

Osamu Kitakami

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

247
papers

7,119
citations

38
h-index

78
g-index

258
ext. papers

7,515
ext. citations

2.6
avg, IF

5.25
L-index

#	Paper	IF	Citations
247	Tunnel magnetocapacitance in Fe/MgF ₂ single nanogranular layered films. <i>Applied Physics Letters</i> , 2020 , 116, 082401	3.4	2
246	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	1.4	
245	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	8.4	6
244	Study of Molecular Doping of Chlorine on MoS Field Effect Transistor Device in Ultrahigh Vacuum Conditions. <i>ACS Omega</i> , 2020 , 5, 28108-28115	3.9	5
243	Microwave-assisted switching in CoCrPt granular medium under continuous microwave fields. <i>Journal of Applied Physics</i> , 2019 , 126, 083908	2.5	5
242	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	8.4	12
241	Detection of elemental magnetization reversal events in a micro-patterned Nd-Fe-B hot-deformed magnet. <i>AIP Advances</i> , 2019 , 9, 125052	1.5	6
240	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	8.4	15
239	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	10
238	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	3
237	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	
236	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	2.8	15
235	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	1.4	5
234	Frequency dependence of microwave-assisted switching in CoCrPt granular perpendicular media. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 09TE02	1.4	2
233	Robustness of Voltage-induced Magnetocapacitance. <i>Scientific Reports</i> , 2018 , 8, 14709	4.9	7
232	Layer-selective microwave-assisted magnetization switching in a dot of double antiferromagnetically coupled (AFC) layers. <i>Applied Physics Letters</i> , 2018 , 112, 162404	3.4	3
231	Microwave Spectroscopy of a Single Permalloy Chiral Metamolecule on a Coplanar Waveguide. <i>Physical Review Applied</i> , 2018 , 9,	4.3	2

230	Variation of Magnetization Dynamics of Co/Ni Multilayer by Capturing Magnetic Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2018 , 54, 1-4	2	
229	Confirmation of Hard Magnetic L10 FeNi Phase Precipitated in FeNiSiBPCu Alloy by Anomalous X-Ray Diffraction. <i>IEEE Transactions on Magnetics</i> , 2018 , 54, 1-5	2	1
228	Influence of intergrain interactions and thermal agitation on microwave-assisted magnetization switching behavior of granular magnetic film. <i>Applied Physics Express</i> , 2017 , 10, 023004	2.4	4
227	Inverse Tunnel Magnetocapacitance in Fe/Al-oxide/FeO. <i>Scientific Reports</i> , 2017 , 7, 2682	4.9	11
226	Significant modification of perpendicular magnetic anisotropy of W/Fe(001) multilayer by controlling in-plane lattice constant. <i>Applied Physics Express</i> , 2017 , 10, 063005	2.4	3
225	Magnetic characteristics and nanostructures of FePt granular films with GeO ₂ segregant. <i>Applied Physics Letters</i> , 2017 , 110, 022402	3.4	9
224	Magnetization Reversal of Nd-Fe-B Thin Film under a Nano-second Pulse Magnetic Field. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2017 , 137, 374-379	0.2	
223	Ferromagnetic Resonance of a Single Magnetochiral Metamolecule of Permalloy. <i>Physical Review Applied</i> , 2016 , 6,	4.3	7
222	Microwave-Assistance Effect on Magnetization Switching in Antiferromagnetically Coupled CoCrPt Granular Media. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-3	2	12
221	Magnetic Anisotropy and Crystal Domain Variant in L_{1-0} -FePt Polycrystalline Films. <i>IEEE Transactions on Magnetics</i> , 2016 , 52, 1-3	2	1
220	Evaluation of Damping Constants for Co/Pt Multilayers and CoPt Alloy Films. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2016 , 136, 317-323	0.2	
219	Anomalous Hall Effect Measurement on Nanostructure with Magnetic Pulse Fields. <i>Materials Transactions</i> , 2016 , 57, 789-795	1.3	2
218	Radio Frequency Field Dependence of Microwave-Assisted Switching Behaviors of Co/Pt Nanodots. <i>Electronics and Communications in Japan</i> , 2016 , 99, 79-85	0.4	
217	Addition of Ru to L10-FePt thin film to lower Curie temperature. <i>Applied Physics Express</i> , 2016 , 9, 123002.	2.4	5
216	Size dependence of switching behavior in single epitaxial Co/Pt multilayer nanodots. <i>Japanese Journal of Applied Physics</i> , 2016 , 55, 07MC01	1.4	2
215	Experimental investigation of off-stoichiometry and 3d transition metal (Mn, Ni, Cu)-substitution in single-crystalline FePt thin films. <i>AIP Advances</i> , 2016 , 6, 056011	1.5	4
214	Theoretical study of thermally activated magnetization switching under microwave assistance: Switching paths and barrier height. <i>Physical Review B</i> , 2015 , 91,	3.3	23
213	Microwave assisted magnetic recording technologies and related physics. <i>Journal Physics D: Applied Physics</i> , 2015 , 48, 353001	3	63

