

Osamu Kitakami

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Thermal activation in microwave-assisted magnetization switching and its effect on the switching behavior of granular media. <i>Physical Review B</i> , 2022, 105, .	3.2	3
2	Direct detection and stochastic analysis on thermally activated domain-wall depinning events in micropatterned Nd-Fe-B hot-deformed magnets. <i>Acta Materialia</i> , 2020, 201, 7-13.	7.9	13
3	<i>In Situ</i> Study of Molecular Doping of Chlorine on MoS ₂ Field Effect Transistor Device in Ultrahigh Vacuum Conditions. <i>ACS Omega</i> , 2020, 5, 28108-28115.	3.5	10
4	Tunnel magnetocapacitance in Fe/MgF ₂ single nanogranular layered films. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	2
5	Imaging of transient magnetization dynamics of Co/Pt multilayer dots with X-ray magnetic circular dichroism excited by microwaves. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SEED03.	1.5	0
6	Temperature dependent magnetization reversal process of a Ga-doped Nd-Fe-B sintered magnet based on first-order reversal curve analysis. <i>Acta Materialia</i> , 2019, 178, 90-98.	7.9	26
7	Microwave-assisted switching in CoCrPt granular medium under continuous microwave fields. <i>Journal of Applied Physics</i> , 2019, 126, 083908.	2.5	9
8	Detection of elemental magnetization reversal events in a micro-patterned Nd-Fe-B hot-deformed magnet. <i>AIP Advances</i> , 2019, 9, 125052.	1.3	7
9	First-order reversal curve analysis of a Nd-Fe-B sintered magnet with soft X-ray magnetic circular dichroism microscopy. <i>Acta Materialia</i> , 2019, 162, 1-9.	7.9	26
10	Novel torque magnetometry for uniaxial anisotropy constants of thin films and its application to FePt granular thin films. <i>Applied Physics Express</i> , 2018, 11, 033002.	2.4	14
11	Time and Spatially Resolved Hard X-Ray MCD Measurement on a Co/Pt Multilayer Dot Excited by Pulsed RF Field. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-6.	2.1	3
12	Magnetization Reversal of Nd-Fe-B Thin Film under a Nanosecond Pulse Magnetic Field. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , 2018, 203, 3-8.	0.4	1
13	Temperature and field direction dependences of first-order reversal curve (FORC) diagrams of hot-deformed Nd-Fe-B magnets. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 447, 110-115.	2.3	20
14	Spin transfer torque switching of Co/Pd multilayers and Gilbert damping of Co-based multilayers. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 09TD01.	1.5	7
15	Frequency dependence of microwave-assisted switching in CoCrPt granular perpendicular media. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 09TE02.	1.5	6
16	Robustness of Voltage-induced Magnetocapacitance. <i>Scientific Reports</i> , 2018, 8, 14709.	3.3	12
17	Layer-selective microwave-assisted magnetization switching in a dot of double antiferromagnetically coupled (AFC) layers. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	4
18	Microwave Spectroscopy of a Single Permalloy Chiral Metamolecule on a Coplanar Waveguide. <i>Physical Review Applied</i> , 2018, 9, .	3.8	4

#	ARTICLE	IF	CITATIONS
19	Variation of Magnetization Dynamics of Co/Ni Multilayer by Capturing Magnetic Nanoparticles. IEEE Transactions on Magnetics, 2018, 54, 1-4.	2.1	0
20	Confirmation of Hard Magnetic L1₀ FeNi Phase Precipitated in FeNiSiBPCu Alloy by Anomalous X-Ray Diffraction. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	5
21	Influence of intergrain interactions and thermal agitation on microwave-assisted magnetization switching behavior of granular magnetic film. Applied Physics Express, 2017, 10, 023004.	2.4	5
22	Inverse Tunnel Magnetocapacitance in Fe/Al-oxide/Fe3O4. Scientific Reports, 2017, 7, 2682.	3.3	15
