

# D J Sellmyer

## List of Publications by Year in descending order

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283  
papers

8,927  
citations

43973

48  
h-index

56606

83  
g-index

286  
all docs

286  
docs citations

286  
times ranked

5376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure and Dzyaloshinskiâ€Moriya Micromagnetics. IEEE Transactions on Magnetics, 2019, 55, 1-5.	1.2	15
2	Structural and magnetic properties of Co-V nanoparticles. AIP Advances, 2019, 9, .	0.6	2
3	Boundary conditions and Berry phase in magnetic nanostructures. AIP Advances, 2019, 9, 125049.	0.6	1
4	Noncollinear spin structure in $F_{e_{1-x}Mn_3}O_C$	0.9	5
5	Structural, magnetic, and electron-transport properties of epitaxial Mn <sub>2</sub> PtSn films. Journal of Applied Physics, 2018, 124, 103903.	1.1	11
6	Theory of Mn-Based High-Magnetization Alloys. IEEE Transactions on Magnetics, 2018, 54, 1-6.	1.2	8
7	Half-metallic magnetism in Ti <sub>3</sub> Co <sub>5-x</sub> Fe <sub>x</sub> B <sub>2</sub> . AIP Advances, 2017, 7, .	0.6	2
8	Effect of Fe substitution on the structural, magnetic and electron-transport properties of half-metallic Co <sub>2</sub> TiSi. AIP Advances, 2017, 7, .	0.6	14
9	Exploring new phases of Fe <sub>3-x</sub> Co <sub>x</sub> C for rare-earth-free magnets. Journal Physics D: Applied Physics, 2017, 50, 215005.	1.3	11
10	Effect of disorder on the resistivity of CoFeCrAl films. AIP Advances, 2017, 7, 055834.	0.6	12
11	Cooperative and noncooperative magnetization reversal in alnicos. AIP Advances, 2017, 7, 056222.	0.6	2
12	Nonadiabatic Berry phase in nanocrystalline magnets. AIP Advances, 2017, 7, 055802.	0.6	1
13	Exchange-coupling behavior in nanostructured FePt/Fe bilayer films. AIP Advances, 2016, 6, 056010.	0.6	5
14	Direct gas-phase formation of complex coreâ€shell and three-layer Mnâ€Bi nanoparticles. RSC Advances, 2016, 6, 92765-92770.	1.7	8
15	Structural disorder and magnetism in the spin-gapless semiconductor CoFeCrAl. AIP Advances, 2016, 6, .	0.6	33
16	Micromagnetism of MnBi:FeCo thin films. Journal Physics D: Applied Physics, 2016, 49, 075003.	1.3	7
17	Ferromagnetism in Laves-phase WFe <sub>2</sub> nanoparticles. APL Materials, 2015, 3, .	2.2	5
18	From FePtâ€Fe <sub>3</sub> O <sub>4</sub> to L <sub>1</sub> <sub>0</sub> -FePtâ€Fe nanocomposite magnets with a gradient interface. Journal of Materials Chemistry C, 2015, 3, 7075-7080.	2.7	41

