emerging opportunities for voltage-driven magneto-ionic control in ferroic heterostructures. <i>APL Materials</i> , 2021, 9, .	2.2	22
26	Effect of boron on structure and magnetic properties of magnetostrictive compound $\text{Dy}_{0.7}\text{Pr}_{0.3}\text{Fe}_2$ . <i>Journal of Applied Physics</i> , 2002, 91, 8207.	1.1	21
27	Effects of buffer layer and substrate temperature on the surface morphology, the domain structure and magnetic properties of c-axis-oriented $\text{Nd}_2\text{Fe}_{14}\text{B}$ films. <i>Journal of Applied Physics</i> , 2005, 98, 033907.	1.1	21
28	Exchange bias and its thermal stability in ferromagnetic/antiferromagnetic antidot arrays. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	20
29	Structure and magnetic properties of Nd-Fe-B-Ti prepared by mechanical alloying. <i>Journal of Magnetism and Magnetic Materials</i> , 1998, 184, 101-105.	1.0	19
30	Exchange bias in antiferromagnetic coupled $\text{Fe}_3\text{O}_4/\text{Cr}_2\text{O}_3$ nanocomposites. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 105005.	1.3	19
31	Asymmetric current-driven switching of synthetic antiferromagnets with Pt insert layers. <i>Nanoscale</i> , 2018, 10, 7612-7618.	2.8	19
32	Structure, phase transformation, and magnetic properties of $\text{SmCo}_7-x\text{Cr}_x$ magnets. <i>Journal of Applied Physics</i> , 2006, 99, 053905.	1.1	18
33	Temperature dependence of competition between interlayer and interfacial exchange couplings in ferromagnetic/antiferromagnetic/ferromagnetic trilayers. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	18
34	Unconventional exchange bias in $\text{CoCr}_2\text{O}_4/\text{Cr}_2\text{O}_3$ nanocomposites. <i>Journal of Applied Physics</i> , 2009, 105, 064702.	1.1	18
35	Effect of heat treatment on microstructure and magnetic properties of anisotropic Nd-Fe-B films with Mo or Ti buffer layer. <i>Journal of Applied Physics</i> , 2005, 98, 113905.	1.1	17
36	Microstructure and magnetic properties of anisotropic Nd-Fe-B thin films fabricated with different deposition rates. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 302, 306-309.	1.0	17

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37	Exchange bias and phase transformation in $\text{Fe}_2\text{O}_3/\text{NiO}$ nanocomposites. <i>Journal of Applied Physics</i> , 2008, 103, 103906.	1.1	17
38	Thickness dependence of the magnetic properties of high-coercive $\text{Fe}/\text{B}$ thin films with perpendicular magnetic anisotropy. <i>Physica B: Condensed Matter</i> , 2008, 403, 3631-3634.	1.3	16
39	Exchange coupling in hard/soft-magnetic multilayer films with non-magnetic spacer layers. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	16
40	Interfacial Control of Ferromagnetism in Ultrathin $\text{SrRuO}_3$ Films Sandwiched between Ferroelectric $\text{BaTiO}_3$ Layers. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 6707-6715.	4.0	16
41	Field-Free Switching of a Spin-Orbit-Torque Device Through Interlayer-Coupling-Induced Domain Walls. <i>Physical Review Applied</i> , 2020, 13, .	1.5	16
42	Decomposition of BN and formation of $\text{Nd}_2\text{Fe}_{14}\text{BN}_x$ phase prepared by mechanical alloying. <i>Journal Physics D: Applied Physics</i> , 1999, 32, 1591-1594.	1.3	15
43	Structure and magnetic properties of sputtered $(\text{Nd,Dy})(\text{Fe,Co,Nb,B})_{5.5}/\text{M}$ ( $\text{M}=\text{FeCo,Co}$ ) multilayer magnets. <i>Journal of Applied Physics</i> , 2002, 91, 7890.	1.1	15
44	Structure and magnetic properties of sputtered hard/soft multilayer magnets. <i>Journal of Applied Physics</i> , 2003, 93, 8131-8133.	1.1	15
45	Nanocomposite $(\text{Nd,Dy})(\text{Fe,Co,Nb,B})_{5.5}/\text{Fe}$ multilayer magnets with high performance. <i>Journal Physics D: Applied Physics</i> , 2003, 36, L63-L66.	1.3	15
