

# Jong-Ryul Jeong

## List of Publications by Year in descending order

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160  
papers

4,117  
citations

147801

31  
h-index

133252

59  
g-index

166  
all docs

166  
docs citations

166  
times ranked

6507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic nanoparticles and its composites toward the remediation of electromagnetic interference pollution. , 2022, , 677-703.		0
2	pH-induced morphological transformation of WxMoS2 nanosheets for hydrogen evolution reaction through precursor solution aging. Journal of Power Sources, 2022, 526, 231154.	7.8	5
3	Deposition of Crystalline GdIG Samples Using Metal Organic Decomposition Method. Magnetochemistry, 2022, 8, 28.	2.4	5
4	Quasi-static strain governing ultrafast spin dynamics. Communications Physics, 2022, 5, .	5.3	4
5	Rational construction of S-doped FeOOH onto Fe2O3 nanorods for enhanced water oxidation. Journal of Colloid and Interface Science, 2022, 616, 749-758.	9.4	35
6	Thickness dependence of spin Seebeck resistivity in polycrystalline YIG films grown by metal organic decomposition method. Current Applied Physics, 2022, , .	2.4	0
7	Plasma etching of the trench pattern with high aspect ratio mask under ion tilting. Applied Surface Science, 2022, 595, 153462.	6.1	17
8	Enhanced Output Performance of a Flexible Piezoelectric Nanogenerator Realized by Lithium-Doped Zinc Oxide Nanowires Decorated on MXene. ACS Applied Materials & Interfaces, 2022, 14, 26824-26832.	8.0	18
9	An experimental and theoretical study of copolymerization of o-phenylenediamine and thiophene. European Polymer Journal, 2022, 176, 111423.	5.4	5
10	Optimization of FeNi/SWCNT composites by a simple co-arc discharge process to improve microwave absorption performance. Journal of Alloys and Compounds, 2021, 852, 156712.	5.5	36
11	Unconventional magnetoresistance induced by sperimagnetism in GdFeCo. Physical Review B, 2021, 103, .	3.2	17
12	Morphology-dependent spin Seebeck effect in yttrium iron garnet thin films prepared by metal-organic decomposition. Ceramics International, 2021, 47, 16770-16775.	4.8	11
13	Discharge physics and atomic layer etching in Ar/C4F6 inductively coupled plasmas with a radio frequency bias. Physics of Plasmas, 2021, 28, .	1.9	24
14	Effect of silane/amine-based dopants on polymer-metal interaction of sub-surface silver nanoparticulate films. Journal of Materials Science: Materials in Electronics, 2021, 32, 2719-2730.	2.2	5
15	Synthesis of porous Fe3O4-SnO2 core-void-shell nanocomposites as high-performance microwave absorbers. Journal of Environmental Chemical Engineering, 2021, 9, 106585.	6.7	14
16	Study of magnonâ€“phonon non-equilibrium in a magnetic insulatorâ€“Thulium iron garnet. Applied Physics Letters, 2021, 119, 152406.	3.3	0
17	Electric-field control of field-free spin-orbit torque switching via laterally modulated Rashba effect in Pt/Co/AlOx structures. Nature Communications, 2021, 12, 7111.	12.8	36
18	Intriguing Hysteresis Dynamics in Ultrafast Photoâ€“Induced Magnetization. Physica Status Solidi (B): Basic Research, 2020, 257, 1900307.	1.5	3

