H W Chang

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162 papers	1,350 citations	19 h-index	25 g-index
171 ext. papers	1,474 ext. citations	3 avg, IF	4.18 L-index

#	Paper	IF	Citations
162	Effect of initial stress/strain state on order-disorder transformation of FePt thin films. *Applied Physics Letters*, **2009**, 94, 232505	3.4	72
161	Magnetic property enhancement of melt-spun Pr2Fe23B3 ribbons with dilute Ti substitution. *Applied Physics Letters*, **2003**, 82, 4513-4515	3.4	53
160	Comparison on the magnetic properties and phase evolution of melt-spun SmCo7 ribbons with Zr and Hf substitution. *Scripta Materialia*, **2007**, 56, 1099-1102	5.6	40
159	Magnetocaloric effect in Fe□rB□M (M=Mn, Cr, and Co) amorphous systems. *Journal of Applied Physics*, **2009**, 105, 07A910	2.5	38
158	Magnetic properties, phase evolution, and coercivity mechanism of CoxZr98□B2 (x=74□6) nanocomposites. *Journal of Applied Physics*, **2005**, 97, 10F307	2.5	28
157	Magnetic properties enhancement of melt spun CoZrB ribbons by elemental substitutions. *Journal of Magnetism and Magnetic Materials*, **2013**, 346, 74-77	2.8	26
156	Photovoltaic property of sputtered BiFeO3 thin films. *Journal of Alloys and Compounds*, **2013**, 574, 402-406	3.7	26
155	Fe□/FePt-type nanocomposite ribbons with high permanent magnetic properties. *Journal of Magnetism and Magnetic Materials*, **2005**, 292, 120-125	2.8	25
154	Significant coercivity enhancement of hot deformed NdFeB magnets by doping Ce-containing (PrNdCe)70Cu30 alloys powders. *Scripta Materialia*, **2018**, 146, 222-225	5.6	24
153	Alloying effect on the magnetic properties ofRFeB-type bulk magnets. *Journal Physics D: Applied Physics*, **2011**, 44, 064002	3	23
152	Thermal stability and magnetocaloric effect of the Gd65Fe20Al15□Bx (x=0□7) glassy ribbons. *Journal of Applied Physics*, **2010**, 107, 09A901	2.5	21
151	Magnetic properties and crystal structure of melt-spun Sm(Co, M)7 (M = Al and Si) ribbons. *Journal of Applied Physics*, **2012**, 111, 07E306	2.5	21
150	Magnetic properties, phase evolution, and structure of melt spun SmCo7□Nbx (x=0□.6) ribbons. *Journal of Applied Physics*, **2009**, 105, 07A731	2.5	21
149	Effect of Ti substitution on the magnetic properties, microstructure, and aftereffect of melt spun PrFeB nanocomposites. *Scripta Materialia*, **2006**, 55, 529-532	5.6	21
148	Magnetic properties, phase evolution, and microstructure of melt spun SmCo7□HfxCy (x=0□.5; y=0□.14) ribbons. *Journal of Applied Physics*, **2007**, 101, 09K508	2.5	21
147	Development of bulk Nd9.5Fe75.5□MxB15 (M=Mo, Nb, Ta, Ti, and Zr; x=0□4) magnets by direct casting method. *Journal of Alloys and Compounds*, **2009**, 484, 143-146	5.7	20
146	Effect of Fe substitution by Ti or Nb/V/Zr on phase stability and magnetic properties of Pr2Fe23(B, C)3 ribbons. *Journal of Magnetism and Magnetic Materials*, **2004**, 282, 186-192	2.8	20

145	Magnetic property enhancement of directly quenched NdFeB bulk magnets with Ti substitution. *Journal of Alloys and Compounds*, **2010**, 489, 499-503	5.7	19
144	Exchange bias in sputtered FM/BiFeO3 thin films (FM = Fe and Co). *Journal of Applied Physics*, **2012**, 111, 07B105	2.5	19
143	Effect of boron on the magnetic properties and exchange-coupling effect of FePtB-type nanocomposite ribbons. *Journal of Applied Physics*, **2005**, 97, 10N117	2.5	19
142	Hard magnetic property enhancement of Co7Hf-based ribbons by boron doping. *Applied Physics Letters*, **2014**, 105, 192404	3.4	18
