

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	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
2	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
3	Multipositional Silica-Coated Silver Nanoparticles for High-Performance Polymer Solar Cells. <i>Nano Letters</i> , 2013, 13, 2204-2208.	9.1	244
4	High-Performance Organic Optoelectronic Devices Enhanced by Surface Plasmon Resonance. <i>Advanced Materials</i> , 2011, 23, 5689-5693.	21.0	152
5	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
6	Highly efficient inverted polymer light-emitting diodes using surface modifications of ZnO layer. <i>Nature Communications</i> , 2014, 5, 4840.	12.8	138
7	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
8	A plasmonic biosensor array by block copolymer lithography. <i>Journal of Materials Chemistry</i> , 2010, 20, 7241.	6.7	96
9	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
10	Magnetic properties of γ -Fe ₂ O ₃ nanoparticles made by coprecipitation method. <i>Physica Status Solidi (B): Basic Research</i> , 2004, 241, 1593-1596.	1.5	84
11	Magnetic enhancement of iron oxide nanoparticles encapsulated with poly(d,l-lactide-co-glycolide). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 255, 19-25.	4.7	81
12	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
13	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
14	A facile route to sonochemical synthesis of magnetic iron oxide (Fe ₃ O ₄) nanoparticles. <i>Thin Solid Films</i> , 2011, 519, 8277-8279.	1.8	60
15	Monodisperse Pattern Nanoalloying for Synergistic Intermetallic Catalysis. <i>Nano Letters</i> , 2013, 13, 5720-5726.	9.1	58
16	Interfacial perpendicular magnetic anisotropy in CoFeB/MgO structure with various underlayers. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	56
17	Nanopatterned Magnetic Metal via Colloidal Lithography with Reactive Ion Etching. <i>Chemistry of Materials</i> , 2004, 16, 4208-4211.	6.7	54
18	Mechanistic Insight into Surface Defect Control in Perovskite Nanocrystals: Ligands Terminate the Valence Transition from Pb ²⁺ to Metallic Pb ⁰ . <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4222-4228.	4.6	51

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19	Controlled morphology of MWCNTs driven by polymer-grafted nanoparticles for enhanced microwave absorption. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8436-8443.	5.5	50
20	Magnetoresponse Photonic Microspheres with Structural Color Gradient. <i>Advanced Materials</i> , 2017, 29, 1605450.	21.0	47
21	Spin-valve planar Hall sensor for single bead detection. <i>Sensors and Actuators A: Physical</i> , 2010, 157, 42-46.	4.1	43
22	High field-sensitivity planar Hall sensor based on NiFe/Cu/IrMn trilayer structure. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	43
23	Plasmonic Ag-Decorated Few-Layer MoS ₂ Nanosheets Vertically Grown on Graphene for Efficient Photoelectrochemical Water Splitting. <i>Nano-Micro Letters</i> , 2020, 12, 172.	27.0	39
24	Fabrication of Hexagonal Lattice Co/Pd Multilayer Nanodot Arrays Using Colloidal Lithography. <i>Small</i> , 2007, 3, 1529-1533.	10.0	36
25	Graphoepitaxy of Block Copolymer Self-Assembly Integrated with Single-Step ZnO Nanoimprinting. <i>Small</i> , 2012, 8, 1563-1569.	10.0	36
26	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
27	Optimization of FeNi/SWCNT composites by a simple co-arc discharge process to improve microwave absorption performance. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156712.	5.5	36
28	Electric-field control of field-free spin-orbit torque switching via laterally modulated Rashba effect in Pt/Co/AlOx structures. <i>Nature Communications</i> , 2021, 12, 7111.	12.8	36
29	Effect of annealing temperature on surface morphology and ultralow ferromagnetic resonance linewidth of yttrium iron garnet thin film grown by rf sputtering. <i>Applied Surface Science</i> , 2018, 435, 377-383.	6.1	35
30	Rational construction of S-doped FeOOH onto Fe ₂ O ₃ nanorods for enhanced water oxidation. <i>Journal of Colloid and Interface Science</i> , 2022, 616, 749-758.	9.4	35
31	Localized surface plasmon resonance (LSPR) sensitivity of Au nanodot patterns to probe solvation effects in polyelectrolyte brushes. <i>Chemical Communications</i> , 2008, , 3666.	4.1	34
32	Magnetic properties of superparamagnetic ⁵⁷ Fe-Fe ₂ O ₃ nanoparticles prepared by coprecipitation technique. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 286, 5-9.	2.3	30
33	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
34	Experimental observation of magnetically dead layers in Ni/Pt multilayer films. <i>Physical Review B</i> , 2001, 64, .	3.2	27
35	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
36	Photoelectrochemical water splitting properties of hydrothermally-grown ZnO nanorods with controlled diameters. <i>Electronic Materials Letters</i> , 2015, 11, 65-72.	2.2	26

