

H W Chang

List of Publications by Year in descending order

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899
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Properties of Ce ^x Al _{1-x} Doped NdFeB Sintered Magnet by Grain Boundary Diffusion of Tb ₂ Cu ₃ Powders. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	4
2	Phase modification and magnetic property improvement in melt spun LaCo ₅ -based ribbons. Journal of Materials Science, 2022, 57, 8800-8817.	1.7	2
3	Comparison on the coercivity enhancement of the sintered NdFeB magnets by grain boundary diffusion with Tb ₇₀ Cu ₃₀ powders prepared by different milling methods. AIP Advances, 2021, 11, .	0.6	10
4	Coercivity enhancement of hot-deformed NdFeB magnet by doping R ₈₀ Al ₂₀ (R = La, Ce, Dy, Tb) alloy powders. AIP Advances, 2021, 11, .	0.6	12
5	Formation and Application of Core-Shell of FePt-Au Magnetic Plasmonic Nanoparticles. Frontiers in Chemistry, 2021, 9, 653718.	1.8	8
6	Magnetostrictive properties of sputter-prepared Fe ₇₁ Co ₁₀ Ga ₁₉ films on Si(100) substrates. Journal of Alloys and Compounds, 2021, 892, 162186.	2.8	0
7	Real-time monitoring of order-disorder transformation of FePt thin films by light scattering. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'uan, 2021, 44, 170-176.	0.6	0
8	Large stress-induced anisotropy in soft magnetic films for synthetic spin valves. Applied Physics Letters, 2021, 119, 242402.	1.5	1
9	Phase modification and magnetic energy product enhancement of PrCo ₅ -based nanomaterials due to carbon addition. Journal of Physics and Chemistry of Solids, 2020, 136, 109197.	1.9	3
10	Improvement of magneto-mechanical properties in quenched Fe-rich Fe ₈₇ Ga ₁₃ alloy. Journal of Magnetism and Magnetic Materials, 2020, 498, 166097.	1.0	4
11	Magnetic property improvement of melt spun LaCo ₅ -based nanocomposites with Y, Fe and C substitutions. Journal of Alloys and Compounds, 2020, 821, 153271.	2.8	5
12	Multiferroic and nanomechanical properties of Bi _{1-x} R _x FeO ₃ polycrystalline films (R=La, Pr, Sm, and Tb) on glass substrates. Journal of Applied Physics, 2020, 123, 084101.	2.8	8
13	Comparison on the $\mu_0 H_c$ effect in Fe ₈₇ Ga ₁₃ alloy by doping Dy and Tb. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 262, 114747.	1.7	2
14	Magneto-mechanical properties of Fe _{100-x} Al _x alloys (x= 14-27) prepared by directional solidification. Journal of Alloys and Compounds, 2020, 844, 156086.	2.8	2
15	High energy product Fe _x Pt _{100-x} thin films (x=60-66) prepared by rapid thermal annealing. Surface and Coatings Technology, 2020, 397, 125978.	2.2	0
16	Magnetic properties and structure of CoFe/MnN films with Ta layers. Surface and Coatings Technology, 2020, 398, 126098.	2.2	2
17	Multiferroic properties of Bi _{0.95} R _{0.05} FeO ₃ polycrystalline films on the glass substrates (R=La, Pr, Nd, Tb) on glass substrates. Journal of Applied Physics, 2020, 123, 084101.	1.3	5
18	Correlation between phase composition and exchange bias in CoFe/MnN and MnN/CoFe polycrystalline films. AIP Advances, 2020, 10, 025035.	0.6	4

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19	Effect of Pr substitution on the structure, nanomechanical and multiferroic characterizations of Bi _{1-x} Pr _x FeO ₃ polycrystalline films. Surface and Coatings Technology, 2020, 393, 125728.	2.2	6