23	Significant modification of perpendicular magnetic anisotropy of W/Fe(001) multilayer by controlling in-plane lattice constant. Applied Physics Express, 2017, 10, 063005.	2.4	4
24	Magnetic characteristics and nanostructures of FePt granular films with GeO2 segregant. Applied Physics Letters, 2017, 110, .	3.3	13
25	Magnetization Reversal of Nd-Fe-B Thin Film under a Nano-second Pulse Magnetic Field. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 374-379.	0.2	0
26	Anomalous Hall Effect Measurement on Nanostructure with Magnetic Pulse Fields. Materials Transactions, 2016, 57, 789-795.	1.2	2
27	Radio Frequency Field Dependence of Microwave-Assisted Switching Behaviors of Co/Pt Nanodots. Electronics and Communications in Japan, 2016, 99, 79-85.	0.5	0
28	Addition of Ru to L1₀-FePt thin film to lower Curie temperature. Applied Physics Express, 2016, 9, 123002.	2.4	8
29	Size dependence of switching behavior in single epitaxial Co/Pt multilayer nanodots. Japanese Journal of Applied Physics, 2016, 55, 07MC01.	1.5	2
30	Experimental investigation of off-stoichiometry and 3d transition metal (Mn, Ni) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,302 Td (C	1.3	7
31	Ferromagnetic Resonance of a Single Magneto-chiral Metamolecule of Permalloy. Physical Review Applied, 2016, 6, .	3.8	9
32	Microwave-Assistance Effect on Magnetization Switching in Antiferromagnetically Coupled CoCrPt Granular Media. IEEE Transactions on Magnetics, 2016, 52, 1-3.	2.1	16
33	Magnetic Anisotropy and Crystal Domain Variant in $L1_{10}$ -FePt Polycrystalline Films. IEEE Transactions on Magnetics, 2016, 52, 1-3.	2.1	1
34	Evaluation of Damping Constants for Co/Pt Multilayers and CoPt Alloy Films. IEEJ Transactions on Fundamentals and Materials, 2016, 136, 317-323.	0.2	0
35	Magnetization switching dynamics in single nanodot of epitaxial Co/Pt multilayer. , 2015, , .		0
36	Temperature-dependent magnetization reversal process and coercivity mechanism in Nd-Fe-B hot-deformed magnets. Journal of Applied Physics, 2015, 118, .	2.5	38

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37	Large Negative Magnetic Anisotropy of W/Fe/W (001) Epitaxial Trilayers. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	4
38	Energy barrier analysis on hot-deformed Nd-Fe-B magnets. , 2015, , .		0
39	Theoretical study of thermally activated magnetization switching under microwave assistance: Switching paths and barrier height. Physical Review B, 2015, 91, .	3.2	28
40	Microwave assisted magnetic recording technologies and related physics. Journal Physics D: Applied Physics, 2015, 48, 353001.	2.8	82
41	Energy barrier analysis of Nd-Fe-B thin films. Journal of Applied Physics, 2015, 117, 17B514.	2.5	9
42	A theoretical study of thermally activated magnetization switching under microwave assistance. , 2015, , .		0
43	Radio Frequency Field Dependence of Microwave Assisted Switching Behaviors of Co/Pt Nanodots. IEEJ Transactions on Fundamentals and Materials, 2015, 135, 229-234.	0.2	0
44	Quantized spin waves in single Co/Pt dots detected by anomalous Hall effect based ferromagnetic resonance. Applied Physics Letters, 2014, 105, .	3.3	8
45	Size dependence of magnetization switching and its dispersion of Co/Pt nanodots under the assistance of radio frequency fields. Journal of Applied Physics, 2014, 115, .	2.5	25
46	Magnetic anisotropy and order structure of $\langle 111 \rangle$ -FePt(001) single-crystal films grown epitaxially on (001) planes of MgO, SrTiO ₃ , and MgAl ₂ O ₄ substrates. Journal of Applied Physics, 2014, 115, .	2.5	25
47	Theory and Experiment of Microwave-Assisted Magnetization Switching in Perpendicular Magnetic Nanodots. IEEE Transactions on Magnetics, 2014, 50, 83-88.	2.1	13