46	Cooling-field dependence of exchange bias in Mg-diluted $\text{Ni}_{1-x}\text{Mg}_x\text{O}/\text{Ni}$ granular systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1943-1946.	1.0	15
47	Magnetic interactions in anisotropic $\text{Nd-Dy-Fe-Co-B}/\text{Fe}$ multilayer magnets. <i>Journal of Applied Physics</i> , 2016, 120, .	1.1	15
48	Enhanced coercivity and grain boundary chemistry in diffusion-processed $\text{Ce}_{13}\text{Fe}_{79}\text{B}_8$ ribbons. <i>Materials Letters</i> , 2017, 191, 210-213.	1.3	15
49	Enhancement of spin-orbit torque and modulation of Dzyaloshinskii-Moriya interaction in $\text{Pt}_{100-x}\text{Cr}_x/\text{Co}/\text{AlO}_x$ trilayer. <i>Applied Physics Letters</i> , 2020, 117, .	1.5	15
50	An overview of $\text{SrRuO}_3$ -based heterostructures for spintronic and topological phenomena. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 233001.	1.3	15
51	Carbon-doping effects on the metamagnetic transition and magnetocaloric effect in $\text{MnAsC}_x$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2223-2226.	1.0	14
52	Enhancing the perpendicular anisotropy of $\text{NdDyFeB}$ films by Dy diffusion process. <i>Journal of Applied Physics</i> , 2012, 111, 07A729.	1.1	14
53	Chromium-induced ferromagnetism with perpendicular anisotropy in topological crystalline insulator $\text{SnTe}$ (111) thin films. <i>Physical Review B</i> , 2018, 97, .	1.1	14
54	Controllable Spin-Orbit Torque Efficiency in $\text{Pt/Co/Ru/Co/Pt}$ Multilayers with Interlayer Exchange Couplings. <i>ACS Applied Electronic Materials</i> , 2021, 3, 611-618.	2.0	14

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55	Structure and magnetostriction of Tb <sub>1-x</sub> Pr <sub>x</sub> Fe <sub>1.93B0.15</sub> alloys. Journal of Magnetism and Magnetic Materials, 2004, 269, 281-285.	1.0	13
56	Structural and magnetic properties of Laves compounds Dy <sub>1-x</sub> Pr <sub>x</sub> (Fe <sub>0.35</sub> Co <sub>0.55</sub> B <sub>0.1</sub> ) <sub>2</sub> (0 ≤ x ≤ 1). Journal of Applied Physics, 2006, 99, 08M701.	1.1	13
57	Controllable oxygen vacancies, orbital occupancy and magnetic ordering in SrCoO <sub>3-δ</sub> films. Journal of Magnetism and Magnetic Materials, 2018, 454, 228-236.	1.0	13
58	Influence of rare earth metal Ho on the interfacial Dzyaloshinskii-Moriya interaction and spin torque efficiency in Pt/Co/Ho multilayers. Nanoscale, 2020, 12, 12444-12453.	2.8	13
59	Structure, magnetic properties and coercivity mechanism of the Mo-spacered Nd <sub>2</sub> Fe <sub>14</sub> B/Fe textured multilayer films. Journal Physics D: Applied Physics, 2008, 41, 245007.	1.3	12
60	Magnetic properties of Nd-Fe-B/FeMn multilayer films. Materials Letters, 2009, 63, 2652-2654.	1.3	12
61	Effects of anisotropy and spin-asymmetry of ferromagnetic materials in ferromagnetic/Cr <sub>2</sub> O <sub>3</sub> /ferromagnetic trilayers. Applied Physics Letters, 2010, 96, .	1.5	12
62	Effect of antiferromagnetic layer thickness on exchange bias, training effect, and magnetotransport properties in ferromagnetic/antiferromagnetic antidot arrays. Journal of Applied Physics, 2014, 115, .	1.1	12
63	Mechanically alloyed isotropic (Nd,Dy) <sub>1-x</sub> Fe <sub>1-x</sub> C magnets. Journal of Magnetism and Magnetic Materials, 1997, 170, L17-L21.	1.0	11
64	Structure and magnetic properties of high coercive [PrFeB/Cu] films with out-of-plane orientation. Materials Letters, 2009, 63, 1866-1868.	1.3	11
65	Structural, magnetic, and magnetostrictive properties of Laves (Tb <sub>0.3</sub> Dy <sub>0.7</sub> ) <sub>1-x</sub> Pr <sub>x</sub> Fe <sub>1.55</sub> (0 ≤ x ≤ 0.4) alloys. Journal of Alloys and Compounds, 2009, 476, 24-27.	2.8	11