212	Energy barrier analysis of Nd-Fe-B thin films. <i>Journal of Applied Physics</i> , 2015 , 117, 17B514	2.5	8
211	Temperature-dependent magnetization reversal process and coercivity mechanism in Nd-Fe-B hot-deformed magnets. <i>Journal of Applied Physics</i> , 2015 , 118, 223903	2.5	27
210	Large Negative Magnetic Anisotropy of W/Fe/W (001) Epitaxial Trilayers. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	4
209	Radio Frequency Field Dependence of Microwave Assisted Switching Behaviors of Co/Pt Nanodots. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2015 , 135, 229-234	0.2	
208	Theory and Experiment of Microwave-Assisted Magnetization Switching in Perpendicular Magnetic Nanodots. <i>IEEE Transactions on Magnetics</i> , 2014 , 50, 83-88	2	12
207	Quasi-ballistic magnetization switching in Co/Pt dots with perpendicular magnetization. <i>Applied Physics Letters</i> , 2014 , 104, 112409	3.4	6
206	Granular nanostructures and magnetic characteristics of FePt-TiO ₂ /FePt-C stacked granular films. <i>Journal of Applied Physics</i> , 2014 , 115, 17B709	2.5	3
205	Quantized spin waves in single Co/Pt dots detected by anomalous Hall effect based ferromagnetic resonance. <i>Applied Physics Letters</i> , 2014 , 105, 242405	3.4	8
204	Size dependence of magnetization switching and its dispersion of Co/Pt nanodots under the assistance of radio frequency fields. <i>Journal of Applied Physics</i> , 2014 , 115, 133914	2.5	21
203	Magnetic anisotropy and order structure of L10-FePt(001) single-crystal films grown epitaxially on (001) planes of MgO, SrTiO ₃ , and MgAl ₂ O ₄ substrates. <i>Journal of Applied Physics</i> , 2014 , 115, 17B712	2.5	23
202	Crystal structures and magnetic properties of epitaxial Co/W perpendicular films. <i>Journal of Magnetism and Magnetic Materials</i> , 2013 , 334, 119-123	2.8	7
201	Pulse Rise Time Dependence of Switching Field of Co/Pt Multilayer Dot. <i>Electronics and Communications in Japan</i> , 2013 , 96, 9-14	0.4	2
200	High permeability and electromagnetic noise suppression characteristics of Fe ₃ B sub-micron particle chains and their composites with NiZn ferrite nanoparticles. <i>Journal of Alloys and Compounds</i> , 2013 , 554, 414-418	5.7	8
199	Stoner-Wohlfarth Like Magnetization Switching in Very Small Co/Pt Nanodots under the Assistance of Radio Frequency Magnetic Field. <i>Applied Physics Express</i> , 2013 , 6, 053006	2.4	15
198	Microwave assistance effect on magnetization switching in Co-Cr-Pt granular film. <i>Applied Physics Letters</i> , 2013 , 103, 202405	3.4	27
197	Frequency and Time Dependent Microwave Assisted Switching Behaviors of Co/Pt Nanodots. <i>Applied Physics Express</i> , 2012 , 5, 043001	2.4	12
196	Fabrication of (Co _{1-x} Fe _x)-B Particles With Magnetic Softness. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 2903-2906	2	1
195	Dry-etching damage to magnetic anisotropy of Co-Pt dot arrays characterized using anomalous Hall effect. <i>Journal of Applied Physics</i> , 2012 , 111, 07B908	2.5	14