48	Quasi-ballistic magnetization switching in Co/Pt dots with perpendicular magnetization. Applied Physics Letters, 2014, 104, .	3.3	8
49	Granular nanostructures and magnetic characteristics of FePt-TiO ₂ /FePt-C stacked granular films. Journal of Applied Physics, 2014, 115, 17B709.	2.5	4
50	Crystal structures and magnetic properties of epitaxial Co/W perpendicular films. Journal of Magnetism and Magnetic Materials, 2013, 334, 119-123.	2.3	8
51	Pulse Rise Time Dependence of Switching Field of Co/Pt Multilayer Dot. Electronics and Communications in Japan, 2013, 96, 9-14.	0.5	2
52	High permeability and electromagnetic noise suppression characteristics of Fe/B/P sub-micron particle chains and their composites with NiZn ferrite nanoparticles. Journal of Alloys and Compounds, 2013, 554, 414-418.	5.5	10
53	Stoner-Wohlfarth Like Magnetization Switching in Very Small Co/Pt Nanodots under the Assistance of Radio Frequency Magnetic Field. Applied Physics Express, 2013, 6, 053006.	2.4	18
54	Microwave assistance effect on magnetization switching in Co-Cr-Pt granular film. Applied Physics Letters, 2013, 103, .	3.3	31

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55	Dry-etching damage to magnetic anisotropy of Co-Pt dot arrays characterized using anomalous Hall effect. Journal of Applied Physics, 2012, 111, .	2.5	15
56	Significant Reduction of Switching Field and its Distribution in Co/Pt Nanodots with Assistance of Radio Frequency Field. Applied Physics Express, 2012, 5, 093005.	2.4	15
57	Correlation between Switching Field and Microstructure of Individual Co/Pt Dots. Japanese Journal of Applied Physics, 2012, 51, 103002.	1.5	0
58	Switching time of a single spin in linearly varying field. Journal of Applied Physics, 2012, 111, 123907.	2.5	1
59	Switching Behaviors and its Dynamics of a Co/Pt Nanodot Under the Assistance of rf Fields. Physical Review Letters, 2012, 109, 237209.	7.8	66
60	Perpendicular Anisotropy and Gilbert Damping in Sputtered Co/Pd Multilayers. IEEE Transactions on Magnetism, 2012, 48, 3288-3291.	2.1	39
61	Frequency and Time Dependent Microwave Assisted Switching Behaviors of Co/Pt Nanodots. Applied Physics Express, 2012, 5, 043001.	2.4	15
62	Fabrication of $(\text{Co}_{1-x}\text{Fe}_x)\text{-B}$ Particles With Magnetic Softness. IEEE Transactions on Magnetism, 2012, 48, 2903-2906.	2.1	2
63	Pulse Rise Time Dependence of Switching Field of Co/Pt Multilayer Dot. IEJ Transactions on Fundamentals and Materials, 2012, 132, 838-843.	0.2	2
64	Correlation between Switching Field and Microstructure of Individual Co/Pt Dots. Japanese Journal of Applied Physics, 2012, 51, 103002.	1.5	1
65	Microwave assisted magnetization switching in Co/Pt multilayer. Journal of Applied Physics, 2011, 109, 07B748.	2.5	38
66	Co/Pt multilayer dot switching experiments with sub-nanosecond pulse field. Journal of Applied Physics, 2011, 109, 07B904.	2.5	10
67	Magnetization Reversal of Single Co/Pd Multilayer Nanodot by Nanoseconds Pulse Field. Journal of Physics: Conference Series, 2011, 266, 012083.	0.4	0
68	Dot arrays of L_1 -type FePt ordered alloy perpendicular films fabricated using low-temperature sputter film deposition. Journal of Applied Physics, 2011, 109, .	2.5	13
69	Study of Permeability for Composites Including Fe, NiZn Ferrite and Fe-B-P Particles. IEEE Transactions on Magnetism, 2011, 47, 3160-3162.	2.1	10
70	Amorphous Submicron Particle Chains With High Permeability. IEEE Transactions on Magnetism, 2011, 47, 2831-2834.	2.1	12
71	Time-Resolved Magnetization Dynamics and Damping Constant of Sputtered Co/Ni Multilayers. IEEE Transactions on Magnetism, 2011, 47, 3036-3039.	2.1	44
72	Uniform Magnetic Dot Fabrication by Nanoindentation Lithography. Japanese Journal of Applied Physics, 2011, 50, 046505.	1.5	1