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19	Effect of Co substitution on the magnetic and electron-transport properties of Mn <sub>2</sub> PtSn. Journal of Physics Condensed Matter, 2015, 27, 076002.	0.7	16
20	Synthesis and magnetism of single-phase Mn-Ga films. Journal of Applied Physics, 2015, 117, .	1.1	9
21	Magnetism of hexagonal Mn <sub>1.5</sub> X <sub>0.5</sub> Sn (X = Cr, Mn, Fe, Co) nanomaterials. Journal of Applied Physics, 2015, 117, .	1.1	10
22	Structural, magnetic, and electron transport properties of Mn <sub>3</sub> Pt <sub>x</sub> Sn (x = 0, 0.5, 1) nanomaterials. Journal of Applied Physics, 2014, 115, .	1.1	12
23	Monodisperse MPt (M = Fe, Co, Ni, Cu, Zn) Nanoparticles Prepared from a Facile Oleylamine Reduction of Metal Salts. Nano Letters, 2014, 14, 2778-2782.	4.5	156
24	Kondorski reversal in magnetic nanowires. Journal of Applied Physics, 2014, 115, .	1.1	12
25	Hf-Co and Zr-Co alloys for rare-earth-free permanent magnets. Journal of Physics Condensed Matter, 2014, 26, 064204.	0.7	76
26	Permanent magnetism of intermetallic compounds between light and heavy transition-metal elements. Journal of Physics Condensed Matter, 2014, 26, 064209.	0.7	27
27	Direct chemical synthesis of L1 <sub>0</sub> -FePtAu nanoparticles with high coercivity. Nanoscale, 2014, 6, 12050-12055.	2.8	53
28	Exploring the Structural Complexity of Intermetallic Compounds by an Adaptive Genetic Algorithm. Physical Review Letters, 2014, 112, 045502.	2.9	97
29	Solubility extension and phase formation in gas-condensed Co-W nanoclusters. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	8
30	Predicting the Future of Permanent-Magnet Materials. IEEE Transactions on Magnetism, 2013, 49, 3215-3220.	1.2	168
31	Magnetic and Structural Properties of Rapidly Quenched Tetragonal Mn <sub>3-<i>x</i></sub> Ga Nanostructures. IEEE Transactions on Magnetism, 2013, 49, 3277-3280.	1.2	38
32	Magnetism of MnBi-Based Nanomaterials. IEEE Transactions on Magnetism, 2013, 49, 3318-3321.	1.2	25
33	Mn <sub>7</sub> -Based Rare-Earth-Free Permanent-Magnet Alloys. IEEE Transactions on Magnetism, 2013, 49, 3330-3333.	1.2	32
34	Magnetism of Rapidly Quenched Sm <sub>1-<i>x</i></sub> Zr <sub><i>x</i></sub> Co <sub>5</sub> Nanocrystalline Materials. IEEE Transactions on Magnetism, 2013, 49, 3353-3355.	1.2	0
35	Hf Doping Effect on Hard Magnetism of Nanocrystalline Zr <sub>18</sub> Hf <sub><i>x</i></sub> Co <sub>82</sub> Ribbons. IEEE Transactions on Magnetism, 2013, 49, 3394-3397.	1.2	13
36	Intrinsic Properties of Fe-Substituted L1 <sub>0</sub> Magnets. IEEE Transactions on Magnetism, 2013, 49, 5194-5198.	1.2	23

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37	One-Pot Synthesis of Urchin-like FePd@Fe <sub>3</sub> O <sub>4</sub> and Their Conversion into Exchange-Coupled L10@FePd@Fe Nanocomposite Magnets. Nano Letters, 2013, 13, 4975-4979.	4.5	87
38	Finite-Temperature Micromagnetism. IEEE Transactions on Magnetics, 2013, 49, 3229-3232.	1.2	12
39	Structural and magnetic properties of Pr-alloyed MnBi nanostructures. Journal Physics D: Applied Physics, 2013, 46, 095003.	1.3	38
40	Effect of Exchange Interactions on the Coercivity of SmCo <sub>5</sub> Nanoparticles Made by Cluster Beam Deposition. Advanced Functional Materials, 2013, 23, 3262-3267.	7.8	38
41	Structure and magnetism of dilute Co(Zr) nanoclusters. Journal of Applied Physics, 2013, 113, .	1.1	7
42	Magnetism of rapidly quenched rhombohedral Zr <sub>2</sub> Co <sub>11</sub> -based nanocomposites. Journal Physics D: Applied Physics, 2013, 46, 135004.	1.3	42
43	Magnetic Domain Structure of Nanocrystalline Zr <sub>18-x</sub> Hf <sub>x</sub> Co <sub>82</sub> Ribbons: Effect of Hf. Materials Research Society Symposia Proceedings, 2013, 1557, 1.	0.1	1
44	Susceptibility of Fe atoms in Cu clusters. Journal of Applied Physics, 2013, 113, 17E148.	1.1	5
45	Magnetism and electron transport of Mn <sub>y</sub> Ga (1<math>\leq y \leq 2</math>) nanostructures. Journal of Applied Physics, 2013, 114, 013906.	1.1	43
46	Spin and elastic contributions to isothermal entropy change. Journal of Applied Physics, 2012, 111, .	1.1	5
47	L10 CrPt phase formation and magnetic properties. Journal of Applied Physics, 2012, 111, 07D720.	1.1	6
48	Structural and magnetic properties of Mn <sub>2</sub> +TiSn. Journal of Applied Physics, 2012, 111, 07B101.	1.1	1
49	Hysteresis and relaxation in granular permanent magnets. Journal of Applied Physics, 2012, 111, 07B507.	1.1	0
50	Aligned and exchange-coupled L10(Fe,Co)Pt-based magnetic films. Journal of Applied Physics, 2012, 111, 07B537.	1.1	10
51	A quantum-mechanical relaxation model. Journal of Applied Physics, 2012, 111, 07D507.	1.1	1
52	Isothermal entropy changes in nanocomposite Co:Ni <sub>67</sub> Cu <sub>33</sub> . Journal of Applied Physics, 2012, 111, .	1.1	8
53	Assembly of uniaxially aligned rare-earth-free nanomagnets. Applied Physics Letters, 2012, 101, .	1.5	69
54	Magnetism and structure of anatase (Ti <sub>1-x</sub> V <sub>x</sub> )O <sub>2</sub> films. Journal of Applied Physics, 2012, 111, .	1.1	4