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19	Observation of Thermal Spinâ€œOrbit Torque in W/CoFeB/MgO Structures. Nano Letters, 2020, 20, 7803-7810.	9.1	7
20	Control of electrical resistance and magnetoresistance by electric-field-driven oxygen ion migration in a single GdOx wire. NPG Asia Materials, 2020, 12, .	7.9	4
21	Amplification of Spin Thermoelectric Signals in Multilayer Spin Thermopiles. ACS Applied Electronic Materials, 2020, 2, 2906-2912.	4.3	4
22	Microscopic origin of asymmetric magnetization reversal of Co/Pt multilayers with perpendicular magnetic anisotropy. Current Applied Physics, 2020, 20, 1026-1030.	2.4	4
23	Plasmonic Ag-Decorated Few-Layer MoS2 Nanosheets Vertically Grown on Graphene for Efficient Photoelectrochemical Water Splitting. Nano-Micro Letters, 2020, 12, 172.	27.0	39
24	Ultrafast dynamics of exchange stiffness in Co/Pt multilayer. Communications Physics, 2020, 3, .	5.3	15
25	ZnTe-coated ZnO nanorods: Hydrogen sulfide nano-sensor purely controlled by pn junction. Materials and Design, 2020, 191, 108628.	7.0	25
26	Controlling the electric permittivity of honeycomb-like coreâ€œshell Ni/CuSiO3 composite nanospheres to enhance microwave absorption properties. RSC Advances, 2020, 10, 1172-1180.	3.6	17
27	Role of non-thermal electrons in ultrafast spin dynamics of ferromagnetic multilayer. Scientific Reports, 2020, 10, 6355.	3.3	6
28	Morphological Controlled Synthesis of FeCo Nanoparticles and Their Magnetic Properties. Current Nanoscience, 2020, 16, .	1.2	1
29	Magnetic/catalytic properties and strain induced structural phase transformation from $\hat{\Gamma}^2$ -FeOOH to porous $\hat{\Gamma}^2$ -Fe2O3 nanorods. Journal of Alloys and Compounds, 2019, 771, 131-139.	5.5	9
30	Enhancing magneto-optical and structural properties of Bi-YIG thin film on glass substrate using poly[vinylpyrrolidone](PVP) assisted MOD method. Ceramics International, 2019, 45, 20758-20761.	4.8	4
31	Mechanistic Insight into Surface Defect Control in Perovskite Nanocrystals: Ligands Terminate the Valence Transition from $Pb^{2+}$ to Metallic $Pb^0$ . Journal of Physical Chemistry Letters, 2019, 10, 4222-4228.	4.6	51
32	Broadband tunable plasmonic substrate using self-assembled goldâ€œsilver alloy nanoparticles. Current Applied Physics, 2019, 19, 1245-1251.	2.4	8
33	Preparation of Monodisperse Silica Nanoparticles via Controlling the Interphase of Two-Phase Synthesis for Optical Anticounterfeiting Materials. Electronic Materials Letters, 2019, 15, 673-679.	2.2	3
34	A Separated Receptor/Transducer Scheme as Strategy to Enhance the Gas Sensing Performance Using Hematiteâ€œCarbon Nanotube Composite. Sensors, 2019, 19, 3915.	3.8	12
35	Rational design of carbon shell-encapsulated cobalt nanospheres to enhance microwave absorption performance. Progress in Natural Science: Materials International, 2019, 29, 88-93.	4.4	24
36	Spectrometer based real-time magnetic Faraday rotation spectroscopy of Bi-YIG thin films. Journal of Magnetism and Magnetic Materials, 2019, 482, 61-65.	2.3	7