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73	Effect of Annealing on Magnetic Properties of Ni ₈₀ Fe ₂₀ Permalloy Nanoparticles Prepared by Polyol Method. Journal of Nanoscience and Nanotechnology, 2011, 11, 10796-10799.	0.9	6
74	Temperature dependence of the magnetic properties of L11-type Co-Ni-Pt ordered alloy films for thermally assisted recording media. Journal of Applied Physics, 2011, 110, 013918.	2.5	6
75	Uniform Magnetic Dot Fabrication by Nanoindentation Lithography. Japanese Journal of Applied Physics, 2011, 50, 046505.	1.5	1
76	Magnetic anisotropy of L ₁ -type (Co _{1-X} M _X) ₅₀ Pt ₅₀ (M: Ni, Fe, Cr, Mn) and Co ₅₀ (Pt _{1-X} Pd _X) ₅₀ ordered alloy perpendicular films. Journal of Physics: Conference Series, 2010, 200, 102002.	0.4	8
77	Nucleation size of hcp-CoPt dot arrays characterized by time dependence of coercivity. Journal of Physics: Conference Series, 2010, 200, 102003.	0.4	13
78	Magnetic and structural properties of L ₁ -type CoPt-C ordered alloy perpendicular films as a function of C content. Journal of Physics: Conference Series, 2010, 200, 102008.	0.4	5
79	Remanence coercivity of dot arrays of hcp-CoPt perpendicular films. Journal of Physics: Conference Series, 2010, 200, 102005.	0.4	2
80	Effect of annealing on magnetic properties of Ni80Fe20 permalloy nanoparticles with various sizes prepared by polyol method. , 2010, , .		0
81	Effect of dipole interaction on microwave assisted magnetization switching. Journal of Applied Physics, 2010, 107, 033904.	2.5	11
82	Microwave assisted switching mechanism and its stable switching limit. Journal of Applied Physics, 2010, 107, .	2.5	49
83	Magnetic properties of thin hard/soft-stacked dot arrays with a large uniaxial magnetic anisotropy. Journal of Applied Physics, 2009, 105, 07C103.	2.5	6
84	Dot arrays of L11 type Co-Ni-Pt ordered alloy perpendicular films. Journal of Applied Physics, 2009, 105, 07C109.	2.5	16
85	Generation of nanosecond magnetic pulse field for switching experiments on a single Co/Pt nanodot. Journal of Applied Physics, 2009, 105, 07D506.	2.5	12
86	Fabrication of L11-type (Co-Ni)-Pt ordered alloy films by sputter deposition. Journal of Applied Physics, 2009, 105, 07B726.	2.5	10
87	Production of Magnetically Soft Submicron Particles From Aqueous Solutions and Characterization. IEEE Transactions on Magnetics, 2009, 45, 4298-4301.	2.1	17
88	Ni ₈₀ Fe ₂₀ permalloy nanoparticles: Wet chemical preparation, size control and their dynamic permeability characteristics when composited with Fe micron particles. Journal of Magnetism and Magnetic Materials, 2009, 321, 4057-4062.	2.3	22
89	Magnetic anisotropy of epitaxially grown Co and its alloy thin films. Journal of Physics Condensed Matter, 2009, 21, 185008.	1.8	8
90	Magnetic behavior of single nanostructured magnet. Journal of Physics: Conference Series, 2009, 165, 012029.	0.4	3

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91	Bistability Condition of Circular Nanomagnet. Applied Physics Express, 2009, 2, 123002.	2.4	5
92	Magnetization behavior of nanomagnets for patterned media application. Journal of Magnetism and Magnetic Materials, 2008, 320, 2874-2879.	2.3	12
93	Thermal stability and switching field of hard/soft-stacked perpendicular media. Journal of Magnetism and Magnetic Materials, 2008, 320, 3088-3091.	2.3	0
94	The critical size between single domain and multidomain in L1-FePt particles. Journal of Applied Physics, 2008, 103, .	2.5	18
95	Template synthesis of water-dispersible and magnetically responsive carbon nano test tubes. Chemical Communications, 2008, , 2215.	4.1	27
96	Magnetization Switching Experiments on Sub-Micron Co/Pt Multilayer Dot Using a Pulse Field Generator With Nanoseconds Duration. IEEE Transactions on Magnetics, 2008, 44, 3446-3449.	2.1	10