141	Crystal structure and magnetic properties of melt spun Sm(Co,V)7 ribbons. *Journal of Applied Physics*, **2009**, 105, 07A705	2.5	18
140	Magnetic properties, phase evolution and coercivity mechanism of PrFeTiB-based nanocomposites with Co/C cosubstitution. *Scripta Materialia*, **2007**, 56, 429-432	5.6	18
139	Sputter-prepared BiFeO3(001) films on L10 FePt(001)/glass substrates. *Journal of Applied Physics*, **2012**, 111, 07D918	2.5	17
138	Magnetic properties, phase evolution and microstructure of directly quenched bulk PrFeBNb magnets. *Scripta Materialia*, **2008**, 59, 227-230	5.6	17
137	Magnetic properties, Mössbauer and aftereffect studies of Pr10Fe90−xBx (x=5.88–11.5) nanocomposites. *Journal of Applied Physics*, **2003**, 93, 4027-4033	2.5	17
136	Effect of Ge on the magnetic properties and crystal structure of melt spun SmCo7−xGex ribbons. *Journal of Applied Physics*, **2011**, 109, 07A730	2.5	15
135	Study on strengthening and toughening of sintered rare-earth permanent magnets. *Journal of Applied Physics*, **2009**, 105, 07A703	2.5	14
134	Microstructure and magnetocaloric effect of melt-spun Y2Fe17 ribbons. *Journal of Applied Physics*, **2008**, 103, 07B302	2.5	14
133	Effects of Pt and Fe underlayers on the microstructure and magnetization reversal of epitaxial FePt films for high areal density magnetic recording. *Journal of Applied Physics*, **2008**, 103, 07E138	2.5	14
132	Investigation of magnetic properties, after effect and MFM of PryFe90−yB10 (y=8–11.76) nanocomposites. *Journal of Magnetism and Magnetic Materials*, **2004**, 279, 149-159	2.8	14
131	Mössbauer studies of melt-spun Pr2Fe14B ribbons. *Journal of Applied Physics*, **2001**, 90, 2033-2035	2.5	14
130	Magnetic properties and microstructure of bulk NdFeB magnets solidified in magnetic field. *Journal of Applied Physics*, **2011**, 109, 07A715	2.5	13
129	Magnetic property improvement of Pt-lean FePtFeB-type nanocomposites by Co substitution. *Journal of Applied Physics*, **2008**, 103, 07E133	2.5	13
128	A study on the magnetic properties of melt spun Co-Hf-Zr-B nanocomposite ribbons. *Journal of Applied Physics*, **2014**, 115, 17A724	2.5	12

127	Domain wall pinning on strain relaxation defects (stacking faults) in nanoscale FePd (001)/MgO thin films. *Applied Physics Letters*, **2015**, 107, 142407	3.4	12
126	Effects of C and Cr contents on the magnetic properties and microstructure of directly quenched NdFeTiZrCrBC bulk magnets. *Journal of Applied Physics*, **2010**, 107, 09A740	2.5	12
125	Improvement on the magnetic properties of Pr/sub 8.5/Fe/sub 81.5/B/sub 10/ nanocomposites by refractory elements substitution. *IEEE Transactions on Magnetics*, **2004**, 40, 2871-2873	2	12
124	Multiferroic properties of Bi1−xAxFeO3 polycrystalline films on glass substrates (A = Ca, Sr, Ba and x=0.05–0.15). *Journal of Alloys and Compounds*, **2016**, 683, 427-432	5.7	12
123	Enhanced exchange bias fields for CoO/Co bilayers: influence of antiferromagnetic grains and mechanisms. *Applied Surface Science*, **2017**, 405, 316-320	6.7	11
122	Energy product enhancement of FePt films by underlayering with Ti, Zr, and Hf. *Applied Surface Science*, **2014**, 313, 755-761	6.7	11
121	High quality multiferroic BiFeO3 films prepared by pulsed laser deposition on glass substrates at reduced temperatures. *Journal of Applied Physics*, **2013**, 113, 17D917	2.5	11
120	Composition dependence of magnetic properties of directly quenched Nd–Fe–Ti–Zr–B bulk magnets. *Journal of Alloys and Compounds*, **2011**, 509, 1249-1254	5.7	11