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37	ZnTe-coated ZnO nanorods: Hydrogen sulfide nano-sensor purely controlled by pn junction. <i>Materials and Design</i> , 2020, 191, 108628.	7.0	25
38	Porous Fe ₃ O ₄ Nanospheres with Controlled Porosity for Enhanced Electromagnetic Wave Absorption. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1701032.	1.8	24
39	In-situ Co-Arc Discharge Synthesis of Fe ₃ O ₄ /SWCNT Composites for Highly Effective Microwave Absorption. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700989.	1.8	24
40	Rational design of carbon shell-encapsulated cobalt nanospheres to enhance microwave absorption performance. <i>Progress in Natural Science: Materials International</i> , 2019, 29, 88-93.	4.4	24
41	Discharge physics and atomic layer etching in Ar/C4F6 inductively coupled plasmas with a radio frequency bias. <i>Physics of Plasmas</i> , 2021, 28, .	1.9	24
42	Magnetic nanodot arrays patterned by selective ion etching using block copolymer templates. <i>Nanotechnology</i> , 2004, 15, 970-974.	2.6	22
43	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
44	Realization of Large-Area Wrinkle-Free Monolayer Graphene Films Transferred to Functional Substrates. <i>Scientific Reports</i> , 2015, 5, 9610.	3.3	22
45	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
46	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
47	Lead Sulfide Nanocrystal Quantum Dot Solar Cells with Trenched ZnO Fabricated via Nanoimprinting. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3803-3808.	8.0	21
48	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
49	Optimization of the Multilayer Structures for a High Field-Sensitivity Biochip Sensor Based on the Planar Hall Effect. <i>IEEE Transactions on Magnetics</i> , 2009, 45, 4518-4521.	2.1	19
50	Environmentally friendly electroless plating for Ag/TiO ₂ -coated core-shell magnetic particles using ultrasonic treatment. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 1456-1462.	8.2	19
51	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
52	Enhanced Output Performance of a Flexible Piezoelectric Nanogenerator Realized by Lithium-Doped Zinc Oxide Nanowires Decorated on MXene. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26824-26832.	8.0	18
53	Origins of perpendicular magnetic anisotropy in Ni/Pd multilayer films. <i>Journal of Applied Physics</i> , 1999, 85, 5762-5764.	2.5	17
54	Hybrid planar Hall-magnetoresistance sensor based on tilted cross-junction. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 055007.	2.8	17

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55	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
56	Controlling the electric permittivity of honeycomb-like core-shell Ni/CuSiO ₃ composite nanospheres to enhance microwave absorption properties. <i>RSC Advances</i> , 2020, 10, 1172-1180.	3.6	17
57	Unconventional magnetoresistance induced by spin magnetism in GdFeCo. <i>Physical Review B</i> , 2021, 103, .	3.2	17
58	Plasma etching of the trench pattern with high aspect ratio mask under ion tilting. <i>Applied Surface Science</i> , 2022, 595, 153462.	6.1	17
59	Influence of substrate roughness on spin reorientation transition of ultrathin Co films on Pd(111). <i>Applied Physics Letters</i> , 2001, 79, 93-95.	3.3	16
60	Conformally direct imprinted inorganic surface corrugation for light extraction enhancement of light emitting diodes. <i>Optics Express</i> , 2012, 20, A713.	3.4	16
61	Effects of heating rate on the magneto-optical properties of bismuth-substituted yttrium iron garnet films prepared via modified metal-organic decomposition. <i>Current Applied Physics</i> , 2018, 18, 241-245.	2.4	16
62	In situ magnetoelastic coupling and stress-evolution studies of epitaxial Co ₃₅ Pd ₆₅ alloy films in the monolayer regime. <i>Applied Physics Letters</i> , 2001, 79, 3296-3298.	3.3	15
63	Spin engineering in ultrathin Co _{0.35} Pd _{0.65} alloy films. <i>Applied Physics Letters</i> , 2001, 79, 1652-1654.	3.3	15
64	Magnetic Properties of Fe ₃ O ₄ Nanoparticles Encapsulated With Poly(D,L Lactide-Co-Glycolide). <i>IEEE Transactions on Magnetics</i> , 2004, 40, 3015-3017.	2.1	15
65	Arrays of Ferromagnetic Nanorings with Variable Thickness Fabricated by Capillary Force Lithography. <i>Langmuir</i> , 2009, 25, 12535-12540.	3.5	15
66	Ultrafast dynamics of exchange stiffness in Co/Pt multilayer. <i>Communications Physics</i> , 2020, 3, .	5.3	15
67	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. <i>Journal of Applied Physics</i> , 2001, 89, 7147-7149.	2.5	14
68	Synthesis of porous Fe ₃ O ₄ -SnO ₂ core-void-shell nanocomposites as high-performance microwave absorbers. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106585.	6.7	14
69	Room-temperature perpendicular magnetic anisotropy in Ni/Pd (111) multilayers. <i>Applied Physics Letters</i> , 1999, 75, 3174-3176.	3.3	13
70	Preparation and characterization of silver coated magnetic microspheres prepared by a modified electroless plating process. <i>Powder Technology</i> , 2019, 342, 301-307.	4.2	13
71	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
72	Ultrafast giant magnetic cooling effect in ferromagnetic Co/Pt multilayers. <i>Nature Communications</i> , 2017, 8, 796.	12.8	12