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55	One-step fabrication of L1 FePt nanocubes and rods by cluster beam deposition. Journal of Applied Physics, 2012, 111, .	1.1	7
56	Structural, magnetic, and electron transport properties of MnBi:Fe thin films. Journal of Applied Physics, 2012, 111, .	1.1	28
57	Magnetism of dilute Co(Hf) and Co(Pt) nanoclusters. Journal of Applied Physics, 2012, 111, 07B532.	1.1	6
58	Ultrahard magnetic nanostructures. Journal of Applied Physics, 2012, 111, 07E345.	1.1	13
59	Nanomagnetic skyrmions. Journal of Applied Physics, 2012, 111, 07E116.	1.1	9
60	Structure and magnetic properties of Co-W clusters produced by inert gas condensation. Journal of Applied Physics, 2012, 111, 07B524.	1.1	12
61	Transport spin polarization of high Curie temperature MnBi films. Physical Review B, 2011, 83, .	1.1	44
62	Aligned and exchange-coupled FePt-based films. Applied Physics Letters, 2011, 99, .	1.5	46
63	Layered transition-metal permanent-magnet structures. Journal of Applied Physics, 2011, 109, .	1.1	2
64	Anisotropy of zigzag chains of palladium. Journal of Applied Physics, 2011, 109, 07E322.	1.1	4
65	Structure and magnetism of MnAu nanoclusters. Journal of Applied Physics, 2011, 109, 07B523.	1.1	6
66	Magnetic entropy changes in nanogranular Fe:Ni <sub>61</sub> Cu <sub>39</sub> . Journal of Applied Physics, 2011, 109, .	1.1	6
67	Anisotropy of W in Fe and Co. IEEE Transactions on Magnetics, 2011, 47, 3336-3339.	1.2	13
68	Synthesis of single-crystal Sm-Co nanoparticles by cluster beam deposition. Journal of Nanoparticle Research, 2011, 13, 7005-7012.	0.8	20
69	Structure and magnetic properties of annealed metastable FeAg/Pt films. Applied Physics A: Materials Science and Processing, 2011, 103, 301-307.	1.1	1
70	Spin correlations and electron transport in MnBi:Au films. Journal of Applied Physics, 2011, 109, 07B709.	1.1	18
71	Anisotropy of heavy transition metal dopants in Co. Journal of Applied Physics, 2011, 109, .	1.1	6
72	Structure and magnetism of Co:CoO core-shell nanoclusters. Journal of Nanoparticle Research, 2010, 12, 789-794.	0.8	8