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37	Preparation and characterization of silver coated magnetic microspheres prepared by a modified electroless plating process. Powder Technology, 2019, 342, 301-307.	4.2	13
38	Fill factor controlled nanoimprinted ZnO nanowires based on atomic layer deposition. Current Applied Physics, 2018, 18, 767-773.	2.4	4
39	High reflective efficiency and durability of multilayered core-shell composite particles with controlled shell thickness. Dyes and Pigments, 2018, 153, 53-60.	3.7	7
40	Flexible h-BN foam sheets for multifunctional electronic packaging materials with ultrahigh thermostability. Soft Matter, 2018, 14, 4204-4212.	2.7	11
41	Nanometer-scale local probing of X-ray absorption spectra of Co/Pt multilayer film. Physica B: Condensed Matter, 2018, 532, 221-224.	2.7	6
42	Multilayer metal-oxide-metal nanopatterns via nanoimprint and strip-off for multispectral resonance. Applied Surface Science, 2018, 428, 280-288.	6.1	10
43	Effects of heating rate on the magneto-optical properties of bismuth-substituted yttrium iron garnet films prepared via modified metal-organic decomposition. Current Applied Physics, 2018, 18, 241-245.	2.4	16
44	Effect of annealing temperature on surface morphology and ultralow ferromagnetic resonance linewidth of yttrium iron garnet thin film grown by rf sputtering. Applied Surface Science, 2018, 435, 377-383.	6.1	35
45	Nanoscale Visualization of Magnetic Contrasts with Soft X-ray Spectro-Ptychography at the Advanced Light Source. Microscopy and Microanalysis, 2018, 24, 530-531.	0.4	5
46	Development of an Fe <sub>3</sub> O <sub>4</sub> @Cu silicate based sensing platform for the electrochemical sensing of dopamine. RSC Advances, 2018, 8, 31037-31047.	3.6	8
47	Circularly polarized soft X-ray generation by Co/Pt thin film polarizer with perpendicular magnetic anisotropy. Current Applied Physics, 2018, 18, 1196-1200.	2.4	0
48	Porous Fe <sub>3</sub> O <sub>4</sub> Nanospheres with Controlled Porosity for Enhanced Electromagnetic Wave Absorption. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1701032.	1.8	24
49	Precise Determination of the Temperature Gradients in Laser-irradiated Ultrathin Magnetic Layers for the Analysis of Thermal Spin Current. Scientific Reports, 2018, 8, 11337.	3.3	2
50	In-situ Co-Arc Discharge Synthesis of Fe <sub>3</sub> O <sub>4</sub> /SWCNT Composites for Highly Effective Microwave Absorption. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700989.	1.8	24
51	Enhanced thermoelectric properties of Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> thin films through the control of crystal structure. Current Applied Physics, 2017, 17, 744-750.	2.4	8
52	Magnetoresponse Photonic Microspheres with Structural Color Gradient. Advanced Materials, 2017, 29, 1605450.	21.0	47
53	Hydrothermal Synthesis and Characterization of Sm <sub>2</sub> O <sub>2</sub> SO <sub>4</sub> Nanoplates. Bulletin of the Korean Chemical Society, 2017, 38, 1149-1154.	1.9	1
54	Controlled morphology of MWCNTs driven by polymer-grafted nanoparticles for enhanced microwave absorption. Journal of Materials Chemistry C, 2017, 5, 8436-8443.	5.5	50

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55	Observation of transverse spin Nernst magnetoresistance induced by thermal spin current in ferromagnet/non-magnet bilayers. <i>Nature Communications</i> , 2017, 8, 1400.	12.8	36
56	Large-scale room-temperature aqueous synthesis of Co superstructures with controlled morphology, and their application to electromagnetic wave absorption. <i>Metals and Materials International</i> , 2017, 23, 405-411.	3.4	22
57	Thermoelectric properties of nanocomposite n-type Cr <sub>2</sub> O <sub>3</sub> /Cr thin films deposited by a reactive sputtering. <i>Vacuum</i> , 2017, 140, 71-75.	3.5	4
58	Hardness of AISI type 410 martensitic steels after high temperature irradiation via nanoindentation. <i>Metals and Materials International</i> , 2017, 23, 1257-1265.	3.4	9
59	Ultrafast giant magnetic cooling effect in ferromagnetic Co/Pt multilayers. <i>Nature Communications</i> , 2017, 8, 796.	12.8	12
60	Field-free switching of perpendicular magnetization through spin-orbit torque in antiferromagnet/ferromagnet/oxide structures. <i>Nature Nanotechnology</i> , 2016, 11, 878-884.	31.5	438
61	Sustainable Method for the Large-Scale Preparation of Fe <sub>3</sub> O <sub>4</sub> Nanocrystals. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2578-2584.	3.8	7
62	Utilization of the Antiferromagnetic IrMn Electrode in Spin Thermoelectric Devices and Their Beneficial Hybrid for Thermopiles. <i>Advanced Functional Materials</i> , 2016, 26, 5507-5514.	14.9	21
63	Coherent phonon control via electron-lattice interaction in ferromagnetic Co/Pt multilayers. <i>Scientific Reports</i> , 2016, 6, 22054.	3.3	2
64	Microscopic investigation of the magnetic saturation process for Co/Pt multilayers. <i>Journal of the Korean Physical Society</i> , 2016, 69, 72-74.	0.7	0
65	Ferromagnetic properties of GaN nanorods: Effect of silicon doping and hydrogenation. <i>Current Applied Physics</i> , 2016, 16, 886-889.	2.4	4
66	Highly efficient and stable cupronickel nanomesh electrode for flexible organic photovoltaic devices. <i>Journal of Power Sources</i> , 2016, 331, 22-25.	7.8	22
67	Dynamic Scaling Behavior of Nucleation and Saturation Field During Magnetization Reversal of Co/Pt Multilayers. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-5.	2.1	2
68	Effect of Proton Irradiation on the Magnetic Properties of Antiferromagnet/ferromagnet Structures. <i>Journal of Magnetics</i> , 2016, 21, 159-163.	0.4	3
69	Study on Proton Radiation Resistance of 410 Martensitic Stainless Steels under 3 MeV Proton Irradiation. <i>Journal of Magnetics</i> , 2016, 21, 183-186.	0.4	5
70	Thermoelectric Signal Enhancement by Reconciling the Spin Seebeck and Anomalous Nernst Effects in Ferromagnet/Non-magnet Multilayers. <i>Scientific Reports</i> , 2015, 5, 10249.	3.3	65
71	Magneto-optical kerr spectroscopy and interfacial perpendicular magnetic anisotropy of (Hf,Pt)/CoFeB/MgO thin films. <i>Journal of the Korean Physical Society</i> , 2015, 67, 1235-1239.	0.7	4
72	Enhanced reproducibility of the high efficiency perovskite solar cells via a thermal treatment. <i>RSC Advances</i> , 2015, 5, 52571-52577.	3.6	5