20	L ₁ FePt Films with Optimal (001) Texture on Amorphous SiO ₂ /Si Substrates for High-Density Perpendicular Magnetic Recording Media. ACS Applied Nano Materials, 2019, 2, 5663-5673.	2.4	11
21	Comparison on the structure and exchange bias in Co/MnPt and MnPt/Co polycrystalline films on glass substrates. AIP Advances, 2019, 9, 035330.	0.6	3
22	Structural evolution, ferroelectric, and nanomechanical properties of Bi _{1-x} Sm _x FeO ₃ films (x = 0.05–0.16) on glass substrates. Journal of Alloys and Compounds, 2019, 787, 397-406.	2.8	11
23	Comparison on the coercivity enhancement of sintered NdFeB magnets by grain boundary diffusion with low-melting (Tb, R) ₇₅ Cu ₂₅ alloys (R = None, Y, La, and Ce). AIP Advances, 2019, 9, .	0.6	17
24	Magnetic properties and microstructure of melt spun YCo _{5-x} M _x ribbons (M = C and Sn; x = 0–0.3). Journal of Alloys and Compounds, 2018, 747, 236-241.	2.8	3
25	Overview of the Ways for Enhancing the Coercivity of Hot-Deformed Nd ₂ Fe ₁₄ B-Type Magnets. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	6
26	Exchange bias in Co/MnPt polycrystalline films on Si(100)/SiO ₂ substrates with Ta underlayer. Thin Solid Films, 2018, 660, 834-839.	0.8	7
27	Improved perpendicular magnetic properties of pulsed-dc-sputtered FePt thin films. Surface and Coatings Technology, 2018, 350, 795-800.	2.2	3
28	Significant coercivity enhancement of hot deformed NdFeB magnets by doping Ce-containing (PrNdCe) ₇₀ Cu ₃₀ alloys powders. Scripta Materialia, 2018, 146, 222-225.	2.6	37
29	Composition and thermal structural evolution in Pr modified bismuth ferrite near the morphotropic phase boundary. Journal of Alloys and Compounds, 2018, 768, 903-913.	2.8	12
30	Hard Magnetic Property Improvement of Melt-Spun PrCo ₅ Ribbons by Fe and C Doping. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	2
31	Enhanced exchange bias fields for CoO/Co bilayers: influence of antiferromagnetic grains and mechanisms. Applied Surface Science, 2017, 405, 316-320.	3.1	14
32	Comparison on the Coercivity Enhancement of Hot-Deformed Nd ₂ Fe ₁₄ B-Type Magnets by Doping R ₇₀ Cu ₃₀ (R = Nd, Dy, and Tb) Alloy Powders. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	4
33	Effects of Pt Buffer Layer and Sr Content on Multiferroic (Bi, Sr)FeO ₃ Polycrystalline Thin Films on Glass Substrates. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	0
34	Magnetic Property Enhancement of Melt Spun YCo ₅ Ribbons by Fe and C Doping. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	2
35	Multiferroic Properties of BiFeO ₃ Films on CoPt(111) Electrode Layer on Glass Substrates at Reduced Temperatures. , 2016, , .		0
36	Structure and magnetic properties of 300-nm-thick FePt films with Hf underlayer. Journal of Physics and Chemistry of Solids, 2016, 98, 143-148.	1.9	2

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37	Multiferroic properties of Bi _{1-x} A _x FeO ₃ polycrystalline films on glass substrates (A = Ca, Sr, Ba and Tj) <i>ETQq1 1 0,784314 rgBT /Over</i>	2.8	16
38	Effect of Ta underlayer on magnetic properties of FeMn/NiFe films. <i>Surface and Coatings Technology</i> , 2016, 303, 148-153.	2.2	12
39	(110)-Textured Ca-doped BiFeO ₃ film on refined Pt(111) electrode layer on glass substrate at reduced temperature. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 673-676.	1.0	3