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73	Control of Coercivity in Exchange-Coupled Graded (001) $\text{FePt}/\text{SiO}_2$ Nanocomposite Films. IEEE Transactions on Magnetics, 2010, 46, 2435-2437.	1.2	7
74	Enhanced L10 Ordering and (001) Orientation in FePt: Ag Nanocomposite Films by Monatomic Layer Deposition. IEEE Transactions on Magnetics, 2010, 46, 1817-1820.	1.2	4
75	Effects of total thickness on (001) texture, surface morphology, and magnetic properties of $[\text{Fe}/\text{Pt}]_n$ multilayer films by monatomic layer deposition. Journal of Applied Physics, 2010, 108, 073906.	1.1	9
76	Magnetic anisotropy in itinerant magnets. Journal of Applied Physics, 2010, 107, .	1.1	25
77	Structural, magnetic and magneto-transport properties of Pt-alloyed MnBi thin films. Journal of Applied Physics, 2010, 107, .	1.1	26
78	Reversibility and coercivity of Fe-alloy/Fe:SiO <sub>2</sub> multilayers. Journal of Applied Physics, 2010, 107, 09E710.	1.1	3
79	Magnetic susceptibility of nanoscale Kondo systems. Journal of Applied Physics, 2010, 107, .	1.1	4
80	Entropy localization in magnetic compounds and thin-film nanostructures. Journal of Applied Physics, 2010, 107, 09A922.	1.1	11
81	Permittivity and permeability of Fe(Tb) nanoparticles and their microwave absorption in the 18 GHz range. Journal of Applied Physics, 2010, 107, .	1.1	19
82	Magnetic properties of nickel hydroxide nanoparticles. Journal of Applied Physics, 2010, 107, .	1.1	35
83	Magnetism of core-shell Ti:TiO nanoparticles. Journal of Applied Physics, 2010, 107, 09B516.	1.1	8
84	Permanent magnetism of dense-packed nanostructures. Journal of Applied Physics, 2010, 107, .	1.1	45
85	Graded permanent magnets. Journal of Applied Physics, 2009, 105, .	1.1	25
86	Magnetic correlations in nanocomposite FePt:Ag and FePt:C films. Journal of Applied Physics, 2009, 105, 07B736.	1.1	7
87	Structure and Magnetism of Pure and Co-Doped $\text{TiO}_2$ Clusters. IEEE Transactions on Magnetics, 2009, 45, 4089-4091.	1.2	7
88	Magnetism of TiO and TiO <sub>2</sub> nanoclusters. Journal of Applied Physics, 2009, 105, .	1.1	53
89	Dielectric and magnetic birefringence in low-chlorine-doped n-type $\text{Zn}_{1-x}\text{Mn}_x\text{Se}$ . Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 1007-1011.	0.8	0
90	Synthesis and magnetic characterizations of manganite-based composite nanoparticles for biomedical applications. Journal of Applied Physics, 2008, 103, .	1.1	36

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91	Nucleation and wall motion in graded media. Journal of Applied Physics, 2008, 103, 07F531.	1.1	49
92	Temperature- and field-induced entropy changes in nanomagnets. Journal of Applied Physics, 2008, 103, 07B329.	1.1	24
93	Magnetic properties of La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> thin films on SrTiO <sub>3</sub> and buffered Si substrates with varying thickness. Journal of Applied Physics, 2008, 103, .	1.1	53
94	Band-structure and correlation effects in the Co(111) planes of CoO. Journal of Applied Physics, 2008, 103, 07C908.	1.1	6
95	Proteresis in Co:CoO core-shell nanoclusters. Journal of Applied Physics, 2008, 103, 07D514.	1.1	13
96	Hysteresis of ultrasmall Fe@Pt particles. Journal of Applied Physics, 2008, 103, .	1.1	8
97	Structure, magnetic properties, and exchange coupling in thermally processed NdDyFeCoB±-Fe nanoscale multilayer magnets. Journal of Applied Physics, 2008, 103, 07E130.	1.1	5
98	Magnetic impurities in magic-number clusters. Journal of Applied Physics, 2007, 101, 09G524.	1.1	1
99	Temperature-dependent orbital-moment anisotropy in dilute magnetic oxides. Physical Review B, 2007, 75, .	1.1	13
100	Magnetization Reversal in Cubic Nanoparticles With Uniaxial Surface Anisotropy. IEEE Transactions on Magnetism, 2007, 43, 2890-2892.	1.2	10
101	Effective Demagnetizing Factors of Complicated Particle Mixtures. IEEE Transactions on Magnetism, 2007, 43, 2956-2958.	1.2	55
102	Ferromagnetic Multipods Fabricated by Solution Phase Synthesis and Hydrogen Reduction. IEEE Transactions on Magnetism, 2007, 43, 3115-3117.	1.2	4
103	Nanostructure and magnetic properties of highly (001) oriented L10 (Fe <sub>49</sub> Pt <sub>51</sub> ) <sub>1-x</sub> Cu <sub>x</sub> films. Journal of Applied Physics, 2006, 99, 08G903.	1.1	41
104	Indirect exchange in dilute magnetic semiconductors. Journal of Applied Physics, 2006, 99, 08D504.	1.1	7
105	New Magnetic Recording Media. , 2006, , 1539-1568.		1
106	Self-assembled nanocrystalline epitaxial manganite films on SrTiO <sub>3</sub> /Si heterostructures. Journal of Applied Physics, 2006, 99, 08Q307.	1.1	8
107	Laser Processing of Magnetic Materials. , 2006, , 1045-1063.		1
108	Cluster-Assembled Nanocomposites. , 2006, , 207-238.		9