66	Ordering temperature of L10-FePd film reduced by Ag underlayer. Materials Letters, 2013, 100, 58-61.	1.3	11
67	Interface effect of ultrathin W layer on spin-orbit torque in Ta/W/CoFeB multilayers. Applied Physics Letters, 2019, 114, 082402.	1.5	11
68	Cluster spin-glass behavior in Ni <sub>2</sub> In-type Mn-Cu-Ga alloys. Journal of Alloys and Compounds, 2020, 816, 152678.	2.8	11
69	Enhanced coercivity in Nd-Fe-C alloys prepared by a re-milling process. Journal of Alloys and Compounds, 2007, 436, 392-395.	2.8	10
70	Exchange bias effect in epitaxial La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> /SrMnO <sub>3</sub> thin film structure. Journal of Applied Physics, 2014, 116, 083908.	1.1	10
71	Interface-induced transition from a cluster glass state to a spin glass state in LaMnO <sub>3</sub> /BiFeO <sub>3</sub> heterostructures. Journal of Materials Chemistry C, 2019, 7, 2376-2384.	2.7	10
72	High-coercivity Dy - Fe - X (X = C, B) alloys made by mechanical alloying. Journal of Physics Condensed Matter, 1997, 9, 9985-9991.	0.7	9

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73	Crystallographic and magnetic properties of the quaternary rare-earth-transition-metal boron nitrides $R_2Fe_{14}BN_{0.1}$ ( $R = Nd$ and $Sm$ ). <i>Journal of Physics Condensed Matter</i> , 1999, 11, 3951-3958.	0.7	9
74	Coercivity enhancement in sputtered $PrFeB/FeMn$ thin films. <i>Journal of Alloys and Compounds</i> , 2009, 485, 33-35.	2.8	9
75	Structural, magnetic properties and magnetostriction studies of $Sm_{1-x}Nd_xFe_{1.55}$ alloys. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2095-2098.	1.0	9
76	Magnetomechanical properties of epoxy-bonded $Sm_{1-x}Nd_xFe_{1.55}$ ( $0 \leq x \leq 0.56$ ) pseudo-3 magnetostrictive particulate composites. <i>Journal of Alloys and Compounds</i> , 2011, 509, 4954-4957.	2.8	9
77	Magnetic properties of sputtered anisotropic $PrFeB$ thin films with different structures and antiferromagnetic materials. <i>Rare Metals</i> , 2016, 35, 926-929.	3.6	9
78	Transition of the exchange bias effect from in-plane to out-of-plane in $La_{0.7}Sr_{0.3}MnO_3/NiO$ nanocomposite thin films. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6091-6098.	2.7	9
79	Magnetic properties of $PrFeB/Mn$ films with different structures. <i>Materials Letters</i> , 2012, 69, 52-54.	1.3	8
80	Magnetization reversal and magnetic interactions in anisotropic $NdDyFeCoB/MgO/Fe$ disks and multilayers. <i>Nanoscale</i> , 2017, 9, 7385-7390.	2.8	8
81	Mediating exchange bias by Verwey transition in $CoO/Fe_3O_4$ thin film. <i>Journal of Applied Physics</i> , 2018, 123, .	1.1	8
82	Room temperature magnetoresistance properties in self-assembled epitaxial $La_{0.7}Sr_{0.3}MnO_3/NiO$ nanocomposite thin films. <i>Materials Research Letters</i> , 2018, 6, 489-494.	4.1	8
83	Modulation of spin-orbit torque induced magnetization switching in $Pt/CoFe$ through oxide interlayers. <i>Applied Physics Letters</i> , 2019, 114, .	1.5	8
84	Interlayer exchange coupling modulated spin-orbit torque and multi-state switching in $GdCo/Ru/GdCo$ heterostructures. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 505003.	1.3	8
85	Facilitating room-temperature oxygen ion migration via $CoO$ bond activation in cobaltite films. <i>Nanoscale</i> , 2021, 13, 18256-18266.	2.8	8
86	Structural stability and magnetic properties of $Nd_2Fe_{14}C$ synthesized by mechanical alloying. <i>Journal of Magnetism and Magnetic Materials</i> , 1997, 172, 285-290.	1.0	7
87	Strong effects of magnetic anisotropy on exchange coupling and magnetotransport properties of ferromagnetic/ $NiO$ /ferromagnetic trilayers. <i>Applied Physics Letters</i> , 2010, 97, 072502.	1.5	7
