

# Chi Wah Leung

## List of Publications by Year in descending order

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188  
papers

4,078  
citations

134610

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162838

57  
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190  
all docs

190  
docs citations

190  
times ranked

7508  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Interfacial Antiferromagnetic Coupling Between Ferrimagnetic Garnet Thin Films. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	2
2	Modulating Antiferromagnetic La <sub>0.35</sub> Sr <sub>0.65</sub> MnO <sub>3</sub> via Low-Voltage Pulsing Across a Ferroelectric Copolymer Gate Dielectric. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	0
3	Comparison of topotactic and magnetic structures for manganite oxide films. Ceramics International, 2022, 48, 12515-12519.	2.3	2
4	Plasmonic Nanocavity Induced Coupling and Boost of Dark Excitons in Monolayer WSe <sub>2</sub> at Room Temperature. Nano Letters, 2022, 22, 1915-1921.	4.5	25
5	The Effectiveness of Data Augmentation of SEM Images on a Small Database Based on Deep-Learning Intelligence. Brazilian Journal of Physics, 2022, 52, 1.	0.7	0
6	Multistep nucleation visualized during solid-state crystallization. Materials Horizons, 2022, 9, 1670-1678.	6.4	6
7	Probing electron transport in plasmonic molecular junctions with two-photon luminescence spectroscopy. Nanophotonics, 2021, 10, 2467-2479.	2.9	3
8	Upside-Down Molding Approach for Geometrical Parameter-Tunable Photonic Perovskite Nanostructures. ACS Applied Materials & Interfaces, 2021, 13, 27313-27322.	4.0	2
9	Visualization of Bubble Nucleation and Growth Confined in 2D Flakes. Small, 2021, 17, e2103301.	5.2	9
10	Strain dependent structure and anomalous Hall effect in Pt/Tb <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> /Ga <sub>3</sub> Gd <sub>5</sub> O <sub>12</sub> heterostructure grown on Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> substrates. Journal of Magnetism and Magnetic Materials, 2021, 536, 168130.	1.0	2
11	Tunable piezoresistivity of low percolation threshold micro-nickel wires/PDMS conductive composite regulated by magnetic field. Journal of Materials Chemistry C, 2021, 9, 5908-5919.	2.7	8
12	Visualization of Bubble Nucleation and Growth Confined in 2D Flakes (Small 39/2021). Small, 2021, 17, 2170205.	5.2	1
13	Plasmon-Induced Optical Magnetism in an Ultrathin Metal Nanosphere-Based Dimer-Film Nanocavity. Laser and Photonics Reviews, 2020, 14, 2000068.	4.4	15
14	Modulating Magnetism in Ferroelectric Polymer-Gated Perovskite Manganite Films with Moderate Gate Pulse Chains. ACS Applied Materials & Interfaces, 2020, 12, 56541-56548.	4.0	4
15	High-Temperature Anomalous Hall Effect in a Transition Metal Dichalcogenide Ferromagnetic Insulator Heterostructure. ACS Nano, 2020, 14, 7077-7084.	7.3	15
16	Exchange bias effect in epitaxial La <sub>0.35</sub> Sr <sub>0.65</sub> MnO <sub>3</sub> /La <sub>0.7</sub> Sr <sub>0.3</sub> MnO <sub>3</sub> bilayers: Impact of antiferromagnet growth conditions. Vacuum, 2020, 175, 109280.	1.6	5
17	Effect of Thickness on the Optical and Electrical Properties of ITO/Au/ITO Sandwich Structures. ACS Applied Materials & Interfaces, 2020, 12, 13437-13446.	4.0	17
18	Interfacial Tm <sup>3+</sup> moment-driven anomalous Hall effect in Pt/Tm <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> heterostructure. Journal of Magnetism and Magnetic Materials, 2020, 501, 166454.	1.0	0