97	Magnetization switching behavior with microwave assistance. Applied Physics Letters, 2008, 93, .	3.3	74
98	Frequency modulation effect on microwave assisted magnetization switching. Applied Physics Letters, 2008, 93, 142501.	3.3	30
99	Magnetization reversal process and bistability of Co ¹¹¹ Pt multilayer dot. Journal of Applied Physics, 2008, 103, 07C510.	2.5	13
100	Fabrication of L11 type Co-Pt ordered alloy films by sputter deposition. Journal of Applied Physics, 2008, 103, .	2.5	80
101	Magnetic properties of Co ¹¹¹ Pt ¹¹¹ Co hard/soft stacked dot arrays. Journal of Applied Physics, 2008, 103, 07C504.	2.5	11
102	Energy barrier and reversal mechanism in Co ¹¹¹ Pt multilayer nanodot. Journal of Applied Physics, 2008, 103, 07C501.	2.5	20
103	Uniaxial magnetic anisotropy in Co and Co ¹¹¹ Pt based perpendicular films in relation to lattice deformation. Journal of Applied Physics, 2008, 103, 07F524.	2.5	9
104	Permeability of submicron and nanometer ferromagnetic particle composites. Journal of Applied Physics, 2007, 101, 09M505.	2.5	16
105	Epitaxially grown L10-FePt/(C, SiO ₂ , and Al ₂ O ₃) granular films. Journal of Magnetism and Magnetic Materials, 2007, 310, 2367-2368.	2.3	6
106	Recording Resolution and Writability for (Co-Pt)-SiO ₂ /Co-SiO ₂ Hard/Soft-Stacked Granular Perpendicular Media. IEEE Transactions on Magnetics, 2007, 43, 2103-2105.	2.1	11
107	Magnetic Anisotropy of Co-M-Pt (M=Cr, Mo, Ru, W, Re) Perpendicular Films Deposited on Various Seed Layer Materials. IEEE Transactions on Magnetics, 2007, 43, 2106-2108.	2.1	13
108	Large Uniaxial Magnetic Anisotropy of Co ¹¹¹ Pt Perpendicular Films Induced by Lattice Deformation. IEEE Transactions on Magnetics, 2007, 43, 2995-2997.	2.1	28

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109	Switching Field and Thermal Stability of CoPt/Ru Dot Arrays With Various Thicknesses. IEEE Transactions on Magnetics, 2007, 43, 2160-2162.	2.1	25
110	Effect of reaction time on formation of CoNi particles prepared via the polyol method. Metals and Materials International, 2007, 13, 207-210.	3.4	10
111	Interfacially Disordered FePt hard/soft Stacked Structures. , 2006, , .		0
112	Thermal stability and recording writability of hard/soft stacked perpendicular media. Journal of Applied Physics, 2006, 99, 08G913.	2.5	13
113	Effect of magnetic field on martensitic transition of Ni ₄₆ Mn ₄₁ In ₁₃ Heusler alloy. Applied Physics Letters, 2006, 88, 122507.	3.3	254
114	Metamagnetic shape memory effect in a Heusler-type Ni ₄₃ Co ₇ Mn ₃₉ Sn ₁₁ polycrystalline alloy. Applied Physics Letters, 2006, 88, 192513.	3.3	378
115	Additive Effects of AlN and MgO on FePt Nanoparticle Assembly. Materials Transactions, 2006, 47, 43-46.	1.2	3
116	Coercivity Control of FePt Nanoparticles by Interfacial Disorder. Materials Transactions, 2006, 47, 38-42.	1.2	1
117	Magnetic-field-induced shape recovery by reverse phase transformation. Nature, 2006, 439, 957-960.	27.8	1,631
118	Pt Content Dependence of Magnetic Properties of CoPt/Ru Patterned Films. IEEE Transactions on Magnetics, 2006, 42, 3883-3885.	2.1	9
119	Large Uniaxial Magnetic Anisotropy in Co _{100-X} Pt _X /Ru Disordered Perpendicular Films. , 2006, , .		1
120	Magnetization reversal of FePt hard/soft stacked nanocomposite particle assembly. Journal of Applied Physics, 2006, 100, 074305.	2.5	33
121	CoPtCr/SiO ₂ media with Ku ₂ magnetic anisotropy term fabricated with Pd seed layers. Journal of Applied Physics, 2006, 99, 08G907.	2.5	6
122	Magnetic Properties to Optimize the Ku ₂ Effect in Perpendicular Recording Media. , 2006, , .		1
123	Large uniaxial magnetic anisotropy by lattice deformation in CoPt/Ru perpendicular films. Journal of Applied Physics, 2006, 99, 08G908.	2.5	39