119	Magnetic properties, phase evolution, and microstructure of melt spun Sm(Co,M)xCy (M=Hf and Zr; x=5–9; y=0–0.15) ribbons. *Journal of Applied Physics*, **2010**, 107, 09A710	2.5	11
118	Improvement of size and magnetic properties of Nd9.5Fe72.5Ti3B15 bulk magnets by Zr or Nb substitution for Ti. *Journal of Applied Physics*, **2009**, 105, 07A742	2.5	11
117	High magnetic properties of nanocomposite ribbons made with Mischmetals–Fe–Co–Ti–B alloys. *Journal of Applied Physics*, **2009**, 105, 07A704	2.5	11
116	Origins of the significant improvement in nanocrystalline Samarium–Cobalt magnetic properties when doping with Niobium. *Journal of Alloys and Compounds*, **2015**, 622, 262-268	5.7	10
115	Composition and thermal structural evolution in Pr modified bismuth ferrite near the morphotropic phase boundary. *Journal of Alloys and Compounds*, **2018**, 768, 903-913	5.7	10
114	Crystal structure and magnetic properties of melt spun SmCo7−xMx (M=Ta, Cr, and Mo; x=0–0.6) ribbons. *Journal of Applied Physics*, **2010**, 107, 09A738	2.5	10
113	Self-organized magnetic assemblies of (001) oriented FePt nanoparticles with SiO2additive. *Nanotechnology*, **2007**, 18, 335603	3.4	10
112	Effect of boron content on the magnetic properties, phase evolution, and microstructure of Pr/sub 9/Fe/sub 88.5-x/Ti/sub 2.5/B/sub x/ (x=7-15) nanocomposites. *IEEE Transactions on Magnetics*, **2005**, 41, 3769-3771	2	10
111	Comparison on the coercivity enhancement of sintered NdFeB magnets by grain boundary diffusion with low-melting (Tb, R)75Cu25 alloys (R= None, Y, La, and Ce). *AIP Advances*, **2019**, 9, 125238	1.5	10
110	Magnetic property improvement of sputter-prepared FePd films on glass substrates with W underlayer. *Journal of Alloys and Compounds*, **2015**, 622, 1013-1017	5.7	9

109	Effect of Ba substitution on the multiferroic properties of BiFeO3 films on glass substrates. *Journal of Applied Physics*, **2015**, 117, 17C734	2.5	9
108	Structures and magnetocaloric effects of Gd65□RExFe20Al15 (x = 0□0; RE=Tb, Dy, Ho, and Er) ribbons. *Journal of Applied Physics*, **2011**, 109, 07A933	2.5	9
107	Effect of Ta underlayer on magnetic properties of FeMn/NiFe films. *Surface and Coatings Technology*, **2016**, 303, 148-153	4.4	8
106	Effect of magnetic field on the structure and magnetic properties of pulse-laser-deposited FePt films. *Journal of Alloys and Compounds*, **2014**, 584, 148-151	5.7	8
105	Effect of C addition on the magnetic properties, phase evolution, and microstructure of melt spun ribbons. *Solid State Communications*, **2008**, 147, 69-73	1.6	8
104	Magnetic properties of ultrathin Co□e(111) film with oxygen surfactant. *Journal of Applied Physics*, **2006**, 99, 08J705	2.5	8
103	Magnetic properties, microstructure and phase evolution of (Ce1□Prx)9.5Febal.CoyTi2B10 (x=0□ and y=0, 2.5) nanocomposites. *Journal of Applied Physics*, **2006**, 99, 08B518	2.5	8
102	Coercivity enhancement of melt spun FePt ribbons by Au addition. *Journal of Applied Physics*, **2007**, 101, 09K514	2.5	8
101	Beneficial effect of the substitution of Co for Fe on the magnetic properties of melt-spun Pr2Fe14C/□Fe-type nanocomposite magnets. *Journal of Alloys and Compounds*, **2004**, 379, 28-30	5.7	8
100	Reduction of grain size and ordering temperature in L1/sub 0/ FePt thin films. *IEEE Transactions on Magnetics*, **2005**, 41, 3772-3774	2	8
99	Nanoindentation Study of FePt Thin Films Deposited by Radio Frequency Magnetron Sputtering. *Nanoscience and Nanotechnology Letters*, **2016**, 8, 260-265	0.8	8