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109	Nanostructured Exchange-Coupled Magnets. , 2006, , 182-266.		8
110	Intrinsic and Extrinsic Properties of Advanced Magnetic Materials. , 2006, , 1-57.		13
111	Structural effects on exchange in nanocluster perpendicular recording media. Journal of Applied Physics, 2006, 99, 08F909.	1.1	6
112	Finite-temperature anisotropy of magnetic alloys. Journal of Applied Physics, 2006, 99, 08E916.	1.1	39
113	Oxide-based dilute ferromagnetic semiconductors: ZnMnO and Co:TiO <sub>2</sub> . Journal of Applied Physics, 2006, 99, 08M108.	1.1	7
114	FePt clusters synthesized by thermal pyrolysis of Fe and Pt compounds in an organic solvent. Journal of Applied Physics, 2006, 99, 08G704.	1.1	9
115	Magnetic reversal in three-dimensional exchange-spring permanent magnets. Journal of Applied Physics, 2006, 99, 08B508.	1.1	17
116	Ferromagnetic resonance studies in ZnMnO dilute ferromagnetic semiconductors. Journal of Applied Physics, 2006, 99, 08M116.	1.1	14
117	Micromagnetic energy barriers. Journal of Applied Physics, 2006, 99, 08B906.	1.1	12
118	In-cluster-structured exchange-coupled magnets with high energy densities. Applied Physics Letters, 2006, 89, 122509.	1.5	27
119	Sample preparation and annealing effects on the ferromagnetism in Mn-doped ZnO. Journal of Applied Physics, 2005, 97, 10D303.	1.1	81
120	Cluster-assembled exchange-spring nanocomposite permanent magnets. Journal of Applied Physics, 2005, 97, 10K310.	1.1	8
121	Magnetic Aging. Materials Research Society Symposia Proceedings, 2005, 887, 1.	0.1	2
122	Fast and Slow Magnetization Processes in Magnetic Recording Media. Materials Research Society Symposia Proceedings, 2005, 887, 1.	0.1	0
123	Enhanced coercivity in thermally processed (Nd,Dy)(Fe,Co,Nb,B) <sub>5.5</sub> ±-Fe nanoscale multilayer magnets. Journal of Applied Physics, 2005, 97, 104308.	1.1	6
124	Template-mediated assembly of FePt L10 clusters under external magnetic field. Journal of Applied Physics, 2005, 97, 10J304.	1.1	12
125	Integration of epitaxial colossal magnetoresistive films onto Si(100) using SrTiO <sub>3</sub> as a template layer. Applied Physics Letters, 2005, 86, 012503.	1.5	37
126	Relaxation in magnetic nanostructures. Journal of Applied Physics, 2005, 97, 10A702.	1.1	4