124	Template Synthesis of Water-Dispersible Carbon Nano "Test Tubes" without Any Post-treatment. Chemistry of Materials, 2006, 18, 1036-1040.	6.7	48
125	Enhanced Initial Permeability of Composite Assembly of Ferromagnetic Particles. , 2006, , .		1
126	Pt Content Dependence of Magnetic Properties of CoPt/Ru Patterned Films. , 2006, , .		1

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127	Nanostructure of CoPtCr-SiO ₂ Granular Films for Magnetic Recording Media. Materials Transactions, 2005, 46, 1802-1806.	1.2	1
128	Magnetization reversal process in FePt L10 nanoparticles. Scripta Materialia, 2005, 53, 395-401.	5.2	12
129	High-potential magnetic anisotropy of CoPtCr-SiO ₂ /perpendicular recording media. IEEE Transactions on Magnetics, 2005, 41, 566-571.	2.1	50
130	Co-Mo and Co-Mo-Cr alloy thin films promising for magnetic recording. IEEE Transactions on Magnetics, 2005, 41, 918-920.	2.1	10
131	Preliminary study on (CoPtCr/NiFe)-SiO ₂ /hard/soft-stacked perpendicular recording media. IEEE Transactions on Magnetics, 2005, 41, 3136-3138.	2.1	33
132	Magnetic softness of permalloy granular films produced by Co-evaporation. IEEE Transactions on Magnetics, 2005, 41, 3274-3276.	2.1	0
133	CoPtCr-SiO ₂ /perpendicular media for high density recording with a high order magnetic anisotropy energy term. IEEE Transactions on Magnetics, 2005, 41, 3175-3177.	2.1	6
134	Ku ₂ magnetic anisotropy term of CoPtCr-SiO ₂ media for high density recording. Journal of Applied Physics, 2005, 97, 10N111.	2.5	10
135	Size effect on the ordering of L10FePt nanoparticles. Physical Review B, 2005, 72, .	3.2	136
136	The anisotropy field of FePt L10 nanoparticles controlled by very thin Pt layer. Journal of Physics Condensed Matter, 2004, 16, 2109-2114.	1.8	14
137	Sharrock Relation for Perpendicular Recording Media with Higher-Order Magnetic Anisotropy Terms. Japanese Journal of Applied Physics, 2004, 43, L115-L117.	1.5	11
138	Study of Interdiffused Layers Near the Surface of Multilayers by Total-Reflection Soft-X-ray Fluorescence Spectroscopy. Japanese Journal of Applied Physics, 2004, 43, 4334-4337.	1.5	4
139	Interdiffused Layers in Antiferromagnetically Coupled Fe/Si Multilayers Studied by Soft-X-Ray Fluorescence Spectroscopy. Japanese Journal of Applied Physics, 2004, 43, 4327-4333.	1.5	12
140	Direct observation of magnetically induced phase separation in Co-W sputtered thin films. Applied Physics Letters, 2004, 85, 2559-2561.	3.3	13
141	Assembly of FePt L10 nanoparticles grown on MgO(110) with self-organized groove structure. Journal of Applied Physics, 2004, 96, 5217-5221.	2.5	7
142	Brillouin light scattering from collective spin waves in Fe-Al-O granular films. Journal of Magnetism and Magnetic Materials, 2004, 268, 257-263.	2.3	6
143	RF permeability of the fiber structure in ferromagnetic metal/oxide films deposited by co-evaporation. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1419-1420.	2.3	1
144	High Perpendicular Magnetic Anisotropy of CoPtCr/Ru Films for Granular-Type Perpendicular Media. IEEE Transactions on Magnetics, 2004, 40, 2483-2485.	2.1	52

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145	Observation of Magnetic Domain Structure in FePt (001) Films by Electron Holography and Lorentz Microscopy. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2004, 68, 315-319.	0.4	1
146	Fabrication of two-dimensional assembly of L10 FePt particles. Journal of Magnetism and Magnetic Materials, 2003, 262, 329-338.	2.3	3
147	Size dependences of magnetic properties and switching behavior in FePtL10nanoparticles. Physical Review B, 2003, 67, .	3.2	84
148	Magnetically induced phase separation and magnetic properties of Coâ€“Mo hexagonal-close-packed structure thin films. Applied Physics Letters, 2003, 83, 966-968.	3.3	22