88	Magnetization reversal of vortex states driven by out-of-plane field in the nanocomposite $Co/Pd/Ru/Py$ disks. <i>Applied Physics Letters</i> , 2017, 111, 022404.	1.5	7
89	Coercivity enhancement and microstructural optimization in diffusion-processed $Ce-Nd-Fe-B$ -based films. <i>Thin Solid Films</i> , 2018, 645, 1-4.	0.8	7
90	Enhanced spin-orbit torques and perpendicular magnetic anisotropy in $CoFeB/MgO$ structures with $Ta/W$ bilayer. <i>AIP Advances</i> , 2018, 8, .	0.6	7

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91	Magnetic interactions and magnetization reversal in anisotropic La-Nd-Fe-B/Ta/Co multilayers and disks. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 489, 165476.	1.0	7
92	Enhanced coercivity in thermally processed (Nd,Dy)(Fe,Co,Nb,B) <sub>5.5</sub> ±-Fe nanoscale multilayer magnets. <i>Journal of Applied Physics</i> , 2005, 97, 104308.	1.1	6
93	Growth mechanism and magnetic properties for the out-of-plane-oriented Nd-Fe-B films. <i>Journal of Materials Research</i> , 2009, 24, 2802-2812.	1.2	6
94	Abnormal magnetic ordering and ferromagnetism in perovskite ScMnO <sub>3</sub> film. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	6
95	Single orthorhombic b axis orientation and antiferromagnetic ordering type in multiferroic CaMnO <sub>3</sub> thin film with La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> buffer layer. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	6
96	Strain-Induced Cluster Glass State in LaMnO <sub>3</sub> Films. <i>Journal of Physical Chemistry C</i> , 2019, 123, 14842-14848.	1.5	6
97	Spin-orbit torque driven four-state switching in splicing structure. <i>Applied Physics Letters</i> , 2020, 117, 232408.	1.5	6
98	Enhanced Spin-Orbit Torque and Low Critical Current Density in Pt <sub>100</sub> Ru <sub>x</sub> /[CoNi]/Ru Multilayer for Spintronic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 61742-61750.	4.0	6
99	Effect of nitrogen content on structure and magnetic properties of Nd <sub>16</sub> Fe <sub>84</sub> <sup>x</sup> B <sub>x</sub> N <sub>y</sub> alloys prepared by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2000, 309, 172-175.	2.8	5
100	Decomposition of B <sub>4</sub> C and magnetic properties of Nd-Fe-(B,C) alloys synthesized by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2006, 415, 271-275.	2.8	5
101	Structure, magnetic and magnetostrictive properties of Sm <sub>0.7</sub> Pr <sub>0.3</sub> Fe <sub>x</sub> alloys. <i>Materials Letters</i> , 2010, 64, 608-610.	1.3	5
102	Ordering temperature of L10-type FePt films reduced by CuO addition. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2027-2030.	1.0	5
103	Anisotropic nanocomposite soft/hard multilayer magnets. <i>Chinese Physics B</i> , 2017, 26, 117502.	0.7	5
104	Magnetization reversal of antiferromagnetically coupled perpendicular anisotropy films driven by current. <i>Journal of Materials Science and Technology</i> , 2018, 34, 832-835.	5.6	5
105	Coercivity enhancement of sputtered (La,Nd,Dy)-Fe-Co-B multilayers by inserting Ta space layers. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 145001.	1.3	5
106	Coercivity enhancement by adjusting the ratio of La to Ce in REFeB films. <i>Journal of Magnetism and Magnetic Materials</i> , 2021, 540, 168435.	1.0	5
107	Magnetic properties and coercivity mechanism of high Ce-content CeNdFeB film with Tb diffusion. <i>Journal of Applied Physics</i> , 2022, 131, .	1.1	5
108	Field-induced reversible magnetocaloric effect in CoCl <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , 2010, 507, 26-28.	2.8	4