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73	Photoelectrochemical water splitting properties of hydrothermally-grown ZnO nanorods with controlled diameters. <i>Electronic Materials Letters</i> , 2015, 11, 65-72.	2.2	26
74	Configurable plasmonic substrates from heat-driven imprint-transferred Ag nanopatterns for enhanced photoluminescence. <i>RSC Advances</i> , 2015, 5, 50047-50053.	3.6	2
75	Fabrication of undoped ZnO thin film via photosensitive sol-gel method and its applications for an electron transport layer of organic solar cells. <i>Applied Surface Science</i> , 2015, 351, 487-491.	6.1	22
76	Analysis of Magnetic Relaxation With Pre-Existing Nucleation Sites Based on the Fatuzzo-Labrune Model. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	1
77	Realization of Large-Area Wrinkle-Free Monolayer Graphene Films Transferred to Functional Substrates. <i>Scientific Reports</i> , 2015, 5, 9610.	3.3	22
78	Magnetic resonance absorption in isolated metal/insulator/metal nanodot arrays with transmission geometry. <i>Current Applied Physics</i> , 2015, 15, 844-849.	2.4	3
79	Scanning transmission X-ray microscopy study of the stretched magnetic-domain structure of Co/Pt multilayers under an in-plane field. <i>Journal of the Korean Physical Society</i> , 2015, 66, 1732-1735.	0.7	5
80	Effect of protective layer on enhanced transmittance, mechanical durability, anti-fingerprint, and antibacterial activity of the silver nanoparticles deposited on flexible substrate. <i>Sensors and Actuators A: Physical</i> , 2015, 221, 131-138.	4.1	17
81	Synthesis of Highly Magnetic FeCo Nanoparticles Through a One Pot Polyol Process Using All Metal Chlorides Precursors with Precise Composition Tunability. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 734-737.	0.4	6
82	Annealing Effect on Ferromagnetic Resonance and Magnetic Properties of YIG Nanocrystals Prepared by Citrate Precursor Sol-Gel Method. <i>Nanoscience and Nanotechnology Letters</i> , 2015, 7, 738-742.	0.4	4
83	Effect of the Annealing Conditions on the Ferromagnetic Resonance of YIG Thin Film Prepared on GGG Substrate. <i>Korean Journal of Materials Research</i> , 2015, 25, 703-707.	0.2	0
84	Localized Surface Plasmon Resonance Coupling in Self-Assembled Ag Nanoparticles by Using 3-Dimensional FDTD Simulation. <i>Korean Journal of Materials Research</i> , 2014, 24, 417-422.	0.2	0
85	Interfacial perpendicular magnetic anisotropy in CoFeB/MgO structure with various underlayers. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	56
86	Highly efficient inverted polymer light-emitting diodes using surface modifications of ZnO layer. <i>Nature Communications</i> , 2014, 5, 4840.	12.8	138
87	Enhanced transmittance, mechanical durability, and anti-fingerprinting qualities of silver nanoparticles deposited onto glass substrates. <i>Journal of Alloys and Compounds</i> , 2014, 602, 255-260.	5.5	12
88	Comparison of hysteresis loop area scaling behavior of Co/Pt multilayers: Discrete and continuous field sweeping. <i>Journal of Magnetism and Magnetic Materials</i> , 2014, 351, 82-86.	2.3	6
89	Environmentally friendly electroless plating for Ag/TiO <sub>2</sub> -coated core-shell magnetic particles using ultrasonic treatment. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1456-1462.	8.2	19
90	Versatile surface plasmon resonance of carbon-dot-supported silver nanoparticles in polymer optoelectronic devices. <i>Nature Photonics</i> , 2013, 7, 732-738.	31.4	501