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19	Thermal Redistribution of Exciton Population in Monolayer Transition Metal Dichalcogenides Probed with Plasmon-Exciton Coupling Spectroscopy. ACS Photonics, 2019, 6, 411-421.	3.2	42
20	Enhanced Anomalous Hall Effect in Pt/CoO Heterostructures by Ferrimagnetic Insulator Gating. ACS Applied Electronic Materials, 2019, 1, 1099-1104.	2.0	3
21	Synthesis and controlled morphology of Ni@Ag core shell nanowires with excellent catalytic efficiency and recyclability. Nanotechnology, 2019, 30, 385603.	1.3	8
22	Photo-induced anomalous Hall effect in nickel thin films. Journal of Magnetism and Magnetic Materials, 2019, 485, 82-84.	1.0	5
23	Magnetoresistive Sensor Development Roadmap (Non-Recording Applications). IEEE Transactions on Magnetics, 2019, 55, 1-30.	1.2	138
24	Tuning ferromagnetic properties of LaMnO <sub>3</sub> films by oxygen vacancies and strain. Journal of Magnetism and Magnetic Materials, 2019, 481, 85-92.	1.0	16
25	Fabrication and Characterization of Epitaxial Gd-Doped SBN Thin Films. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800660.	0.8	3
26	Magnetic-Assisted Transparent and Flexible Percolative Composite for Highly Sensitive Piezoresistive Sensor via Hot Embossing Technology. ACS Applied Materials & Interfaces, 2019, 11, 48331-48340.	4.0	33
27	Rectify Effect of PEDOT:PSS/WS <sub>2</sub> Heterostructure. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1800829.	0.8	10
28	Observable Two-Step Nucleation Mechanism in Solid-State Formation of Tungsten Carbide. ACS Nano, 2019, 13, 681-688.	7.3	32
29	Lithographic patterning of ferromagnetic FePt nanoparticles from a single-source bimetallic precursor containing hemiphase structure for magnetic data recording media. Science China Materials, 2019, 62, 566-576.	3.5	28
30	Flipped-classroom with interactive videos in first year undergraduate physics course in Hong Kong. , 2019, , .		1
31	Raman studies of MoS <sub>2</sub> under strain at different uniaxial directions. Vacuum, 2018, 153, 274-276.	1.6	14
32	Controllable synthesis of nickel nanowires and its application in high sensitivity, stretchable strain sensor for body motion sensing. Journal of Materials Chemistry C, 2018, 6, 4737-4745.	2.7	61
33	Three-dimensional macroporous graphene monoliths with entrapped MoS <sub>2</sub> nanoflakes from single-step synthesis for high-performance sodium-ion batteries. RSC Advances, 2018, 8, 2477-2484.	1.7	13
34	Effect of post-annealing on laser-ablation deposited WS <sub>2</sub> thin films. Vacuum, 2018, 152, 239-242.	1.6	9
35	Percolative multi-susceptible PVDF/NZFO composite films with triply controlled high dielectric and magnetic properties. Journal of Applied Physics, 2018, 123, .	1.1	7
36	A ferroelectric relaxor polymer-enhanced p-type WSe <sub>2</sub> transistor. Nanoscale, 2018, 10, 1727-1734.	2.8	31