40	Magnetic properties improvement of melt spun Co _{86.5} Hf _{11.5} B ₂ nanocomposites by refractory elements substitution. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 1139-1144.	1.0	3
41	Nanoindentation Study of FePt Thin Films Deposited by Radio Frequency Magnetron Sputtering. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 260-265.	0.4	10
42	Magnetic properties improvement of melt spun Co _{86.5} Hf _{11.5} B ₂ nanocomposites by refractory elements substitution. , 2015, , .		0
43	Domain wall pinning on strain relaxation defects (stacking faults) in nanoscale FePd (001)/MgO thin films. <i>Applied Physics Letters</i> , 2015, 107, .	1.5	18
44	Texture control of multiferroic BiFeO ₃ polycrystalline films on glass substrates with various metal electrode underlayers. <i>Journal of Applied Physics</i> , 2015, 117, 17C713.	1.1	3
45	Formation of BiFeO ₃ (110) films on ferromagnetic CoPt(111) electrode layer on glass substrates at reduced temperatures. <i>Journal of Applied Physics</i> , 2015, 117, 17C721.	1.1	5
46	Effect of Ba substitution on the multiferroic properties of BiFeO ₃ films on glass substrates. <i>Journal of Applied Physics</i> , 2015, 117, 17C734.	1.1	11
47	Hard Magnetic Property Improvement of Sputter-Prepared FePd Films on Glass Substrates by Underlayering With Refractory Nb, Mo, and W Elements. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	1.2	6
48	Perpendicular magnetic anisotropy of non-epitaxial hexagonal Co ₅₀ Pt ₅₀ thin films prepared at room temperature. <i>Journal of Alloys and Compounds</i> , 2015, 628, 263-266.	2.8	5
49	Effects of post-annealing on the structural and nanomechanical properties of sputter-deposited FePd thin films. <i>Journal of Alloys and Compounds</i> , 2015, 648, 980-985.	2.8	5
50	Multiferroic properties of (Bi, Ca)FeO ₃ films on glass substrates. <i>Applied Surface Science</i> , 2015, 355, 121-126.	3.1	5
51	Martensitic Transitions and Magnetocaloric Properties in Mn _{49-x} CoxNi ₄₁ Sn ₁₀ (x = 0-4) Ribbons. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	1.2	1
52	Inhomogeneity on texture, microstructure and magnetic properties of hot deformed R ₂ Fe ₁₄ B-typed magnet. <i>International Journal of Modern Physics B</i> , 2015, 29, 1540007.	1.0	3
53	Investigation of the properties of BiFeO ₃ /intermediate-layer structures fabricated by magnetron sputtering. <i>Physics of the Solid State</i> , 2015, 57, 1764-1771.	0.2	0
54	Optimization of permanent magnetic properties in melt spun Co _{82-x} Hf _{12+x} B ₆ (x = 0-4) nanocomposites. <i>Journal of Applied Physics</i> , 2015, 117, 17A717.	1.1	2

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55	Magnetic property improvement of sputter-prepared FePd films on glass substrates with W underlayer. Journal of Alloys and Compounds, 2015, 622, 1013-1017.	2.8	10
56	Origins of the significant improvement in nanocrystalline Samarium-Cobalt's magnetic properties when doping with Niobium. Journal of Alloys and Compounds, 2015, 622, 262-268.	2.8	11
57	Hard magnetic property enhancement of Co7Hf-based ribbons by boron doping. Applied Physics Letters, 2014, 105, .	1.5	19
58	Magnetic behaviors in melt spun Fe ₅₂ Mn ₂₃ Ga ₂₅ (x=0-3) ribbons. Journal of Applied Physics, 2014, 115, 17D709.	1.1	0