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91	Monodisperse Pattern Nanoalloying for Synergistic Intermetallic Catalysis. <i>Nano Letters</i> , 2013, 13, 5720-5726.	9.1	58
92	Lead Sulfide Nanocrystal Quantum Dot Solar Cells with Trenched ZnO Fabricated via Nanoimprinting. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 3803-3808.	8.0	21
93	Highly efficient plasmonic organic optoelectronic devices based on a conducting polymer electrode incorporated with silver nanoparticles. <i>Energy and Environmental Science</i> , 2013, 6, 1949.	30.8	69
94	Multipositional Silica-Coated Silver Nanoparticles for High-Performance Polymer Solar Cells. <i>Nano Letters</i> , 2013, 13, 2204-2208.	9.1	244
95	Highly efficient uniform ZnO nanostructures for an electron transport layer of inverted organic solar cells. <i>Chemical Communications</i> , 2013, 49, 6033.	4.1	27
96	Imprinted Pattern Profile-Dependent Optical Properties of Metal Nanostructures. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 06FJ02.	1.5	0
97	Conformally direct imprinted inorganic surface corrugation for light extraction enhancement of light emitting diodes. <i>Optics Express</i> , 2012, 20, A713.	3.4	16
98	Graphoepitaxy of Block-Copolymer Self-Assembly Integrated with Single-Step ZnO Nanoimprinting. <i>Small</i> , 2012, 8, 1563-1569.	10.0	36
99	Nanopatterning: Graphoepitaxy of Block-Copolymer Self-Assembly Integrated with Single-Step ZnO Nanoimprinting (Small 10/2012). <i>Small</i> , 2012, 8, 1458-1458.	10.0	1
100	Large area asymmetric ferromagnetic nanoring arrays fabricated by capillary force lithography. <i>Electronic Materials Letters</i> , 2012, 8, 71-74.	2.2	7
101	Finite-Difference Time-Domain Calculation of Light Scattering Efficiency for Ag Nanorings. <i>Korean Journal of Materials Research</i> , 2012, 22, 519-525.	0.2	2
102	Imprinted Pattern Profile-Dependent Optical Properties of Metal Nanostructures. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 06FJ02.	1.5	2
103	Enhancement of Light Extraction Efficiency of GaN Light Emitting Diodes Using Nanoscale Surface Corrugation. <i>Korean Journal of Materials Research</i> , 2012, 22, 636-641.	0.2	0
104	Synthesis of Monodisperse Fe <sub>3</sub> O <sub>4</sub> Nanoparticles by Optimized Sonochemical Method Using Mono(Ethylene Glycol) (MEG). <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 2726-2729.	0.9	7
105	A facile route to sonochemical synthesis of magnetic iron oxide (Fe <sub>3</sub> O <sub>4</sub> ) nanoparticles. <i>Thin Solid Films</i> , 2011, 519, 8277-8279.	1.8	60
106	High-Performance Organic Optoelectronic Devices Enhanced by Surface Plasmon Resonance. <i>Advanced Materials</i> , 2011, 23, 5689-5693.	21.0	152
107	Selective Binding and Detection of Magnetic Labels Using PHR Sensor via Photoresist Micro-Wells. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 4452-4456.	0.9	8
108	Spin-valve planar Hall sensor for single bead detection. <i>Sensors and Actuators A: Physical</i> , 2010, 157, 42-46.	4.1	43