98	Magnetic Properties and Crystal Structure of Melt Spun ${rm SmCo}_{7-{rm x}}{rm Sn}_{rm x}$ (${rm x}=0$□.6) Ribbons. *IEEE Transactions on Magnetics*, **2011**, 47, 3332-3335	2	7
97	Enhancement of coercivity for melt-spun SmCo7□Tax ribbons with Ta addition. *Journal of Applied Physics*, **2010**, 107, 09A705	2.5	7
96	Magnetization reversal and microstructure of FePt□Ag (001) particulate thin films for perpendicular magnetic recording media. *Journal of Applied Physics*, **2008**, 103, 07E116	2.5	7
95	Preannealing effect on ordering transformation and magnetic properties of CoPt thin films. *Journal of Applied Physics*, **2007**, 101, 09K526	2.5	7
94	The effect of Ti and C on the phase evolution and magnetic properties of Pr9FebalTixB11□yCy (x=0□, y=0□1) nanocomposites. *Journal of Applied Physics*, **2006**, 99, 08B519	2.5	7
93	Magnetic aftereffect and magnetic force microscopy studies of Fe□□ePt-type nanocomposite ribbons. *Journal of Applied Physics*, **2006**, 99, 08E907	2.5	7
92	Formation of perovskite BiFeO3(001) films on refined Pt(111) electrode layer with reduced thickness on glass substrates. *Journal of Applied Physics*, **2014**, 115, 17D912	2.5	6

91	Bulk Nanocrystalline Nd-Fe-B Magnets Solidified in Magnetic Field With Various Surface Area-to-Volume Ratios. *IEEE Transactions on Magnetics*, **2011**, 47, 3263-3266	2	6
90	Large energy density enhancement in FePt films by microstructure refining. *Journal of Applied Physics*, **2008**, 103, 07E115	2.5	6
89	Investigation of magnetic properties, phase evolution, and microstructure of melt spun PrFeTiBC nanocomposites. *Journal of Alloys and Compounds*, **2006**, 424, 376-381	5.7	6
88	Phase evolution, magnetic properties, and coercivity mechanism of melt-spun Pr2Fe14(C, B)/α-Fe-type ribbons. *Physica B: Condensed Matter*, **2004**, 344, 201-205	2.8	6
87	Structural evolution, ferroelectric, and nanomechanical properties of Bi1-xSmxFeO3 films (x = 0.05–0.16) on glass substrates. *Journal of Alloys and Compounds*, **2019**, 787, 397-406	5.7	5
86	Multiferroic properties of (Bi, Ca)FeO 3 films on glass substrates. *Applied Surface Science*, **2015**, 355, 1216-1226		5
85	Effect of Pr substitution on the structure, nanomechanical and multiferroic characterizations of Bi1-xPrxFeO3 polycrystalline films. *Surface and Coatings Technology*, **2020**, 393, 125728	4.4	5
84	Overview of the Ways for Enhancing the Coercivity of Hot-Deformed Nd2Fe14B-Type Magnets. *IEEE Transactions on Magnetics*, **2018**, 54, 1-5	2	5
83	Formation of BiFeO3(110) films on ferromagnetic CoPt(111) electrode layer on glass substrates at reduced temperatures. *Journal of Applied Physics*, **2015**, 117, 17C721	2.5	5
82	Hard Magnetic Property Improvement of Sputter-Prepared FePd Films on Glass Substrates by Underlayering With Refractory Nb, Mo, and W Elements. *IEEE Transactions on Magnetics*, **2015**, 51, 1-4	2	5
81	Perpendicular magnetic anisotropy of non-epitaxial hexagonal Co50Pt50 thin films prepared at room temperature. *Journal of Alloys and Compounds*, **2015**, 628, 263-266	5.7	5
80	Magnetostriction and ΔE effect of melt-spun (Fe81−xCoxGa19)80B20 ribbons. *Journal of Applied Physics*, **2012**, 112, 053904	2.5	5
79	. *IEEE Transactions on Magnetics*, **2011**, 47, 3924-3927	2	5
78	Effect of B content on the magnetic properties, phase evolution, and aftereffect of nanocrystalline FeCoPtB ribbons. *Journal of Applied Physics*, **2009**, 105, 07A746	2.5	5