59	Perpendicular magnetic anisotropic Pr-Fe-B thin films on glass substrates. Journal of Applied Physics, 2014, 115, .	1.1	8
60	Optimization of high frequency characteristics in Co-Ta thin films. Journal of Applied Physics, 2014, 115, 17A312.	1.1	3
61	Exchange bias and crystal structure of epitaxial (111) FePt/BiFeO ₃ sputtered thin films. Journal of Applied Physics, 2014, 115, 17D903.	1.1	2
62	Formation of perovskite BiFeO ₃ (001) films on refined Pt(111) electrode layer with reduced thickness on glass substrates. Journal of Applied Physics, 2014, 115, 17D912.	1.1	6
63	A study on the magnetic properties of melt spun Co-Hf-Zr-B nanocomposite ribbons. Journal of Applied Physics, 2014, 115, .	1.1	12
64	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.	1.0	3
65	Photovoltaic Property of Multiferroic BiFeO ₃ Films With Different Textures on Glass Substrates. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	1
66	Magnetic Properties and Microstructure of Directly Quenched R-Fe-Ti-Zr-Cr-B-C Bulk Magnets (R=Nd, Pr, and Mischmetals). IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	3
67	Effect of Substrates on the Structure and Ferroelectric Properties of Multiferroic BiFeO ₃ Films. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	2
68	Magnetic Property Enhancement of FePt Films by Zr Underlayering. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	1
69	Magnetocaloric Properties of Melt-Spun Fe-Ni-Mn-Ga Ribbons. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	0
70	Energy product enhancement of FePt films by underlayering with Ti, Zr, and Hf. Applied Surface Science, 2014, 313, 755-761.	3.1	11
71	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.	2.8	10
72	A Study on the Phase Evolution and Magnetic Properties of Nd _{9.5} -1.5Fe ₁₅ -2.5Ti _{0.5} Zr _{0.5} B ₁₅ +2M Bulk Magnets. IEEE Transactions on Magnetics, 2013, 49, 3364-3367.	1.2	2

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73	Magnetic properties enhancement of melt spun CoZrB ribbons by elemental substitutions. Journal of Magnetism and Magnetic Materials, 2013, 346, 74-77.	1.0	28
74	Comparison on the magnetic properties, phase evolution and microstructure of directly quenched Pr ^{1-x} Fe ^x Ti ^{1-x} B-based ribbons and rods. Journal of Alloys and Compounds, 2013, 551, 694-701.	2.8	3
75	Photovoltaic property of sputtered BiFeO ₃ thin films. Journal of Alloys and Compounds, 2013, 574, 402-406.	2.8	28
76	Magnetic properties, phase and microstructure of direct cast Nd _{9.5} Fe ₁₀ Co ₁₀ Mn ₁₅ rod magnets. Journal of Magnetism and Magnetic Materials, 2013, 326, 108-111.	1.0	4
77	High quality multiferroic BiFeO ₃ films prepared by pulsed laser deposition on glass substrates at reduced temperatures. Journal of Applied Physics, 2013, 113, .	1.1	12
78	Exchange bias in sputtered FM/BiFeO ₃ thin films (FM = Fe and Co). Journal of Applied Physics, 2012, 111, 1.1		21
79	Magnetic properties and crystal structure of melt-spun Sm(Co _{1-x} M _x) ₇ (M = Al and Si) ribbons. Journal of Applied Physics, 2012, 111, .	1.1	24
80	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.	1.1	6
81	Sputter-prepared BiFeO ₃ (001) films on L10 FePt(001)/glass substrates. Journal of Applied Physics, 2012, 111, 07D918.	1.1	18