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109	High field-sensitivity planar Hall sensor based on NiFe/Cu/IrMn trilayer structure. Journal of Applied Physics, 2010, 107, .	2.5	43
110	A plasmonic biosensor array by block copolymer lithography. Journal of Materials Chemistry, 2010, 20, 7241.	6.7	96
111	Early Stage Growth Structure and Stress Relaxation of CoCrPt Thin Films on Spherically Modulated Polymer Surface. Journal of Magnetism and Magnetic Materials, 2010, 15, 12-16.	0.4	0
112	Effect of Non-ionic Igepal CO-520 in Sonochemical Synthesis of Monodisperse Fe <sub>3</sub> O <sub>4</sub> Nanoparticles. Journal of Magnetism and Magnetic Materials, 2010, 15, 112-115.	0.4	0
113	Hybrid planar Hall-magnetoresistance sensor based on tilted cross-junction. Journal Physics D: Applied Physics, 2009, 42, 055007.	2.8	17
114	Optimization of the Multilayer Structures for a High Field-Sensitivity Biochip Sensor Based on the Planar Hall Effect. IEEE Transactions on Magnetics, 2009, 45, 4518-4521.	2.1	19
115	Correction to "Evolution of Stress With Film Thickness in Co Films on InP(001)". IEEE Transactions on Magnetics, 2009, 45, 3366-3366.	2.1	0
116	Arrays of Ferromagnetic Nanorings with Variable Thickness Fabricated by Capillary Force Lithography. Langmuir, 2009, 25, 12535-12540.	3.5	15
117	Evolution of Stress With Film Thickness in Co Films on InP(001). IEEE Transactions on Magnetics, 2009, 45, 2523-2526.	2.1	2
118	Localized surface plasmon resonance (LSPR) sensitivity of Au nanodot patterns to probe solvation effects in polyelectrolyte brushes. Chemical Communications, 2008, , 3666.	4.1	34
119	Influence of Working Pressure on The Magnetic Properties of Tb(Fe <sub>0.55</sub> Co <sub>0.45</sub> ) <sub>1.5</sub> Thin Films. Journal of Magnetism and Magnetic Materials, 2008, 13, 160-162.	0.4	1
120	Manipulation of spin reorientation transition of ultrathin Co films by using an artificially roughened Pd(111) substrate. Applied Physics Letters, 2007, 90, 022509.	3.3	5
121	Fabrication of TERFENOL-D/PZT bilayer structures for the study of voltage control of magnetization easy axis. Journal of Magnetism and Magnetic Materials, 2007, 310, e899-e900.	2.3	7
122	Fabrication of Hexagonal Lattice Co/Pd Multilayer Nanodot Arrays Using Colloidal Lithography. Small, 2007, 3, 1529-1533.	10.0	36
123	Magnetic configurations and magnetization reversal in the Co rings prepared by capillary force lithography. Journal of Applied Physics, 2006, 99, 08G310.	2.5	8
124	Correlation between growth stress and microstructure in CoCrPt alloy thin film with nanogranular structure. Journal of Magnetism and Magnetic Materials, 2005, 286, 442-445.	2.3	5
125	Magnetic properties of superparamagnetic <sup>57</sup> Fe <sub>2</sub> O <sub>3</sub> nanoparticles prepared by coprecipitation technique. Journal of Magnetism and Magnetic Materials, 2005, 286, 5-9.	2.3	30
126	Magnetic enhancement of iron oxide nanoparticles encapsulated with poly(d,l-lactide-co-glycolide). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 255, 19-25.	4.7	81