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127	Highly (001)-oriented Ni-doped L10 FePt films and their magnetic properties. Journal of Applied Physics, 2005, 97, 10H309.	1.1	31
128	Noncollinear spin states and competing interactions in half-metals and magnetic perovskites. Journal of Applied Physics, 2005, 97, 10C305.	1.1	4
129	Anisotropic exchange. Journal of Applied Physics, 2005, 97, 10B302.	1.1	12
130	Magnetic materials for finite-temperature quantum computing. Journal of Applied Physics, 2005, 97, 10R511.	1.1	4
131	The effects of the thickness of magnetically hard- and soft-phase layers on magnetic properties and exchange coupling in multilayer magnets. Journal of Applied Physics, 2005, 97, 10K303.	1.1	5
132	Magnetic properties of dilute FePt:C nanocluster films. Journal of Applied Physics, 2005, 97, 10J320.	1.1	20
133	Rapidly annealed exchange-coupled Sm <sup>2+</sup> /Co multilayers. Journal of Applied Physics, 2005, 97, 10K304.	1.1	13
134	Effects of ion-beam irradiation on the L10 phase transformation and their magnetic properties of FePt and PtMn films (Invited). Materials Research Society Symposia Proceedings, 2005, 887, 1.	0.1	1
135	Effect of Au spacer layer on L10 phase ordering temperature of CoPt thin films. Journal of Applied Physics, 2004, 95, 7270-7272.	1.1	22
136	Growth and magnetism of FePt:C composites in nanoscale channels. Journal of Applied Physics, 2004, 95, 6741-6743.	1.1	12
137	Quantum entanglement of anisotropic magnetic nanodots. Physical Review A, 2004, 70, .	1.0	11
138	Magnetism of L10 compounds with the composition MT (M=Rh, Pd, Pt, Ir and T=Mn, Fe, Co, Ni). Journal of Applied Physics, 2004, 95, 7480-7482.	1.1	22
139	Magnetic nanotubes produced by hydrogen reduction. Journal of Applied Physics, 2004, 95, 7151-7153.	1.1	68
140	Interactions and switching behavior of anisotropic magnetic dots. Journal of Applied Physics, 2004, 95, 7414-7416.	1.1	10
141	Multidomain and incoherent effects in magnetic nanodots. Journal of Applied Physics, 2004, 95, 7022-7024.	1.1	11
142	First principles study of transition-metal substitutions in Sm <sup>2+</sup> /Co permanent magnets. Applied Physics Letters, 2004, 85, 2286-2288.	1.5	30
143	Nanotube magnetism. Applied Physics Letters, 2004, 84, 1525-1527.	1.5	181
144	Spin-wave modes in magnetic nanowires. Journal of Applied Physics, 2003, 93, 7604-7606.	1.1	27

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145	Structure and magnetic properties of sputtered hard/soft multilayer magnets. Journal of Applied Physics, 2003, 93, 8131-8133.	1.1	15
146	Magnetic properties of L10 FePt and FePt:Ag nanocluster films. Journal of Applied Physics, 2003, 93, 8289-8291.	1.1	50
147	Effects of rapid thermal annealing on nanostructure, texture and magnetic properties of granular FePt:Ag films for perpendicular recording (invited). Journal of Applied Physics, 2003, 93, 8152-8154.	1.1	62
148	CoPt hard magnetic nanoparticle films synthesized by high temperature chemical reduction. Journal of Applied Physics, 2003, 93, 7571-7573.	1.1	53
149	Magnetic hysteresis of mechanically alloyed Sm-Co nanocrystalline powders. Journal of Applied Physics, 2003, 93, 6495-6497.	1.1	22
150	Equivalence of sweep-rate and magnetic-viscosity dynamics. Journal of Applied Physics, 2003, 93, 6820-6822.	1.1	15
151	Studies of magnetic properties of the stabilizing layer for synthetic antiferromagnetically coupled media. Journal of Applied Physics, 2003, 93, 7768-7770.	1.1	0
152	Spin structure at nanojunctions and constrictions. Journal of Applied Physics, 2003, 93, 7531-7533.	1.1	5
153	Exchange through nonmagnetic insulating matrix. Journal of Applied Physics, 2003, 93, 6477-6479.	1.1	15
154	Fabrication of nonepitaxially grown double-layered FePt:C/FeCoNi thin films for perpendicular recording. Applied Physics Letters, 2003, 83, 3332-3334.	1.5	101
155	Highly oriented nonepitaxially grown L10 FePt films. Journal of Applied Physics, 2003, 93, 8292-8294.	1.1	106
156	Orientation-controlled nonepitaxial L10 CoPt and FePt films. Applied Physics Letters, 2002, 80, 2350-2352.	1.5	194
157	Magnetic intergranular interaction in nanocomposite Co <sub>x</sub> Pt <sub>100-x</sub> :C thin films. Journal of Applied Physics, 2002, 91, 8641.	1.1	14
158	Curie temperature of FePt:B <sub>2</sub> O <sub>3</sub> nanocomposite films. Physical Review B, 2002, 66, .	1.1	54
159	Transition from negative magnetoresistance behavior to positive behavior in Co <sub>20</sub> (Cu <sub>1-x</sub> Gex) <sub>80</sub> ribbons. Applied Physics Letters, 2002, 80, 1779-1781.	1.5	2
160	Magnetism of Co nanocluster films. Physical Review B, 2002, 66, .	1.1	64
161	Effects of germanium on the electronic transport mechanism in Co <sub>20</sub> (Cu <sub>1-x</sub> Gex) <sub>80</sub> nanogranular ribbons. Journal of Materials Research, 2002, 17, 3050-3055.	1.2	0
162	L1 <sub>0</sub> , (001)-oriented FePt:B <sub>2</sub> O <sub>3</sub> composite films for perpendicular recording. Journal of Applied Physics, 2002, 91, 8471.	1.1	99