194	Significant Reduction of Switching Field and its Distribution in Co/Pt Nanodots with Assistance of Radio Frequency Field. <i>Applied Physics Express</i> , 2012 , 5, 093005	2.4	15
193	Switching time of a single spin in linearly varying field. <i>Journal of Applied Physics</i> , 2012 , 111, 123907	2.5	1
192	Switching behaviors and its dynamics of a Co/Pt nanodot under the assistance of rf fields. <i>Physical Review Letters</i> , 2012 , 109, 237209	7.4	57
191	Perpendicular Anisotropy and Gilbert Damping in Sputtered Co/Pd Multilayers. <i>IEEE Transactions on Magnetics</i> , 2012 , 48, 3288-3291	2	34
190	Pulse Rise Time Dependence of Switching Field of Co/Pt Multilayer Dot. <i>IEEJ Transactions on Fundamentals and Materials</i> , 2012 , 132, 838-843	0.2	1
189	Correlation between Switching Field and Microstructure of Individual Co/Pt Dots. <i>Japanese Journal of Applied Physics</i> , 2012 , 51, 103002	1.4	1
188	Microwave assisted magnetization switching in Co/Pt multilayer. <i>Journal of Applied Physics</i> , 2011 , 109, 07B748	2.5	35
187	Co/Pt multilayer dot switching experiments with sub-nanosecond pulse field. <i>Journal of Applied Physics</i> , 2011 , 109, 07B904	2.5	7
186	Magnetization Reversal of Single Co/Pd Multilayer Nanodot by Nanoseconds Pulse Field. <i>Journal of Physics: Conference Series</i> , 2011 , 266, 012083	0.3	
185	Dot arrays of L10-type FePt ordered alloy perpendicular films fabricated using low-temperature sputter film deposition. <i>Journal of Applied Physics</i> , 2011 , 109, 07B726	2.5	12
184	Study of Permeability for Composites Including Fe, NiZn Ferrite and Fe-B-P Particles. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 3160-3162	2	7
183	Amorphous Submicron Particle Chains With High Permeability. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 2831-2834	2	9
182	Time-Resolved Magnetization Dynamics and Damping Constant of Sputtered Co/Ni Multilayers. <i>IEEE Transactions on Magnetics</i> , 2011 , 47, 3036-3039	2	40
181	Uniform Magnetic Dot Fabrication by Nanoindentation Lithography. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 046505	1.4	1
180	Effect of annealing on magnetic properties of Ni ₈₀ Fe ₂₀ permalloy nanoparticles prepared by polyol method. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 10796-9	1.3	5
179	Temperature dependence of the magnetic properties of L11-type Co ₈₀ Ni ₂₀ Pt ordered alloy films for thermally assisted recording media. <i>Journal of Applied Physics</i> , 2011 , 110, 013918	2.5	4
178	Uniform Magnetic Dot Fabrication by Nanoindentation Lithography. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 046505	1.4	
177	Effect of dipole interaction on microwave assisted magnetization switching. <i>Journal of Applied Physics</i> , 2010 , 107, 033904	2.5	10

176	Microwave assisted switching mechanism and its stable switching limit. <i>Journal of Applied Physics</i> , 2010 , 107, 123914	2.5	41
175	Magnetic anisotropy of L11-type (Co ₁ -XMX) ₅₀ Pt ₅₀ (M: Ni, Fe, Cr, Mn) and Co ₅₀ (Pt ₁ -XPdX) ₅₀ ordered alloy perpendicular films. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 102002	0.3	7
174	Nucleation size of hcp-CoPt dot arrays characterized by time dependence of coercivity. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 102003	0.3	12
173	Magnetic and structural properties of L11 type CoPt-C ordered alloy perpendicular films as a function of C content. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 102008	0.3	5
172	Remanence coercivity of dot arrays of hcp-CoPt perpendicular films. <i>Journal of Physics: Conference Series</i> , 2010 , 200, 102005	0.3	2
171	Magnetic properties of thin hard/soft-stacked dot arrays with a large uniaxial magnetic anisotropy. <i>Journal of Applied Physics</i> , 2009 , 105, 07C103	2.5	6
170	Dot arrays of L11 type CoPt ordered alloy perpendicular films. <i>Journal of Applied Physics</i> , 2009 , 105, 07C109	2.5	15
169	Generation of nanosecond magnetic pulse field for switching experiments on a single Co/Pt nanodot. <i>Journal of Applied Physics</i> , 2009 , 105, 07D506	2.5	11
168	Fabrication of L11-type (CoNi) ₂ Pt ordered alloy films by sputter deposition. <i>Journal of Applied Physics</i> , 2009 , 105, 07B726	2.5	10
167	Production of Magnetically Soft Submicron Particles From Aqueous Solutions and Characterization. <i>IEEE Transactions on Magnetics</i> , 2009 , 45, 4298-4301	2	14
166	Ni ₈₀ Fe ₂₀ permalloy nanoparticles: Wet chemical preparation, size control and their dynamic permeability characteristics when composited with Fe micron particles. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 4057-4062	2.8	17
165	Magnetic anisotropy of epitaxially grown Co and its alloy thin films. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 185008	1.8	7
164	Magnetic behavior of single nanostructured magnet. <i>Journal of Physics: Conference Series</i> , 2009 , 165, 012029	0.3	3
163	Bistability Condition of Circular Nanomagnet. <i>Applied Physics Express</i> , 2009 , 2, 123002	2.4	5
162	The critical size between single domain and multidomain in L10-FePt particles. <i>Journal of Applied Physics</i> , 2008 , 103, 07D511	2.5	15
161	Template synthesis of water-dispersible and magnetically responsive carbon nano test tubes. <i>Chemical Communications</i> , 2008 , 2215-7	5.8	24
160	Magnetization Switching Experiments on Sub-Micron Co/Pt Multilayer Dot Using a Pulse Field Generator With Nanoseconds Duration. <i>IEEE Transactions on Magnetics</i> , 2008 , 44, 3446-3449	2	8
159	Magnetization switching behavior with microwave assistance. <i>Applied Physics Letters</i> , 2008 , 93, 102506	3.4	65