77	Study on the soft magnetic properties and high frequency characteristics of Co-M (M = Ti, Zr, and Hf) thin films. *Journal of Applied Physics*, **2012**, 111, 07A333	2.5	5
76	. *IEEE Transactions on Magnetics*, **2008**, 44, 4195-4198	2	5
75	Effect of Ag Segregation on Reversal Behavior of (FePt)$_{77}$ Ag$_{23}$ Alloy Thin Films. *IEEE Transactions on Magnetics*, **2007**, 43, 3001-3003	2	5
74	The role of nonmagnetic phases in improving the magnetic properties of devitrified Pr2Fe14B-based nanocomposites. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2008**, 149, 73-76	3.1	5

73	COEXISTENCE OF FERROMAGNETISM AND HIGH-TEMPERATURE SUPERCONDUCTIVITY IN Dy-DOPED BiPbSrCaCuO. *Surface Review and Letters*, **2002**, 09, 1109-1112	1.1	5
72	Investigation of magnetic properties and phase evolution of NdxFebal.TiCB10.5 (x=9, 9.5, 10, and 11) melt spun ribbons. *Journal of Applied Physics*, **2002**, 91, 8171	2.5	5
71	Effects of post-annealing on the structural and nanomechanical properties of sputter-deposited FePd thin films. *Journal of Alloys and Compounds*, **2015**, 648, 980-985	5.7	4
70	Exchange bias in Co/MnPt polycrystalline films on Si(100)/SiO2 substrates with Ta underlayer. *Thin Solid Films*, **2018**, 660, 834-839	2.2	4
69	Magnetic properties, phase evolution, and microstructure of melt spun Sm(Co1−yZrz)xCy (x=5−9; y=0−0.15; z=0.03 and 0.06) ribbons. *Journal of Magnetism and Magnetic Materials*, **2012**, 324, 1006-1010	2.8	4
68	Perpendicular magnetic anisotropic Pr-Fe-B thin films on glass substrates. *Journal of Applied Physics* , **2014**, 115, 17A726	2.5	4
67	Effect of Co addition on the microstructure and magnetic properties of Nd9.5Febal.CoxNb2.5Zr0.5B15 (x = 0, 10, 20) bulk magnets. *Journal of Alloys and Compounds*, **2012**, 538, 28-33	5.7	4
66	Magnetic properties, phase and microstructure of direct cast Nd9.5Febal.Co10MB15 rod magnets. *Journal of Magnetism and Magnetic Materials*, **2013**, 326, 108-111	2.8	4
65	Co nanoislands on Au(111) and Cu(111) surfaces studied by scanning tunneling microscopy and spectroscopy. *Journal of Nanoscience and Nanotechnology*, **2010**, 10, 4663-6	1.3	4
64	Magnetic property enhancement by sputtering magnetically soft films (Co, Fe and Fe65Co35) on PrFeB-type permanent magnet ribbons. *Surface and Coatings Technology*, **2006**, 200, 3366-3369	4.4	4
63	Magnetic properties and microstructure of nanocomposite Pr2Fe14(B,C)−Fe melt-spun ribbons. *Journal of Applied Physics*, **2005**, 97, 10K309	2.5	4
62	Improvement of magneto-mechanical properties in quenched Fe-rich Fe87Ga13 alloy. *Journal of Magnetism and Magnetic Materials*, **2020**, 498, 166097	2.8	4
61	L10 FePt Films with Optimal (001) Texture on Amorphous SiO2/Si Substrates for High-Density Perpendicular Magnetic Recording Media. *ACS Applied Nano Materials*, **2019**, 2, 5663-5673	5.6	3
60	Comparison on the structure and exchange bias in Co/MnPt and MnPt/Co polycrystalline films on glass substrates. *AIP Advances*, **2019**, 9, 035330	1.5	3
59	Multiferroic properties of Bi0.95R0.05FeO3 polycrystalline films on the glass substrates (R = La, Pr, Nd, Sm, and Ho). *Materials Letters*, **2020**, 276, 128216	3.3	3
58	Magnetic properties and microstructure of melt spun YCo5-xMx ribbons (M= C and Sn; x= 0−0.3). *Journal of Alloys and Compounds*, **2018**, 747, 236-241	5.7	3
57	(110)-Textured Ca-doped BiFeO 3 film on refined Pt(111) electrode layer on glass substrate at reduced temperature. *Journal of Magnetism and Magnetic Materials*, **2016**, 401, 673-676	2.8	3