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37	Magnetotransport properties of Ca <sub>0.8</sub> La <sub>0.2</sub> IrO <sub>3</sub> epitaxial films. <i>Materials Letters</i> , 2018, 213, 135-137.	1.3	1
38	<i>In Situ</i> Observation of Ice Formation from Water Vapor by Environmental SEM. <i>Crystal Growth and Design</i> , 2018, 18, 6602-6608.	1.4	9
39	Edge decoration of MoS <sub>2</sub> monolayer with ferromagnetic CoFe nanoparticles. <i>Materials Research Express</i> , 2018, 5, 115010.	0.8	2
40	Gate-Controlled Transport Properties in Dilute Magnetic Semiconductor (Zn, Mn)O Thin Films. <i>IEEE Transactions on Magnetics</i> , 2018, 54, 1-4.	1.2	1
41	Anomalous Hall effect in Pt/Tb <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> heterostructure: Effect of compensation point. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 468, 235-240.	1.0	20
42	Observation of a plasmon induced magnetic resonance in a gold sphere dimer-on-film nanocavity. , 2018, , .		0
43	Exchange bias study of sub-100 nm-diameter CoFeB/IrMn antidot and nanodot arrays fabricated by nanosphere lithography. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2017, 381, 2709-2714.	0.9	7
44	Self-assembled thin films of Fe <sub>3</sub> O <sub>4</sub> -Ag composite nanoparticles for spintronic applications. <i>Applied Surface Science</i> , 2017, 419, 692-696.	3.1	31
45	One-pot synthesis of ferromagnetic FePd nanoparticles from single-source organometallic precursors and size effect of metal fraction in polymer chain. <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 10-16.	0.8	15
46	Reduced magnetic coercivity and switching field in NiFeCuMo/Ru/NiFeCuMo synthetic-ferrimagnetic nanodots. <i>Applied Surface Science</i> , 2017, 410, 479-484.	3.1	2
47	Magnetically assembled iron oxide nanoparticle coatings and their integration with pseudo-spin-valve thin films. <i>Journal of Materials Chemistry C</i> , 2017, 5, 252-263.	2.7	40
48	Patterning of L <sub>1</sub> FePt nanoparticles with ultra-high coercivity for bit-patterned media. <i>Nanoscale</i> , 2017, 9, 731-738.	2.8	45
49	Ni antidot structure via single-step anodization of Al/Ni films. <i>Solid-State Electronics</i> , 2017, 138, 73-78.	0.8	0
50	Spin-valve junction with transfer-free MoS <sub>2</sub> /spacer prepared by sputtering. , 2017, , .		2
51	CoFe <sub>2</sub> O <sub>4</sub> Nanoparticle-Integrated Spin-Valve Thin Films Prepared by Interfacial Self-Assembly. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22508-22516.	1.5	19
52	Enhanced tunability of electrical and magnetic properties in (La,Sr)MnO <sub>3</sub> thin films via field-assisted oxygen vacancy modulation. <i>Solid-State Electronics</i> , 2017, 138, 56-61.	0.8	6
53	Effect of post-annealing on sputtered MoS <sub>2</sub> films. <i>Solid-State Electronics</i> , 2017, 138, 62-65.	0.8	10
54	Spin-Valve Junction With Transfer-Free MoS <sub>2</sub> Spacer Prepared by Sputtering. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-5.	1.2	10

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55	Structural, magnetic and transport properties of fully epitaxial LaMnO <sub>3</sub> /LaAlO <sub>3</sub> multilayers. <i>Materials Letters</i> , 2017, 205, 230-232.	1.3	2
56	Observation of Room-Temperature Magnetoresistance in Monolayer MoS <sub>2</sub> by Ferromagnetic Gating. <i>ACS Nano</i> , 2017, 11, 6950-6958.	7.3	59
57	The fabrication of large-area and uniform bilayer MoS <sub>2</sub> thin films. , 2017, , .		0
58	Remote-controlled optics experiment for supporting senior high school and undergraduate teaching. , 2017, , .		1
59	Reduced magnetic coercivity and switching field in conetic-alloy-based synthetic-ferrimagnetic nanodots. , 2016, , .		0
60	Facile fabrication of highly ordered poly(vinylidene fluoride-trifluoroethylene) nanodot arrays for organic ferroelectric memory. <i>Journal of Applied Physics</i> , 2016, 119, 014104.	1.1	5
61	Magnetic-Field-Assisted Assembly of Anisotropic Superstructures by Iron Oxide Nanoparticles and Their Enhanced Magnetism. <i>Nanoscale Research Letters</i> , 2016, 11, 189.	3.1	25
62	Porphyrin-based metallopolymers: synthesis, characterization and pyrolytic study for the generation of magnetic metal nanoparticles. <i>Journal of Materials Chemistry C</i> , 2016, 4, 5010-5018.	2.7	37
63	A numerical investigation on effects of lateral Si/SiO <sub>2</sub> interface traps on magnetic sensitivity of sectorial SD-MAGFET. , 2016, , .		1
64	WS <sub>2</sub> nanotube formation by sulphurization: Effect of precursor tungsten film thickness and stress. <i>Materials Chemistry and Physics</i> , 2016, 181, 352-358.	2.0	12
65	Atomic-Scale Mechanism on Nucleation and Growth of Mo <sub>2</sub> C Nanoparticles Revealed by in Situ Transmission Electron Microscopy. <i>Nano Letters</i> , 2016, 16, 7875-7881.	4.5	28
66	Exchange bias study of CoFeB/IrMn antidot and nanodot arrays fabricated by nanosphere lithography. , 2016, , .		0
67	Nanopatterned L1 <sub>0</sub> -FePt nanoparticles from single-source metallopolymer precursors for potential application in ferromagnetic bit-patterned media magnetic recording. <i>Polymer Chemistry</i> , 2016, 7, 4467-4475.	1.9	34
68	Magnetism as a tool for band-gap narrowing of zinc oxide films prepared by sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 77, 240-243.	1.1	5
69	Metallopolymer precursors to L1 <sub>0</sub> -CoPt nanoparticles: synthesis, characterization, nanopatterning and potential application. <i>Nanoscale</i> , 2016, 8, 7068-7074.	2.8	46
70	Low-field Switching Four-state Nonvolatile Memory Based on Multiferroic Tunnel Junctions. <i>Scientific Reports</i> , 2015, 5, 12826.	1.6	24
71	Effect of Synthesis Conditions on Physiochemical Properties of Lauric Acid Coated Superparamagnetic Iron Oxide Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-5.	1.2	1
72	Elimination of hysteresis effect in superparamagnetic nanoparticle detection by GMR sensors for biosensing. , 2015, , .		0