158	Frequency modulation effect on microwave assisted magnetization switching. <i>Applied Physics Letters</i> , 2008 , 93, 142501	3.4	26
157	Magnetization reversal process and bistability of CoPt multilayer dot. <i>Journal of Applied Physics</i> , 2008 , 103, 07C510	2.5	13
156	Fabrication of L11 type Co-Pt ordered alloy films by sputter deposition. <i>Journal of Applied Physics</i> , 2008 , 103, 07E114	2.5	70
155	Magnetic properties of CoPtCo hard/soft stacked dot arrays. <i>Journal of Applied Physics</i> , 2008 , 103, 07C5045	2.5	11
154	Energy barrier and reversal mechanism in CoPt multilayer nanodot. <i>Journal of Applied Physics</i> , 2008 , 103, 07C501	2.5	19
153	Uniaxial magnetic anisotropy in Co and CoPt based perpendicular films in relation to lattice deformation. <i>Journal of Applied Physics</i> , 2008 , 103, 07F524	2.5	9
152	Magnetization behavior of nanomagnets for patterned media application. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, 2874-2879	2.8	11
151	Thermal stability and switching field of hard/soft-stacked perpendicular media. <i>Journal of Magnetism and Magnetic Materials</i> , 2008 , 320, 3088-3091	2.8	
150	Epitaxially grown L10-FePt/(C, SiO ₂ , and Al ₂ O ₃) granular films. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2367-2368	2.8	5
149	Recording Resolution and Writability for (Co-Pt)-SiO ₂ /Co-SiO ₂ Hard/Soft-Stacked Granular Perpendicular Media. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2103-2105	2	10
148	Magnetic Anisotropy of Co-M-Pt (M=Cr, Mo, Ru, W, Re) Perpendicular Films Deposited on Various Seed Layer Materials. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2106-2108	2	13
147	Large Uniaxial Magnetic Anisotropy of CoPt Perpendicular Films Induced by Lattice Deformation. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2995-2997	2	25
146	Switching Field and Thermal Stability of CoPt/Ru Dot Arrays With Various Thicknesses. <i>IEEE Transactions on Magnetics</i> , 2007 , 43, 2160-2162	2	22
145	Effect of reaction time on formation of CoNi particles prepared via the polyol method. <i>Metals and Materials International</i> , 2007 , 13, 207-210	2.4	10
144	Permeability of submicron and nanometer ferromagnetic particle composites. <i>Journal of Applied Physics</i> , 2007 , 101, 09M505	2.5	16
143	. <i>IEEE Transactions on Magnetics</i> , 2006 , 42, 3883-3885	2	7
142	Large Uniaxial Magnetic Anisotropy in Co ₁₀₀ -XPtX/Ru Disordered Perpendicular Films 2006 ,		1
141	Magnetization reversal of FePt hard/soft stacked nanocomposite particle assembly. <i>Journal of Applied Physics</i> , 2006 , 100, 074305	2.5	31