82	Effect of Co addition on the microstructure and magnetic properties of Nd _{9.5} Fe ₁₀ CoxNb _{2.5} Zr _{0.5} B ₁₅ (x=0, 10, 20) bulk magnets. Journal of Alloys and Compounds, 2012, 538, 28-33.	2.8	4
83	Magnetostriction and \hat{E} effect of melt-spun (Fe _{81-x} CoxGa ₁₉) ₈₀ B ₂₀ ribbons. Journal of Applied Physics, 2012, 112, 053904.	1.1	5
84	Magnetic properties, phase evolution, and microstructure of melt spun Sm(Co _{0.97} Ti _{0.03}) _{1-x} Cy (x=5 \times 10 ⁻³ ; y=0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0) ribbons. Journal of Applied Physics, 2011, 110, 07A333.	1.9	10
85	Magnetic properties, phase evolution, and microstructure of melt spun Sm(Co _{1-x} Zrx) ₁₀ Cy (x=5 \times 10 ⁻³ ; y=0.0, 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0) ribbons. Journal of Applied Physics, 2011, 110, 07A334.	1.0	10
86	Composition dependence of magnetic properties of directly quenched Nd ^{1-x} Fe ^x Ti ^{1-x} Zr ^{1-x} B bulk magnets. Journal of Alloys and Compounds, 2011, 509, 1249-1254.	2.8	11
87	Investigation of Magnetic Properties and Microstructure of Ultrathin Co Films Grown on Si(111)-7 \times 7 Surface. Journal of Nanoscience and Nanotechnology, 2011, 11, 2696-2699.	0.9	0
88	Magnetic Properties, Phase Evolution, and Microstructure of Melt Spun Hf-Substituted Sm(Co _{0.97} Hf _{0.03}) _{1-x} Cy (x=5 \times 10 ⁻³ ; y=0.0, 0.1) Nanocomposites. Journal of Nanoscience and Nanotechnology, 2011, 11, 2722-2725.	0.9	0
89	Magnetic Properties of Melt Spun Mischmetals-Fe-Ti-B Nanocomposite Ribbons. Journal of Nanoscience and Nanotechnology, 2011, 11, 2756-2760.	0.9	2
90	IMPROVEMENT OF MAGNETIC PROPERTIES AND SIZE OF DIRECTLY CASTED Nd-Fe-B BULK MAGNETS BY Ti/Zr COSUBSTITUTIONS. , 2011, , .		0

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91	Magnetic properties and microstructure of bulk Nd-Fe-B magnets solidified in magnetic field. Journal of Applied Physics, 2011, 109, .	1.1	13
92	Magnetic Properties and Crystal Structure of Melt Spun $\text{SmCo}_{7-x}\text{Sn}_x$ ($x=0\text{--}0.6$) Ribbons. IEEE Transactions on Magnetics, 2011, 47, 3332-3335.	1.2	9
93	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.	1.2	7
94	High Magnetic Anisotropy Field in CoZr Thin Films. IEEE Transactions on Magnetics, 2011, 47, 3924-3927.	1.2	7
95	Alloying effect on the magnetic properties of RFeB-type bulk magnets. Journal Physics D: Applied Physics, 2011, 44, 064002.	1.3	23
96	Effect of Ge on the magnetic properties and crystal structure of melt spun $\text{SmCo}_7\text{-xGe}_x$ ribbons. Journal of Applied Physics, 2011, 109, .	1.1	18
97	Structures and magnetocaloric effects of $\text{Gd}_{65}\text{RE}_x\text{Fe}_{20}\text{Al}_{15}$ ($x=0\text{--}20$; RE=Tb, Dy, Ho, and Er) ribbons. Journal of Applied Physics, 2011, 109, 07A933.	1.1	10
98	Magnetic properties and high frequency characteristics of sputtered FeAl and FeAlB. Journal of Physics: Conference Series, 2011, 266, 012031.	0.3	1
99	Co Nanoislands on Au(111) and Cu(111) Surfaces Studied by Scanning Tunneling Microscopy and Spectroscopy. Journal of Nanoscience and Nanotechnology, 2010, 10, 4663-4666.	0.9	4
100	A study of the magnetic properties and high-frequency characteristics of Fe-Co/FeCoB-based bilayer films. Physica Scripta, 2010, T139, 014031.	1.2	2