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73	Microstructural and magnetic characterization of ion-beam bombarded [Ni <sub>80</sub> Fe <sub>20</sub> -Cr] <sub>50</sub> thin films. Vacuum, 2015, 118, 85-89.	1.6	8
74	Investigation of pyrolysis temperature in the one-step synthesis of L1<sub>0</sub> FePt nanoparticles from a FePt-containing metallopolymer. Journal of Materials Chemistry C, 2015, 3, 734-741.	2.7	42
75	Characterization and bio-binding ability study on size-controllable highly monodisperse magnetic nanoparticles. Microelectronic Engineering, 2015, 144, 61-67.	1.1	11
76	Ferromagnetism in Ti-doped ZnO thin films. Journal of Applied Physics, 2015, 117, .	1.1	20
77	Non-volatile, electric control of magnetism in Mn-substituted ZnO. Applied Physics Letters, 2014, 104, .	1.5	32
78	Capacitance effect on the oscillation and switching characteristics of spin torque oscillators. Nanoscale Research Letters, 2014, 9, 597.	3.1	0
79	Facile Generation of L1<sub>0</sub>-FePt Nanodot Arrays from a Nanopatterned Metallopolymer Blend of Iron and Platinum Homopolymers. Advanced Functional Materials, 2014, 24, 857-862.	7.8	53
80	Influence of center fractal patterns on the transmission spectrum and electric field intensity enhancement in gold/glass plasmonic nanostructures. Microelectronic Engineering, 2014, 119, 79-82.	1.1	2
81	Growth and characterization of nonpolar, heavily Mn-substituted ZnO films. Journal of Applied Physics, 2014, 115, 17D703.	1.1	2
82	Chemical states and ferromagnetism in heavily Mn-substituted zinc oxide thin films. Journal of Applied Physics, 2014, 115, .	1.1	12
83	Split-Drain Magnetic Field-Effect Transistor Channel Charge Trapping and Stress Induced Sensitivity Deterioration. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	5
84	Impedance analysis of secondary phases in a Co-implanted ZnO single crystal. Physical Chemistry Chemical Physics, 2014, 16, 16030-16038.	1.3	18
85	Nanostructured Iron-Doped Indium Tin Oxide Films: Synthesis and Characterization. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	1
86	Influence of LaNiO <sub>3</sub> Buffer Layer on the Magnetic Properties of Thin Perovskite Manganites. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	4
87	Investigating the Uneven Current Injection in Perovskite-Based Thin Film Bipolar Resistance Switching Devices by Thermal Imaging. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	0
88	Resistive Switching in Perovskite-Oxide Capacitor-Type Devices. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	3
89	Magnetoresistance of Manganite-Cobalt Ferrite Spacerless Junctions. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	6
90	Synthesis and Morphology Control of Gold/Iron Oxide Magnetic Nanocomposites via a Simple Aqueous Method. IEEE Transactions on Magnetics, 2014, 50, 1-5.	1.2	0