140	CoPtCrSiO ₂ media with Ku ₂ magnetic anisotropy term fabricated with Pd seed layers. <i>Journal of Applied Physics</i> , 2006 , 99, 08G907	2.5	5
139	Large uniaxial magnetic anisotropy by lattice deformation in CoPtRu perpendicular films. <i>Journal of Applied Physics</i> , 2006 , 99, 08G908	2.5	39
138	Template Synthesis of Water-Dispersible Carbon Nano Tubes without Any Post-treatment. <i>Chemistry of Materials</i> , 2006 , 18, 1036-1040	9.6	41
137	Enhanced Initial Permeability of Composite Assembly of Ferromagnetic Particles 2006 ,		1
136	Thermal stability and recording writability of hard/soft stacked perpendicular media. <i>Journal of Applied Physics</i> , 2006 , 99, 08G913	2.5	13
135	Effect of magnetic field on martensitic transition of Ni ₄₆ Mn ₄₁ In ₁₃ Heusler alloy. <i>Applied Physics Letters</i> , 2006 , 88, 122507	3.4	241
134	Metamagnetic shape memory effect in a Heusler-type Ni ₄₃ Co ₇ Mn ₃₉ Sn ₁₁ polycrystalline alloy. <i>Applied Physics Letters</i> , 2006 , 88, 192513	3.4	335
133	Additive Effects of AlN and MgO on FePt Nanoparticle Assembly. <i>Materials Transactions</i> , 2006 , 47, 43-46	1.3	3
132	Coercivity Control of FePt Nanoparticles by Interfacial Disorder. <i>Materials Transactions</i> , 2006 , 47, 38-42	1.3	1
131	Magnetic-field-induced shape recovery by reverse phase transformation. <i>Nature</i> , 2006 , 439, 957-60	50.4	1442
130	Nanostructure of CoPtCr-SiO ₂ Granular Films for Magnetic Recording Media. <i>Materials Transactions</i> , 2005 , 46, 1802-1806	1.3	1
129	Magnetization reversal process in FePt L10 nanoparticles. <i>Scripta Materialia</i> , 2005 , 53, 395-401	5.6	12
128	High-potential magnetic anisotropy of CoPtCr-SiO ₂ /perpendicular recording media. <i>IEEE Transactions on Magnetics</i> , 2005 , 41, 566-571	2	44
127	Co-Mo and Co-Mo-Cr alloy thin films promising for magnetic recording. <i>IEEE Transactions on Magnetics</i> , 2005 , 41, 918-920	2	10
126	Preliminary study on (CoPtCr/NiFe)-SiO ₂ /hard/soft-stacked perpendicular recording media. <i>IEEE Transactions on Magnetics</i> , 2005 , 41, 3136-3138	2	27
125	Magnetic softness of permalloy granular films produced by Co-evaporation. <i>IEEE Transactions on Magnetics</i> , 2005 , 41, 3274-3276	2	
124	CoPtCr-SiO ₂ /perpendicular media for high density recording with a high order magnetic anisotropy energy term. <i>IEEE Transactions on Magnetics</i> , 2005 , 41, 3175-3177	2	6
123	Ku ₂ magnetic anisotropy term of CoPtCrSiO ₂ media for high density recording. <i>Journal of Applied Physics</i> , 2005 , 97, 10N111	2.5	10