56	Magnetic properties improvement of melt spun Co 86.5 Hf 11.5 B 2 nanocomposites by refractory elements substitution. *Journal of Magnetism and Magnetic Materials*, **2016**, 401, 1139-1144	2.8	3

55	Effect of Hf underlayer on structure and magnetic properties of rapid thermal annealed FePt thin films. *Journal of Magnetism and Magnetic Materials*, **2014**, 358-359, 153-158	2.8	3
54	. *IEEE Transactions on Magnetics*, **2014**, 50, 1-4	2	3
53	Magnetic properties, phase evolution, and microstructure of melt spun Sm(Co0.97Ti0.03) C (x=5□; y=0□.1) ribbons. *Journal of Physics and Chemistry of Solids*, **2012**, 73, 13-17	3.9	3
52	Comparison on the magnetic properties, phase evolution and microstructure of directly quenched Pr□e□□iB-based ribbons and rods. *Journal of Alloys and Compounds*, **2013**, 551, 694-701	5.7	3
51	Optimization of high frequency characteristics in Co-Ta thin films. *Journal of Applied Physics*, **2014**, 115, 17A312	2.5	3
50	. *IEEE Transactions on Magnetics*, **2009**, 45, 2682-2685	2	3
49	Grain Refining and Decoupling in FePt/SiO$_{2}$ Nanogranular Films for Magnetic Recording. *IEEE Transactions on Magnetics*, **2007**, 43, 2124-2126	2	3
48	Multiferroic and nanomechanical properties of Bi1□RxFeO3 polycrystalline films (R = La, Pr, Sm, and Ho; x = 0□.15). *Journal of Alloys and Compounds*, **2020**, 846, 156080	5.7	3
47	Optimization of permanent magnetic properties in melt spun Co82□Hf12+xB6 (x = 0□) nanocomposites. *Journal of Applied Physics*, **2015**, 117, 17A717	2.5	2
46	Magneto-mechanical properties of Fe100-xAlx alloys (x□= 14-27) prepared by directional solidification. *Journal of Alloys and Compounds*, **2020**, 844, 156086	5.7	2
45	Correlation between phase composition and exchange bias in CoFe/MnN and MnN/CoFe polycrystalline films. *AIP Advances*, **2020**, 10, 025035	1.5	2
44	A Study on the Phase Evolution and Magnetic Properties of Nd $_{9.5 - 1.5{rm x}}$Fe$_{{rm bal}.}$Ti$_{2.5}$ Zr$_{0.5}$ B$_{15 + 2{rm x}}$. *IEEE Transactions on Magnetics*, **2013**, 49, 3364-3367	2	2
43	Comparison on the Coercivity Enhancement of Hot-Deformed Nd2Fe14B-Type Magnets by Doping R70Cu30 (R = Nd, Dy, and Tb) Alloy Powders. *IEEE Transactions on Magnetics*, **2017**, 53, 1-4	2	2
42	Texture control of multiferroic BiFeO3 polycrystalline films on glass substrates with various metal electrode underlayers. *Journal of Applied Physics*, **2015**, 117, 17C713	2.5	2
41	Magnetic properties of melt spun mischmetals-Fe-Ti-B nanocomposite ribbons. *Journal of Nanoscience and Nanotechnology*, **2011**, 11, 2756-60	1.3	2
40	A study of the magnetic properties and high-frequency characteristics of Fe□o/FeCoB-based bilayer films. *Physica Scripta*, **2010**, T139, 014031	2.6	2
39	PHASE EVOLUTION AND MAGNETIC PROPERTIES OF TbCu7-TYPE (Sm, Pr)Co7-xHfxMy (x = 0-0.5; y = 0-0.14) RIBBONS. *International Journal of Modern Physics B*, **2009**, 23, 1663-1669	1.1	2
38	MAGNETIC PROPERTIES AND CRYSTAL STRUCTURE OF MELT SPUN Sm(Co, M)7 RIBBONS (M = Hf, V, Nb, andTa). *Modern Physics Letters B*, **2009**, 23, 3707-3716	1.6	2

37	HIGH MAGNETIC PROPERTIES OF TbCu7-TYPE MELT SPUN (Sm, Pr)Co7-xHfxCy RIBBONS. *Functional Materials Letters*, **2008**, 01, 183-187	1.2	2
36	The role of combined addition of Ti and B in magnetic hardening of devitrified Pr2Fe14B/(Fe3B,Fe) nanocomposite magnets. *Physica Status Solidi (A) Applications and Materials Science*, **2008**, 205, 1207-1210	1.6	2