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163	Non-epitaxial, Highly Textured (001) CoPt:B <sub>2</sub> O <sub>3</sub> Composite Films for Perpendicular Recording. Materials Research Society Symposia Proceedings, 2002, 721, 1.	0.1	1
164	Structure and magnetic properties of ferromagnetic nanowires in self-assembled arrays. Physical Review B, 2002, 65, .	1.1	234
165	Effects of surface morphology on magnetic properties of Ni nanowire arrays in self-ordered porous alumina. Journal of Physics Condensed Matter, 2002, 14, 715-721.	0.7	43
166	TEM of Nanostructure of Cu and Ti doped Sm-Co magnetic materials. Microscopy and Microanalysis, 2002, 8, 1358-1359.	0.2	0
167	Magnetism of Fe, Co and Ni nanowires in self-assembled arrays. Journal of Physics Condensed Matter, 2001, 13, R433-R460.	0.7	475
168	Cooperative magnetism and the Preisach model. Journal of Applied Physics, 2001, 89, 7263-7265.	1.1	35
169	CoPtCr:C nanocomposite films for high density recording. Journal of Applied Physics, 2001, 89, 810-812.	1.1	20
170	TEM of nanodot arrays fabricated by direct laser interferometry. Microscopy and Microanalysis, 2001, 7, 316-317.	0.2	0
171	Nanoscale Materials for Extremely High-Density Recording. , 2001, , 163-170.		1
172	Hysteresis-loop overskewing in the light of a novel nucleation mode. Journal of Applied Physics, 2000, 87, 6334-6336.	1.1	16
173	Magnetic properties of cluster-beam-synthesized cobalt: Noble-metal films. Journal of Applied Physics, 2000, 87, 7013-7015.	1.1	32
174	Temperature dependence of magnetic hysteresis of RCox:Co nanocomposites (R=Pr and Sm). Journal of Applied Physics, 2000, 87, 6740-6742.	1.1	36
175	Processing and Hard Magnetic Properties of Nanocrystalline Sm(Co,Zr) <sub>7</sub> Magnet Powders. Materials Research Society Symposia Proceedings, 2000, 644, 841.	0.1	1
176	Size dependence of the magnetic properties of electrochemically self-assembled Fe quantum dots. Journal of Electronic Materials, 2000, 29, 510-515.	1.0	33
177	Magnetic hysteresis of Ni nanowires. Journal of Physics Condensed Matter, 2000, 12, L497-L503.	0.7	37
178	Nanostructured FePt:B <sub>2</sub> O <sub>3</sub> thin films with perpendicular magnetic anisotropy. Applied Physics Letters, 2000, 77, 2225-2227.	1.5	208
179	Sm-Co-Cu-Ti high-temperature permanent magnets. Applied Physics Letters, 2000, 77, 1514-1516.	1.5	145
180	Structure and magnetic properties of N-containing Nd-Fe-B alloys prepared by mechanical alloying. Journal of Applied Physics, 2000, 87, 5332-5334.	1.1	5

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181	Effects of Ga substitution for Fe on the structure and magnetic properties of Nd <sub>8.4</sub> Fe <sub>87.1</sub> xGa <sub>x</sub> B <sub>4.5</sub> (x=0-2.2) alloys prepared by mechanical alloying. Journal of Applied Physics, 2000, 87, 5335-5337.	1.1	13
182	Activation volumes in thin film and particulate systems. Journal of Applied Physics, 2000, 87, 5696-5698.	1.1	16
183	Magnetic localization in transition-metal nanowires. Physical Review B, 2000, 62, 3900-3904.	1.1	146
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185	Metastable phases in rare-earth permanent-magnet materials. Journal Physics D: Applied Physics, 2000, 33, R217-R246.	1.3	62
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