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109	Dynamic magnetoelastic properties of epoxy-bonded Sm <sub>0.88</sub> Nd <sub>0.12</sub> Fe <sub>1.93</sub> pseudo-1-3 negative magnetostrictive particulate composite. <i>Journal of Applied Physics</i> , 2012, 111, 07A940.	1.1	4
110	Coercivity mechanism and effect of Dy element in anisotropic LaPrFeB multilayers with Dy diffusion. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	4
111	Coercivity Mechanism and Magnetization Reversal in Anisotropic Ce-(Y)-Pr-Fe-B Films. <i>Materials</i> , 2021, 14, 4680.	1.3	4
112	Structure, magnetic properties and magnetostriction of laves compounds Nd <sub>1-x</sub> Pr <sub>x</sub> (Fe <sub>0.35</sub> Co <sub>0.55</sub> B <sub>0.1</sub> ) <sub>2</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 2373-2375.	1.0	3
113	Effect of Co and Dy substitutions on the structure and magnetic properties of Nd-Fe-C alloys prepared by a re-milling process. <i>Journal of Alloys and Compounds</i> , 2009, 468, L33-L36.	2.8	3
114	Effects of Mn addition on the structures, magnetic properties and phase transformation of SmCo <sub>6.7-x</sub> Mn <sub>x</sub> Cr <sub>0.3</sub> magnets. <i>Journal of Alloys and Compounds</i> , 2009, 476, 19-23.	2.8	3
115	Influence of ferromagnetic layer on the exchange coupling of antiferromagnetic NiO-based films. <i>Journal of Magnetism and Magnetic Materials</i> , 2012, 324, 3933-3936.	1.0	3
116	Weak dipolar interaction between CoPd multilayer nanodots for bit-patterned media application. <i>Materials Letters</i> , 2016, 182, 185-189.	1.3	3
117	Field-free spin-orbit torque switching induced by interlayer exchange coupling in Pt/Co/Ru/Ni/Pt multilayer. <i>Journal of Applied Physics</i> , 2021, 130, 243901.	1.1	3
118	Magnetic phase transitions in Nd <sub>1-x</sub> Pr <sub>x</sub> Fe <sub>11-y</sub> SiyTi (y=0.5, 1.0) compounds. <i>Journal of Alloys and Compounds</i> , 2000, 296, 39-45.	2.8	2
119	Phase formation and magnetic properties of Nd <sub>2</sub> Fe <sub>14</sub> B-type Nd <sub>16</sub> Co <sub>76</sub> B <sub>8-x</sub> C <sub>x</sub> alloys and their hydrides. <i>Physica B: Condensed Matter</i> , 2007, 400, 273-277.	1.3	2
120	Anomalous magnetic and magnetotransport properties in nanostructured networks of Co/NiO/Fe trilayers. <i>Thin Solid Films</i> , 2012, 526, 278-281.	0.8	2
121	Orientation-modulated exchange coupling in La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> /CaMnO <sub>3</sub> bilayer films. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 428, 372-376.	1.0	2
122	Magnetic bubbles and domain evolution in Fe/Gd multilayer nanodots. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 451, 660-664.	1.0	2
123	Magnetic phase transitions in compounds. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 379-388.	0.7	1
124	Structure and magnetic properties of N-containing Pr-Fe-B alloys prepared by mechanical alloying. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 277, 153-158.	1.0	1
125	Effective anisotropy field in anisotropic nanostructured ferromagnetic materials. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 1709-1715.	0.7	1
126	Temperature dependence of the exchange coupling in CO/Si(or Ge)/Fe trilayers. <i>Physica B: Condensed Matter</i> , 2011, 406, 1969-1972.	1.3	0



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127	Magnetic Properties of Anisotropic Pr <sup>2+</sup> Fe <sup>2+</sup> B/Fe/Pr <sup>2+</sup> Fe <sup>2+</sup> B Films. Journal of Superconductivity and Novel Magnetism, 2012, 25, 2059-2062.	0.8	0
128	Quasilogarithmic magnetic viscosity in perpendicularly anisotropic Nd <sup>2+</sup> Fe <sup>2+</sup> B films. Journal of Magnetism and Magnetic Materials, 2012, 324, 2854-2857.	1.0	0
129	Large spin-orbit torque efficiency in PtBi <sub>2</sub> film. Applied Physics Letters, 2021, 119, 132402.	1.5	0