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91	Synthesis and Characterization of Silica-Encapsulated Iron Oxide Nanoparticles. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	8
92	Novel Hybrid $\text{Au}/\text{Fe}_3\text{O}_4$ Magnetic Octahedron-like Nanoparticles with Tunable Size. IEEE Transactions on Magnetics, 2014, 50, 1-5.	1.2	0
93	ITO/Au/ITO Sandwich Structure for Near-Infrared Plasmonics. ACS Applied Materials & Interfaces, 2014, 6, 15743-15752.	4.0	58
94	Thermal stability of sectorial split-drain magnetic field-effect transistors. Microelectronics Reliability, 2014, 54, 1115-1118.	0.9	2
95	Pressure effect on the Raman and photoluminescence spectra of $\text{Eu}^{3+}$ -doped $\text{Na}_2\text{Ti}_6\text{O}_{13}$ nanorods. High Pressure Research, 2013, 33, 734-744.	0.4	2
96	Patterning micro- and nano-structured FePt by direct imprint lithography. Microelectronic Engineering, 2013, 110, 192-197.	1.1	12
97	Detection of 10-nm Superparamagnetic Iron Oxide Nanoparticles Using Exchange-Biased GMR Sensors in Wheatstone Bridge. IEEE Transactions on Magnetics, 2013, 49, 4056-4059.	1.2	30
98	Quantitative analysis of hepatic cell morphology and migration in response to nanoporous and microgrooved surface structures. Microelectronic Engineering, 2013, 111, 396-403.	1.1	5
99	Enhanced charge extraction in organic solar cells through electron accumulation effects induced by metal nanoparticles. Energy and Environmental Science, 2013, 6, 3372.	15.6	95
100	Exchange bias effects of NiFe/NiO bilayers through ion-beam bombardment on the NiO surface. Surface and Coatings Technology, 2013, 228, S437-S441.	2.2	18
101	Oxygen-stoichiometry-dependent microstructural and magnetic properties of CoPt thin films capped with ion-beam-assisted deposited TiOx layers. Surface and Coatings Technology, 2013, 228, S354-S359.	2.2	3
102	Effect of Oxygen Stoichiometry on Microstructural and Magnetic Properties of FePt/TaO $_x$ Bilayer Fabricated by Ion-Beam-Bombardment Deposition. IEEE Transactions on Magnetics, 2013, 49, 3310-3313.	1.2	4
103	Transient Sensitivity of Sectorial Split-Drain Magnetic Field-Effect Transistor. IEEE Transactions on Magnetics, 2013, 49, 4048-4051.	1.2	8
104	Non-volatile, reversible switching of the magnetic moment in Mn-doped ZnO films. Journal of Applied Physics, 2013, 113, .	1.1	26
105	Magnetism as a probe of the origin of memristive switching in <i>p</i> -type antiferromagnetic NiO. Applied Physics Letters, 2013, 103, 223508.	1.5	25
106	Polarization-independent efficiency enhancement of organic solar cells by using 3-dimensional plasmonic electrode. Applied Physics Letters, 2013, 102, 153304.	1.5	48
107	A UV-ozone treated amorphous barium-strontium titanate dielectric thin film for low driving voltage flexible organic transistors. Journal of Materials Chemistry C, 2013, 1, 3825.	2.7	18
108	Feature development on prepatterned elastomer surfaces upon ion implantation. Microelectronic Engineering, 2013, 110, 346-349.	1.1	0