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73	A Separated Receptor/Transducer Scheme as Strategy to Enhance the Gas Sensing Performance Using Hematite@Carbon Nanotube Composite. <i>Sensors</i> , 2019, 19, 3915.	3.8	12
74	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
75	Flexible h-BN foam sheets for multifunctional electronic packaging materials with ultrahigh thermostability. <i>Soft Matter</i> , 2018, 14, 4204-4212.	2.7	11
76	Morphology-dependent spin Seebeck effect in yttrium iron garnet thin films prepared by metal-organic decomposition. <i>Ceramics International</i> , 2021, 47, 16770-16775.	4.8	11
77	Multilayer metal-oxide-metal nanopatterns via nanoimprint and strip-off for multispectral resonance. <i>Applied Surface Science</i> , 2018, 428, 280-288.	6.1	10
78	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
79	Magnetic/catalytic properties and strain induced structural phase transformation from $\hat{1}^2$ -FeOOH to porous $\hat{1}^{\pm}$ -Fe ₂ O ₃ nanorods. <i>Journal of Alloys and Compounds</i> , 2019, 771, 131-139.	5.5	9
80	Observation of magnetic dead layer in Ni/Pt multilayers. <i>IEEE Transactions on Magnetics</i> , 1999, 35, 3073-3075.	2.1	8
81	Magnetic configurations and magnetization reversal in the Co rings prepared by capillary force lithography. <i>Journal of Applied Physics</i> , 2006, 99, 08G310.	2.5	8
82	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
83	Enhanced thermoelectric properties of Ge ₂ Sb ₂ Te ₅ thin films through the control of crystal structure. <i>Current Applied Physics</i> , 2017, 17, 744-750.	2.4	8
84	Development of an Fe ₃ O ₄ @Cu silicate based sensing platform for the electrochemical sensing of dopamine. <i>RSC Advances</i> , 2018, 8, 31037-31047.	3.6	8
85	Broadband tunable plasmonic substrate using self-assembled gold@silver alloy nanoparticles. <i>Current Applied Physics</i> , 2019, 19, 1245-1251.	2.4	8
86	Fabrication of TERFENOL-D/PZT bilayer structures for the study of voltage control of magnetization easy axis. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, e899-e900.	2.3	7
87	Synthesis of Monodisperse Fe ₃ O ₄ Nanoparticles by Optimized Sonochemical Method Using Mono(Ethylene Glycol) (MEG). <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 2726-2729.	0.9	7
88	Large area asymmetric ferromagnetic nanoring arrays fabricated by capillary force lithography. <i>Electronic Materials Letters</i> , 2012, 8, 71-74.	2.2	7
89	Sustainable Method for the Large-Scale Preparation of Fe ₃ O ₄ Nanocrystals. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2578-2584.	3.8	7
90	High reflective efficiency and durability of multilayered core-shell composite particles with controlled shell thickness. <i>Dyes and Pigments</i> , 2018, 153, 53-60.	3.7	7