122	Size effect on the ordering of L10 FePt nanoparticles. <i>Physical Review B</i> , 2005 , 72,	3.3	129
121	The anisotropy field of FePt L10nanoparticles controlled by very thin Pt layer. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 2109-2114	1.8	12
120	Sharrock Relation for Perpendicular Recording Media with Higher-Order Magnetic Anisotropy Terms. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, L115-L117	1.4	10
119	Study of Interdiffused Layers Near the Surface of Multilayers by Total-Reflection Soft-X-ray Fluorescence Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 4334-4337	1.4	3
118	Interdiffused Layers in Antiferromagnetically Coupled Fe/Si Multilayers Studied by Soft-X-Ray Fluorescence Spectroscopy. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, 4327-4333	1.4	9
117	Direct observation of magnetically induced phase separation in Co-W sputtered thin films. <i>Applied Physics Letters</i> , 2004 , 85, 2559-2561	3.4	12
116	Assembly of FePt L10 nanoparticles grown on MgO(110) with self-organized groove structure. <i>Journal of Applied Physics</i> , 2004 , 96, 5217-5221	2.5	6
115	Brillouin light scattering from collective spin waves in Fe ₃ O ₄ granular films. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 268, 257-263	2.8	6
114	RF permeability of the fiber structure in ferromagnetic metal/oxide films deposited by co-evaporation. <i>Journal of Magnetism and Magnetic Materials</i> , 2004 , 272-276, 1419-1420	2.8	1
113	High perpendicular magnetic anisotropy of CoPtCr/Ru films for granular-type perpendicular media. <i>IEEE Transactions on Magnetics</i> , 2004 , 40, 2483-2485	2	46
112	Observation of Magnetic Domain Structure in FePt (001) Films by Electron Holography and Lorentz Microscopy. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2004 , 68, 315-319	0.4	1
111	Magnetic Anisotropy Energy of L10 CoPt-B Thin Films Elongated c-axis. <i>Materials Transactions</i> , 2003 , 44, 1514-1517	1.3	5
110	Fabrication of two-dimensional assembly of L10 FePt particles. <i>Journal of Magnetism and Magnetic Materials</i> , 2003 , 262, 329-338	2.8	3
109	Size dependences of magnetic properties and switching behavior in FePt L10 nanoparticles. <i>Physical Review B</i> , 2003 , 67,	3.3	77
108	Magnetically induced phase separation and magnetic properties of CoMo hexagonal-close-packed structure thin films. <i>Applied Physics Letters</i> , 2003 , 83, 966-968	3.4	20
107	Energy Barrier Enhanced by Higher Order Magnetic Anisotropy Terms. <i>Japanese Journal of Applied Physics</i> , 2003 , 42, L455-L457	1.4	18
106	Fabrication of two-dimensional assembly of L10FePt nanoparticles. <i>Journal of Applied Physics</i> , 2003 , 93, 7759-7761	2.5	5
105	Sensitive detection of irreversible switching in a single FePt nanosized dot. <i>Applied Physics Letters</i> , 2003 , 82, 4313-4315	3.4	75

104	Study of the low temperature ordering of L10FePt in Fe/Pt multilayers. <i>Journal of Applied Physics</i> , 2003 , 94, 7222-7226	2.5	42
103	Brillouin light scattering from spin waves in epitaxial hcp Co films. <i>Physical Review B</i> , 2003 , 67,	3.3	7
102	Grain growth and L10 ordering in FePtSiO ₂ granular films. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 239, 310-312	2.8	28
101	Enhancement of magnetic anisotropy of hydrogenated Pd/Co/Pd trilayers. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 239, 313-315	2.8	20
100	Magnetically induced two-phase separation in Co _{1-x} Fe _x and Co _{1-x} Bi _x systems. <i>Journal of Magnetism and Magnetic Materials</i> , 2002 , 239, 409-411	2.8	8
99	Chemical-order-dependent magnetic anisotropy and exchange stiffness constant of FePt (001) epitaxial films. <i>Physical Review B</i> , 2002 , 66,	3.3	381
98	Magnetization reversal in magnetostatically coupled dot arrays. <i>Journal of Applied Physics</i> , 2002 , 91, 6952	2.5	9
97	Thermodynamic calculations of the effect of B and Ta on magnetically induced phase separation in Co _{1-x} Fe _x Pt alloys. <i>Applied Physics Letters</i> , 2002 , 80, 2704-2706	3.4	10
96	SiL _{2,3} EMISSION SPECTRA FROM THE INTERFACES IN ANTIFERROMAGNETICALLY COUPLED Fe/Si MULTILAYERS. <i>Surface Review and Letters</i> , 2002 , 09, 669-673	1.1	1
95	Effect of interdot magnetostatic interaction on magnetization reversal in circular dot arrays. <i>Physical Review B</i> , 2002 , 65,	3.3	130
94	Large coercivity and surface anisotropy in MgO/Co multilayer films. <i>Physical Review B</i> , 2001 , 63,	3.3	23
93	Magnetic characterization of Co-Pt particles produced by sputtering. <i>Scripta Materialia</i> , 2001 , 44, 1327-1331	3.1	5
92	Thermodynamic calculations of phase equilibria of Co _{1-x} Fe _x 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	2.8	32
91	Enhanced grain growth of magnetic granules in Co/oxide granular films. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 235, 165-168	2.8	4
90	Lubrication of surface oxidized Co _{1-x} Fe _x thin films by phosphoric and phosphorous acid esters. <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 235, 179-182	2.8	3
89	Synthesis of Co/sub 100-x/Pt/sub x/ alloy fine particles with high coercivity. <i>IEEE Transactions on Magnetics</i> , 2001 , 37, 1295-1298	2	4
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