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109	Sterilization on dextran-coated iron oxide nanoparticles: Effects of autoclaving, filtration, UV irradiation, and ethanol treatment. <i>Microelectronic Engineering</i> , 2013, 111, 310-313.	1.1	29
110	Enhanced structural and magnetic ordering of FePt/TiOx bilayers by ion-beam deposition and annealing. <i>Microelectronic Engineering</i> , 2013, 110, 250-255.	1.1	4
111	Effect of annealing temperature on microstructure and magnetism of FePt/TaOx bilayer. <i>Microelectronic Engineering</i> , 2013, 110, 241-245.	1.1	6
112	Effect of the magnetic order on the room-temperature band-gap of Mn-doped ZnO thin films. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	91
113	Effect of synthesis conditions on the properties of citric-acid coated iron oxide nanoparticles. <i>Microelectronic Engineering</i> , 2013, 110, 329-334.	1.1	127
114	Investigation of interface states in single-negative metamaterial layered structures based on the phase properties. <i>Optics Express</i> , 2013, 21, 16742.	1.7	7
115	Semitransparent organic solar cells with hybrid monolayer graphene/metal grid as top electrodes. <i>Applied Physics Letters</i> , 2013, 102, 113303.	1.5	49
116	High Dynamic Range Organic Temperature Sensor. <i>Advanced Materials</i> , 2013, 25, 1291-1295.	11.1	68
117	TEMPORAL MODULATION OF LIGHT INTENSITY VIA 1D TIME-VARIANT PHOTONIC CRYSTAL STRUCTURE. <i>Progress in Electromagnetics Research</i> , 2013, 135, 627-639.	1.6	1
118	Magnetism of Iron Oxide Nanoparticles and Magnetic Biodetection. <i>Journal of Nanoelectronics and Optoelectronics</i> , 2013, 8, 397-414.	0.1	7
119	Hierarchical Nanoporous Alumina by Soft Ultraviolet Nanoimprint Pre patterning-Assisted Anodization. <i>Journal of Nanoengineering and Nanomanufacturing</i> , 2013, 3, 126-130.	0.3	1
120	Liver cancer immunoassay with magnetic nanoparticles and MgO-based magnetic tunnel junction sensors. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	31
121	Study of optical Tamm states based on the phase properties of one-dimensional photonic crystals. <i>Optics Express</i> , 2012, 20, 21618.	1.7	32
122	Time-variant 1D photonic crystals using flowing microdroplets. <i>Optics Express</i> , 2012, 20, 24330.	1.7	4
123	Comparative <i>In Vitro</i> Cytotoxicity Study on Uncoated Magnetic Nanoparticles: Effects on Cell Viability, Cell Morphology, and Cellular Uptake. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 9010-9017.	0.9	41
124	Synthesis and Characterization of Self-Assembled Monolayer and Bilayer Carboxyl-Group Functionalized Magnetic Nanoparticles. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 3299-3302.	1.2	13
125	Short circuit current improvement in planar heterojunction organic solar cells by multijunction charge transfer. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	14
126	Understanding the formation of ultrafine spinel CoFe <sub>2</sub> O <sub>4</sub> nanoplatelets and their magnetic properties. <i>Journal of Applied Physics</i> , 2012, 112, .	1.1	39