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91	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
92	Observation of Thermal Spin-Orbit Torque in W/CoFeB/MgO Structures. Nano Letters, 2020, 20, 7803-7810.	9.1	7
93	Comparison of hysteresis loop area scaling behavior of Co/Pt multilayers: Discrete and continuous field sweeping. Journal of Magnetism and Magnetic Materials, 2014, 351, 82-86.	2.3	6
94	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
95	Role of non-thermal electrons in ultrafast spin dynamics of ferromagnetic multilayer. Scientific Reports, 2020, 10, 6355.	3.3	6
96	Synthesis of Highly Magnetic FeCo Nanoparticles Through a One Pot Polyol Process Using All Metal Chlorides Precursors with Precise Composition Tunability. Nanoscience and Nanotechnology Letters, 2015, 7, 734-737.	0.4	6
97	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
98	Micromagnetic simulation of magnetization reversal behavior of Co/Pt multilayer nanodot array prepared by colloidal lithography. Journal of Magnetism and Magnetic Materials, 2005, 286, 23-26.	2.3	5
99	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
100	Enhanced reproducibility of the high efficiency perovskite solar cells via a thermal treatment. RSC Advances, 2015, 5, 52571-52577.	3.6	5
101	Scanning transmission X-ray microscopy study of the stretched magnetic-domain structure of Co/Pt multilayers under an in-plane field. Journal of the Korean Physical Society, 2015, 66, 1732-1735.	0.7	5
102	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
103	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
104	Study on Proton Radiation Resistance of 410 Martensitic Stainless Steels under 3 MeV Proton Irradiation. Journal of Magnetism, 2016, 21, 183-186.	0.4	5
105	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
106	Deposition of Crystalline GdIG Samples Using Metal Organic Decomposition Method. Magnetochemistry, 2022, 8, 28.	2.4	5
107	An experimental and theoretical study of copolymerization of o-phenylenediamine and thiophene. European Polymer Journal, 2022, 176, 111423.	5.4	5
108	Induced easy-axis reorientation in Ni/Pd multilayers upon Ar sputtering pressure. Journal of Applied Physics, 2000, 87, 6851-6853.	2.5	4

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109	Magneto-optical kerr spectroscopy and interfacial perpendicular magnetic anisotropy of (Hf,Pt)/CoFeB/MgO thin films. Journal of the Korean Physical Society, 2015, 67, 1235-1239.	0.7	4
110	Ferromagnetic properties of GaN nanorods: Effect of silicon doping and hydrogenation. Current Applied Physics, 2016, 16, 886-889.	2.4	4
111	Thermoelectric properties of nanocomposite n-type Cr2O3/Cr thin films deposited by a reactive sputtering. Vacuum, 2017, 140, 71-75.	3.5	4
112	Fill factor controlled nanoimprinted ZnO nanowires based on atomic layer deposition. Current Applied Physics, 2018, 18, 767-773.	2.4	4
113	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
114	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
115	Amplification of Spin Thermoelectric Signals in Multilayer Spin Thermopiles. ACS Applied Electronic Materials, 2020, 2, 2906-2912.	4.3	4
116	Microscopic origin of asymmetric magnetization reversal of Co/Pt multilayers with perpendicular magnetic anisotropy. Current Applied Physics, 2020, 20, 1026-1030.	2.4	4
117	Annealing Effect on Ferromagnetic Resonance and Magnetic Properties of YIG Nanocrystals Prepared by Citrate Precursor Sol-gel Method. Nanoscience and Nanotechnology Letters, 2015, 7, 738-742.	0.4	4
118	Quasi-static strain governing ultrafast spin dynamics. Communications Physics, 2022, 5, .	5.3	4
119	Magnetoelastic properties of epitaxially grown Co ₃₅ Pd ₆₅ alloy films on Cu/Si(001). Journal of Applied Physics, 2002, 91, 7179.	2.5	3
120	Effects of PS-PVP diblock copolymer topography on the magnetic properties of CoCrPt thin films. Physica Status Solidi (B): Basic Research, 2004, 241, 1609-1612.	1.5	3
121	Magnetoelastic properties of Co/Pd nanomultilayer films. Physica Status Solidi (B): Basic Research, 2004, 241, 1706-1709.	1.5	3
122	Magnetic resonance absorption in isolated metal/insulator/metal nanodot arrays with transmission geometry. Current Applied Physics, 2015, 15, 844-849.	2.4	3
123	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
124	Intriguing Hysteresis Dynamics in Ultrafast Photo-induced Magnetization. Physica Status Solidi (B): Basic Research, 2020, 257, 1900307.	1.5	3
125	Effect of Proton Irradiation on the Magnetic Properties of Antiferromagnet/ferromagnet Structures. Journal of Magnetism, 2016, 21, 159-163.	0.4	3
126	Magnetization and magnetic anisotropy in Ni/Pd multilayer films. IEEE Transactions on Magnetism, 1999, 35, 3805-3807.	2.1	2