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127	Micromagnetic simulation of magnetization reversal behavior of Co/Pt multilayer nanodot array prepared by colloidal lithography. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 286, 23-26.	2.3	5
128	Saturation magnetostriction coefficient measurement of CoCrPt alloy thin films using a highly sensitive optical deflection-detecting system. <i>Journal of Applied Physics</i> , 2005, 97, 10N110.	2.5	11
129	Spin reorientation transition in ultrathin Co film on InP(2 $\sqrt{3}$ × $\sqrt{3}$ ) reconstructed surface. <i>Journal of Applied Physics</i> , 2005, 97, 10J114.	2.5	1
130	Intracellular translocation of superparamagnetic iron oxide nanoparticles encapsulated with peptide-conjugated poly(D,L lactide-co-glycolide). <i>Journal of Applied Physics</i> , 2005, 97, 10Q913.	2.5	18
131	Magnetic nanodot arrays patterned by selective ion etching using block copolymer templates. <i>Nanotechnology</i> , 2004, 15, 970-974.	2.6	22
132	Magnetic Properties of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Encapsulated With Poly(D,L Lactide-Co-Glycolide). <i>IEEE Transactions on Magnetics</i> , 2004, 40, 3015-3017.	2.1	15
133	In situ layer-resolved magnetoelastic coupling and growth stress study of Co/Pd nanomultilayer films. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 1251-1252.	2.3	0
134	Effects of PS/PVP diblock copolymer topography on the magnetic properties of CoCrPt thin films. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 1609-1612.	1.5	3
135	Magnetic properties of $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles made by coprecipitation method. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 1593-1596.	1.5	84
136	Magnetoelastic properties of Co/Pd nanomultilayer films. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 1706-1709.	1.5	3
137	Nanoparticles of magnetic ferric oxides encapsulated with poly(D,L lactide-co-glycolide) and their applications to magnetic resonance imaging contrast agent. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, 2432-2433.	2.3	97
138	Synthesis and characterization of superparamagnetic maghemite nanoparticles prepared by coprecipitation technique. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 282, 147-150.	2.3	147
139	Nanopatterned Magnetic Metal via Colloidal Lithography with Reactive Ion Etching. <i>Chemistry of Materials</i> , 2004, 16, 4208-4211.	6.7	54
140	Interplay of microstructure and magnetic properties in epitaxially grown Co <sub>35</sub> /Pd <sub>65</sub> alloy films on Cu/Si[100]. <i>IEEE Transactions on Magnetics</i> , 2003, 39, 2705-2707.	2.1	1
141	Magnetoelastic properties of epitaxially grown Co <sub>35</sub> Pd <sub>65</sub> alloy films on Cu/Si(001). <i>Journal of Applied Physics</i> , 2002, 91, 7179.	2.5	3
142	Spin-reorientation transitions in ultrathin Co films on Pt(111) and Pd(111) single-crystal substrates. <i>Physical Review B</i> , 2002, 66, .	3.2	84
143	Full vectorial spin-reorientation transition and magnetization reversal study in ultrathin ferromagnetic films using magneto-optical Kerr effects. <i>Physical Review B</i> , 2002, 65, .	3.2	29
144	Reversible spin-reorientation transition in Co <sub>0.35</sub> Pd <sub>0.65</sub> /Pd multilayer films. <i>Journal of Magnetism and Magnetic Materials</i> , 2002, 240, 543-545.	2.3	2

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145	In situ magnetoelastic coupling and stress-evolution studies of epitaxial Co <sub>35</sub> Pd <sub>65</sub> alloy films in the monolayer regime. Applied Physics Letters, 2001, 79, 3296-3298.	3.3	15
146	In situ vectorial magnetization study of ultrathin magnetic films using a surface magneto-optical Kerr effect measurement system. IEEE Transactions on Magnetics, 2001, 37, 2773-2775.	2.1	2
147	Spin engineering in ultrathin Co <sub>0.35</sub> Pd <sub>0.65</sub> alloy films. Applied Physics Letters, 2001, 79, 1652-1654.	3.3	15
148	Experimental observation of magnetically dead layers in Ni/Pt multilayer films. Physical Review B, 2001, 64, .	3.2	27
149	Influence of substrate roughness on spin reorientation transition of ultrathin Co films on Pd(111). Applied Physics Letters, 2001, 79, 93-95.	3.3	16
150	Growth and magnetic properties of ultrathin Co films on Pd(111) investigated by ultrahigh vacuum in situ surface magneto-optical Kerr effect and scanning tunneling microscope. Journal of Applied Physics, 2001, 89, 7147-7149.	2.5	14
151	Induced easy-axis reorientation in Ni/Pd multilayers upon Ar sputtering pressure. Journal of Applied Physics, 2000, 87, 6851-6853.	2.5	4
152	Dependence of magnetoelastic anisotropy on Ni-sublayer thickness in Ni/Pd nanomultilayers. IEEE Transactions on Magnetics, 2000, 36, 3229-3231.	2.1	0
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