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127	Controlled performance of an organic transistor memory device with an ultrathin LiF blocking layer. RSC Advances, 2012, 2, 9100.	1.7	15
128	Nonlithographic Fabrication of Crystalline Silicon Nanodots on Graphene. Journal of Physical Chemistry C, 2012, 116, 532-537.	1.5	11
129	Large-Area Anodized Alumina Nanopore Arrays Assisted by Soft Ultraviolet Nanoimprint Prepatterning. Journal of Nanoscience and Nanotechnology, 2012, 12, 6315-6320.	0.9	6
130	Thermal tuning of surface plasmon resonance: Ag gratings on barium strontium titanate thin films. Applied Physics A: Materials Science and Processing, 2012, 107, 101-107.	1.1	6
131	Strontium titanate/silicon-based terahertz photonic crystal multilayer stack. Applied Physics A: Materials Science and Processing, 2012, 107, 109-115.	1.1	1
132	Low power flexible organic thin film transistors with amorphous Ba <sub>0.7</sub> Sr <sub>0.3</sub> TiO <sub>3</sub> gate dielectric grown by pulsed laser deposition at low temperature. Organic Electronics, 2012, 13, 1223-1228.	1.4	22
133	Experimental investigation of photonic band gap in one-dimensional photonic crystals with metamaterials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 1396-1400.	0.9	15
134	A Polyferroplatinyne Precursor for the Rapid Fabrication of L1<sub>0</sub>-type Bit Patterned Media by Nanoimprint Lithography. Advanced Materials, 2012, 24, 1034-1040.	11.1	134
135	Studies of Rare-Earth-Doped BiFeO <sub>3</sub> Ceramics. International Journal of Applied Ceramic Technology, 2011, 8, 1246-1253.	1.1	80
136	Patterning of FePt for magnetic recording. Thin Solid Films, 2011, 519, 8307-8311.	0.8	21
137	Detection of Iron-Oxide Magnetic Nanoparticles Using Magnetic Tunnel Junction Sensors With Conetic Alloy. IEEE Transactions on Magnetics, 2011, 47, 2577-2580.	1.2	5
138	Photonic gap vanishing in one-dimensional photonic crystals with single-negative metamaterials. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 2465-2470.	0.9	4
139	Identification of pigments from the Shrine of Kaiping Diaolou by micro-Raman spectroscopy. Journal of Raman Spectroscopy, 2011, 42, 1311-1316.	1.2	8
140	Transfer imprint lithography using a soft mold. Microelectronic Engineering, 2011, 88, 2632-2635.	1.1	6
141	Charge accumulation induced S-shape J-V curves in bilayer heterojunction organic solar cells. Organic Electronics, 2011, 12, 880-885.	1.4	139
142	Transport properties of Pr <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> /Nb:SrTiO <sub>3</sub> heterojunctions. Physica B: Condensed Matter, 2011, 406, 3104-3107.	1.3	3
143	Composition dependence of structural and optical properties of Ba(Zr <sub>x</sub> Ti <sub>1-x</sub> )O <sub>3</sub> thin films grown on MgO substrates by pulsed laser deposition. Thin Solid Films, 2011, 519, 6313-6318.	0.8	23
144	Multiple-mode excitation in spin-transfer nanocontacts with dynamic polarizer. Applied Physics Letters, 2011, 98, 242506.	1.5	7

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145	Thermal annealing and temperature dependences of memory effect in organic memory transistor. Applied Physics Letters, 2011, 99, 043303.	1.5	16
146	Fabrication of nano-scaled patterns on ceramic thin films and silicon substrates by soft ultraviolet nanoimprint lithography. Microelectronic Engineering, 2010, 87, 959-962.	1.1	13
147	Studies of wall painting fragments from Kaiping Diaolou by SEM/EDX, micro Raman and FT-IR spectroscopy. Microchemical Journal, 2010, 96, 330-336.	2.3	38
148	Enhanced memory effect in organic transistor by embedded silver nanoparticles. Organic Electronics, 2010, 11, 990-995.	1.4	58
149	Photonic crystal cavity embedded barium strontium titanate thin-film rib waveguide prepared by focused ion beam etching. Thin Solid Films, 2010, 518, e101-e103.	0.8	2
150	The attachment of Fe <sub>3</sub> O <sub>4</sub> nanoparticles to graphene oxide by covalent bonding. Carbon, 2010, 48, 3139-3144.	5.4	428
151	Formation of core/shell structured cobalt/carbon nanoparticles by pulsed laser ablation in toluene. Journal of Applied Physics, 2010, 108, 034304.	1.1	51
152	Nonvolatile organic transistor-memory devices using various thicknesses of silver nanoparticle layers. Applied Physics Letters, 2010, 97, 023511.	1.5	42
153	Interfacial nature of resistive switching effect in perovskite-oxide thin film devices. , 2010, , .		0
154	Interfacial defects in resistive switching devices probed by thermal analysis. Journal of Applied Physics, 2009, 106, 014504.	1.1	6
155	Thermal tuning of phononic bandstructure in ferroelectric ceramic/epoxy phononic crystal. Applied Physics Letters, 2009, 94, .	1.5	100
156	Resistance switching properties of epitaxial Pr <sub>0.7</sub> Ca <sub>0.3</sub> MnO <sub>3</sub> thin films with different electrodes. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2182-2186.	0.8	4
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