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127	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
128	Reversible spin-reorientation transition in Co _{0.35} Pd _{0.65} /Pd multilayer films. Journal of Magnetism and Magnetic Materials, 2002, 240, 543-545.	2.3	2
129	Evolution of Stress With Film Thickness in Co Films on InP(001). IEEE Transactions on Magnetics, 2009, 45, 2523-2526.	2.1	2
130	Configurable plasmonic substrates from heat-driven imprint-transferred Ag nanopatterns for enhanced photoluminescence. RSC Advances, 2015, 5, 50047-50053.	3.6	2
131	Coherent phonon control via electron-lattice interaction in ferromagnetic Co/Pt multilayers. Scientific Reports, 2016, 6, 22054.	3.3	2
132	Dynamic Scaling Behavior of Nucleation and Saturation Field During Magnetization Reversal of Co/Pt Multilayers. IEEE Transactions on Magnetics, 2016, 52, 1-5.	2.1	2
133	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
134	Finite-Difference Time-Domain Calculation of Light Scattering Efficiency for Ag Nanorings. Korean Journal of Materials Research, 2012, 22, 519-525.	0.2	2
135	Imprinted Pattern Profile-Dependent Optical Properties of Metal Nanostructures. Japanese Journal of Applied Physics, 2012, 51, 06FJ02.	1.5	2
136	Interplay of microstructure and magnetic properties in epitaxially grown Co ₃₅ /Pd ₆₅ alloy films on Cu/Si[100]. IEEE Transactions on Magnetics, 2003, 39, 2705-2707.	2.1	1
137	Spin reorientation transition in ultrathin Co film on InP(2 $\bar{1}$ –4) reconstructed surface. Journal of Applied Physics, 2005, 97, 10J114.	2.5	1
138	Nanopatterning: Graphoepitaxy of Block Copolymer Self-Assembly Integrated with Single-Step ZnO Nanoimprinting (Small 10/2012). Small, 2012, 8, 1458-1458.	10.0	1
139	Analysis of Magnetic Relaxation With Pre-Existing Nucleation Sites Based on the Fatuzzo-Labrune Model. IEEE Transactions on Magnetics, 2015, 51, 1-4.	2.1	1
140	Hydrothermal Synthesis and Characterization of Sm ₂ O ₂ SO ₄ Nanoplates. Bulletin of the Korean Chemical Society, 2017, 38, 1149-1154.	1.9	1
141	Influence of Working Pressure on The Magnetic Properties of Tb(Fe _{0.55} Co _{0.45}) _{1.5} Thin Films. Journal of Magnetism, 2008, 13, 160-162.	0.4	1
142	Morphological Controlled Synthesis of FeCo Nanoparticles and Their Magnetic Properties. Current Nanoscience, 2020, 16, .	1.2	1
143	Observation of magnetic dead layer in Ni/Pt multilayers. , 1999, , .		0
144	Magnetization and magnetic anisotropy in NiPd multilayer films. , 1999, , .		0

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145	Dependence of magnetoelastic anisotropy on Ni-sublayer thickness in Ni/Pd nanomultilayers. IEEE Transactions on Magnetics, 2000, 36, 3229-3231.	2.1	0
146	Magnetic properties of CoCrPt thin films on self-assembled PS-PVP diblock copolymer template. , 0, , .		0
147	Interplay of microstructure and magnetic properties in epitaxially grown Co/sub 35/Pd/sub 65/ films on Cu/Si(100). , 0, , .		0
148	In situ layer-resolved magnetoelastic coupling and growth stress study of Co/Pd nanomultilayer films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1251-1252.	2.3	0
149	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
150	Imprinted Pattern Profile-Dependent Optical Properties of Metal Nanostructures. Japanese Journal of Applied Physics, 2012, 51, 06FJ02.	1.5	0
151	Localized Surface Plasmon Resonance Coupling in Self-Assembled Ag Nanoparticles by Using 3-Dimensional FDTD Simulation. Korean Journal of Materials Research, 2014, 24, 417-422.	0.2	0
152	Microscopic investigation of the magnetic saturation process for Co/Pt multilayers. Journal of the Korean Physical Society, 2016, 69, 72-74.	0.7	0
153	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
154	Study of magnonâ€“phonon non-equilibrium in a magnetic insulatorâ€“Thulium iron garnet. Applied Physics Letters, 2021, 119, 152406.	3.3	0
155	Early Stage Growth Structure and Stress Relaxation of CoCrPt Thin Films on Spherically Modulated Polymer Surface. Journal of Magnetism, 2010, 15, 12-16.	0.4	0
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