101	Enhancement of coercivity for melt-spun $\text{SmCo}_7\text{-xTa}_x$ ribbons with Ta addition. Journal of Applied Physics, 2010, 107, .	1.1	9
102	Magnetic properties, phase evolution, and microstructure of melt spun $\text{Sm}(\text{Co},\text{M})\text{-xCy}$ (M=Hf and Zr; $x=0\text{--}10$) ribbons. Journal of Applied Physics, 2010, 107, 09A901.	1.1	13
103	Effects of C and Cr contents on the magnetic properties and microstructure of directly quenched NdFeTiZrCrBC bulk magnets. Journal of Applied Physics, 2010, 107, .	1.1	13
104	Crystal structure and magnetic properties of melt spun $\text{SmCo}_7\text{-xM}_x$ (M=Ta, Cr, and Mo; $x=0\text{--}0.6$) ribbons. Journal of Applied Physics, 2010, 107, .	1.1	14
105	Magnetic property enhancement of directly quenched Nd-Fe-B bulk magnets with Ti substitution. Journal of Alloys and Compounds, 2010, 489, 499-503.	2.8	20
106	Thermal stability and magnetocaloric effect of the $\text{Gd}_{65}\text{Fe}_{20}\text{Al}_{15}\text{-xB}_x$ ($x=0\text{--}7$) glassy ribbons. Journal of Applied Physics, 2010, 107, 09A901.	1.1	21
107	Effect of initial stress/strain state on order-disorder transformation of FePt thin films. Applied Physics Letters, 2009, 94, .	1.5	79
108	Magnetocaloric effect in Fe-Zr-B-M (M=Mn, Cr, and Co) amorphous systems. Journal of Applied Physics, 2009, 105, .	1.1	44

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109	Effect of B content on the magnetic properties, phase evolution, and aftereffect of nanocrystalline FeCoPtB ribbons. Journal of Applied Physics, 2009, 105, 07A746.	1.1	5
110	Improvement of size and magnetic properties of Nd _{9.5} Fe _{72.5} Ti ₃ B ₁₅ bulk magnets by Zr or Nb substitution for Ti. Journal of Applied Physics, 2009, 105, 07A742.	1.1	12
111	PHASE EVOLUTION AND MAGNETIC PROPERTIES OF TbCu ₇ -TYPE (Sm, _y) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (Pr)Co _{7-x} (x = 0-0.5; y = 0-0.14) RIBBONS. International Journal of Modern Physics B, 2009, 23, 1663-1669.	1.0	3
112	MAGNETIC PROPERTIES AND CRYSTAL STRUCTURE OF MELT SPUN Sm(Co, _y) Tj ETQq0 0.0 rgBT /Overlock 10 Tf 50 667 Td (Pr)Co _{7-x} (x = 0-0.5; y = 0-0.14) RIBBONS. International Journal of Modern Physics B, 2009, 23, 1663-1669.	1.0	5
113	High magnetic properties of nanocomposite ribbons made with Mischmetals Fe-Co-Ti-B alloys. Journal of Applied Physics, 2009, 105, .	1.1	11
114	Study on strengthening and toughening of sintered rare-earth permanent magnets. Journal of Applied Physics, 2009, 105, .	1.1	22
115	Tetragonal-to-Cubic Transformation of CoPt in Post-Annealed CoPt and CoPt/Au Thin Films. IEEE Transactions on Magnetics, 2009, 45, 2682-2685.	1.2	5
116	Development of bulk Nd _{9.5} Fe _{75.5} M _x B ₁₅ (M=Mo, Nb, Ta, Ti, and Zr; x=0-4) magnets by direct casting method. Journal of Alloys and Compounds, 2009, 484, 143-146.	2.8	20
117	Magnetic properties, phase evolution, and structure of melt spun SmCo ₇ xNbx (x=0-0.6) ribbons. Journal of Applied Physics, 2009, 105, 07A731.	1.1	23
118	Crystal structure and magnetic properties of melt spun Sm(Co,V) ₇ ribbons. Journal of Applied Physics, 2009, 105, 07A705.	1.1	20
119	The role of nonmagnetic phases in improving the magnetic properties of devitrified Pr ₂ Fe ₁₄ B-based nanocomposites. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 149, 73-76.	1.7	5