35	Structure and magnetic properties of 300-nm-thick FePt films with Hf underlayer. *Journal of Physics and Chemistry of Solids*, **2016**, 98, 143-148	3.9	2
34	Phase modification and magnetic energy product enhancement of PrCo5-based nanomaterials due to carbon addition. *Journal of Physics and Chemistry of Solids*, **2020**, 136, 109197	3.9	2
33	Comparison on the coercivity enhancement of the sintered NdFeB magnets by grain boundary diffusion with Tb70Cu30 powders prepared by different milling methods. *AIP Advances*, **2021**, 11, 025101	1.5	2
32	Coercivity enhancement of hot-deformed NdFeB magnet by doping R80Al20 (R = La, Ce, Dy, Tb) alloy powders. *AIP Advances*, **2021**, 11, 025001	1.5	2
31	Martensitic Transitions and Magnetocaloric Properties in Mn49CoxNi41Sn10 ($x = 0$) Ribbons. *IEEE Transactions on Magnetics*, **2015**, 51, 1-4	2	1
30	Inhomogeneity on texture, microstructure and magnetic properties of hot deformed R2Fe14B-typed magnet. *International Journal of Modern Physics B*, **2015**, 29, 1540007	1.1	1
29	Magnetic properties and structure of CoFe/MnN films with Ta layers. *Surface and Coatings Technology*, **2020**, 398, 126098	4.4	1
28	Magnetic Property Enhancement of Melt Spun YCo5 Ribbons by Fe and C Doping. *IEEE Transactions on Magnetics*, **2017**, 53, 1-4	2	1
27	Improved perpendicular magnetic properties of pulsed-dc-sputtered FePt thin films. *Surface and Coatings Technology*, **2018**, 350, 795-800	4.4	1
26	Photovoltaic Property of Multiferroic ${hbox{BiFeO}}_3$ Films With Different Textures on Glass Substrates. *IEEE Transactions on Magnetics*, **2014**, 50, 1-4	2	1
25	Effect of Substrates on the Structure and Ferroelectric Properties of Multiferroic ${hbox{BiFeO}}_{3}$ Films. *IEEE Transactions on Magnetics*, **2014**, 50, 1-4	2	1
24	Magnetic Property Enhancement of FePt Films by Zr Underlayering. *IEEE Transactions on Magnetics*, **2014**, 50, 1-4	2	1
23	Exchange bias and crystal structure of epitaxial (111) FePt/BiFeO3 sputtered thin films. *Journal of Applied Physics*, **2014**, 115, 17D903	2.5	1
22	Magnetic properties and high frequency characteristics of sputtered FeAl and FeAlB. *Journal of Physics: Conference Series*, **2011**, 266, 012031	0.3	1
21	Magnetic properties of nanostructured TbMn/sub 6/Sn/sub 6/ melt-spun ribbons. *IEEE Transactions on Magnetics*, **2003**, 39, 2875-2877	2	1
20	Magnetic property improvement of melt spun LaCo5-based nanocomposites with Y, Fe and C substitutions. *Journal of Alloys and Compounds*, **2020**, 821, 153271	5.7	1

19	Comparison on the E effect in Fe87Ga13 alloy by doping Dy and Tb. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2020**, 262, 114747	3.1	1
18	Formation and Application of Core-Shell of FePt-Au Magnetic-Plasmonic Nanoparticles. *Frontiers in Chemistry*, **2021**, 9, 653718	5	1
17	Magnetic properties of Ce85Al15 doped NdFeB sintered magnet by grain boundary diffusion of Tb70Cu30 powders. *IEEE Transactions on Magnetics*, **2022**, 1-1	2	0
16	Investigation of the properties of BiFeO3/intermediate-layer structures fabricated by magnetron sputtering. *Physics of the Solid State*, **2015**, 57, 1764-1771	0.8	
15	High energy product FexPt100-x thin films (x = 60 66) prepared by rapid thermal annealing. *Surface and Coatings Technology*, **2020**, 397, 125978	4.4	
14	. *IEEE Transactions on Magnetics*, **2018**, 54, 1-5	2	
13	Magnetocaloric Properties of Melt-Spun Fe Ni Mn Ga Ribbons. *IEEE Transactions on Magnetics*, **2014**, 50, 1-4	2	
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