149	Energy Barrier Enhanced by Higher Order Magnetic Anisotropy Terms. Japanese Journal of Applied Physics, 2003, 42, L455-L457.	1.5	22
150	Fabrication of two-dimensional assembly of L10FePt nanoparticles. Journal of Applied Physics, 2003, 93, 7759-7761.	2.5	5
151	Sensitive detection of irreversible switching in a single FePt nanosized dot. Applied Physics Letters, 2003, 82, 4313-4315.	3.3	83
152	Study of the low temperature ordering of L10â€“Feâ€“Pt in Fe/Pt multilayers. Journal of Applied Physics, 2003, 94, 7222-7226.	2.5	47
153	Brillouin light scattering from spin waves in epitaxial hcp Co films. Physical Review B, 2003, 67, .	3.2	7
154	Magnetic Anisotropy Energy of L1₀ CoPt-B Thin Films Elongated c-axis. Materials Transactions, 2003, 44, 1514-1517.	1.2	6
155	Magnetization reversal in magnetostatically coupled dot arrays. Journal of Applied Physics, 2002, 91, 6952.	2.5	9
156	Thermodynamic calculations of the effect of B and Ta on magnetically induced phase separation in Coâ€“Crâ€“Pt alloys. Applied Physics Letters, 2002, 80, 2704-2706.	3.3	10
157	SiL2,3 EMISSION SPECTRA FROM THE INTERFACES IN ANTIFERROMAGNETICALLY COUPLED Fe/Si MULTILAYERS. Surface Review and Letters, 2002, 09, 669-673.	1.1	1
158	A Simple Analysis for Magnetic Behaviors of Exchange-Coupled Granular/Continuous Perpendicular Magnetic Recording Media. Japanese Journal of Applied Physics, 2002, 41, L455-L457.	1.5	1
159	Effect of interdot magnetostatic interaction on magnetization reversal in circular dot arrays. Physical Review B, 2002, 65, .	3.2	140
160	Grain growth and L10 ordering in FePtâ€“SiO2 granular films. Journal of Magnetism and Magnetic Materials, 2002, 239, 310-312.	2.3	31
161	Enhancement of magnetic anisotropy of hydrogenated Pd/Co/Pd trilayers. Journal of Magnetism and Magnetic Materials, 2002, 239, 313-315.	2.3	25
162	Magnetically induced two-phase separation in Coâ€“Ge and Coâ€“Si systems. Journal of Magnetism and Magnetic Materials, 2002, 239, 409-411.	2.3	8

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163	Chemical-order-dependent magnetic anisotropy and exchange stiffness constant of FePt (001) epitaxial films. <i>Physical Review B</i> , 2002, 66, .	3.2	428
164	Vertical bistable switching of spin vortex in a circular magnetic dot. <i>Journal of Applied Physics</i> , 2001, 90, 6548-6549.	2.5	73
165	Vertical magnetization process in sub-micron permalloy dots. <i>IEEE Transactions on Magnetics</i> , 2001, 37, 2082-2084.	2.1	15
166	Nucleation and annihilation of magnetic vortices in sub-micron permalloy dots. <i>IEEE Transactions on Magnetics</i> , 2001, 37, 2088-2090.	2.1	53
167	Prediction of effective elements for magnetically induced phase separation in Co/Cr-based magnetic recording media. <i>Applied Physics Letters</i> , 2001, 79, 644-646.	3.3	26
168	Low-temperature ordering of L1 ₀ CoPt thin films promoted by Sn, Pb, Sb, and Bi additives. <i>Applied Physics Letters</i> , 2001, 78, 1104-1106.	3.3	150
169	Magnetic anisotropy and behaviors of Fe nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2001, 37, 2223-2225.	2.1	84
170	Large coercivity and surface anisotropy in MgO/Co multilayer films. <i>Physical Review B</i> , 2001, 63, .	3.2	28
171	Magnetic characterization of Co-Pt particles produced by sputtering. <i>Scripta Materialia</i> , 2001, 44, 1327-1331.	5.2	5
172	Thermodynamic calculations of phase equilibria of Co/Cr/Pt ternary system and magnetically induced phase separation in the FCC and HCP phases. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 236, 220-233.	2.3	36
173	Enhanced grain growth of magnetic granules in Co/oxide granular films. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 235, 165-168.	2.3	5
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