120	The role of combined addition of Ti and B in magnetic hardening of devitrified Pr ₂ Fe ₁₄ B/(Fe ₃ B, Fe) nanocomposite magnets. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 1207-1210.	0.8	2
121	Effect of C addition on the magnetic properties, phase evolution, and microstructure of melt spun ribbons. Solid State Communications, 2008, 147, 69-73.	0.9	9
122	Magnetic properties, phase evolution and microstructure of directly quenched bulk Pr-Fe-B-Nb magnets. Scripta Materialia, 2008, 59, 227-230.	2.6	19
123	Effect of Microstructure Refinement on Magnetic Properties of Fe-Pt Thin Films. IEEE Transactions on Magnetics, 2008, 44, 4195-4198.	1.2	5
124	HIGH MAGNETIC PROPERTIES OF TbCu ₇ -TYPE MELT SPUN (Sm, Pr)Co _{7-x} Hf _x Cy RIBBONS. Functional Materials Letters, 2008, 01, 183-187.	0.7	2
125	Microstructure and magnetocaloric effect of melt-spun Y ₂ Fe ₁₇ ribbons. Journal of Applied Physics, 2008, 103, 07B302.	1.1	14
126	Magnetization reversal and microstructure of FePt-Ag (001) particulate thin films for perpendicular magnetic recording media. Journal of Applied Physics, 2008, 103, 07E116.	1.1	8

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127	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, .	1.1	14
128	Magnetic property improvement of Pt-lean FePt \cdot Fe \cdot B-type nanocomposites by Co substitution. Journal of Applied Physics, 2008, 103, .	1.1	13
129	Large energy density enhancement in FePt films by microstructure refining. Journal of Applied Physics, 2008, 103, 07E115.	1.1	6
130	Self-organized magnetic assemblies of (001) oriented FePt nanoparticles with SiO ₂ additive. Nanotechnology, 2007, 18, 335603.	1.3	10
131	Coercivity enhancement of melt spun FePt ribbons by Au addition. Journal of Applied Physics, 2007, 101, 09K514.	1.1	8
132	Magnetic properties, phase evolution, and microstructure of melt spun SmCo ₇ \cdot xHf \cdot Cy (x=0 \cdot 0.5); Tj ETQq0 0 0,rgBT /Overlock 10 TF	1.1	23
133	Preannealing effect on ordering transformation and magnetic properties of CoPt thin films. Journal of Applied Physics, 2007, 101, 09K526.	1.1	7
134	Microstructure study of the Co-added FePt thin films with high energy density. Physica Status Solidi (A) Applications and Materials Science, 2007, 204, 4162-4165.	0.8	0
135	Magnetic properties, phase evolution and coercivity mechanism of Pr \cdot Fe \cdot Ti \cdot B-based nanocomposites with Co/C cosubstitution. Scripta Materialia, 2007, 56, 429-432.	2.6	18
136	Comparison on the magnetic properties and phase evolution of melt-spun SmCo ₇ ribbons with Zr and Hf substitution. Scripta Materialia, 2007, 56, 1099-1102.	2.6	46
137	Effect of Ag Segregation on Reversal Behavior of (FePt) ₇₇ Ag ₂₃ Alloy Thin Films. IEEE Transactions on Magnetics, 2007, 43, 3001-3003.	1.2	5
138	Grain Refining and Decoupling in FePt/SiO ₂ Nanogranular Films for Magnetic Recording. IEEE Transactions on Magnetics, 2007, 43, 2124-2126.	1.2	3
139	Effect of C on Phase Evolution, Microstructure, and Magnetic Properties of Pr ₂ Fe ₁₄ B-Type Nanocomposites. Journal of Iron and Steel Research International, 2006, 13, 136-145.	1.4	1
140	Investigation of magnetic properties, phase evolution, and microstructure of melt spun PrFeTiBC nanocomposites. Journal of Alloys and Compounds, 2006, 424, 376-381.	2.8	7
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