

# Hai Ming Fan

## List of Publications by Year in descending order

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135  
papers

9,064  
citations

53794

45  
h-index

42399

92  
g-index

139  
all docs

139  
docs citations

139  
times ranked

14438  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetoresponse nanozyme: magnetic stimulation on the nanozyme activity of iron oxide nanoparticles. <i>Science China Life Sciences</i> , 2022, 65, 184-192.	4.9	20
2	Magnetic nanomaterials-mediated cancer diagnosis and therapy. <i>Progress in Biomedical Engineering</i> , 2022, 4, 012005.	4.9	21
3	Design of Magnetic Nanoplatforms for Cancer Theranostics. <i>Biosensors</i> , 2022, 12, 38.	4.7	23
4	<i>In vivo</i> MRI tracking and therapeutic efficacy of transplanted mesenchymal stem cells labeled with ferrimagnetic vortex iron oxide nanorings for liver fibrosis repair. <i>Nanoscale</i> , 2022, 14, 5227-5238.	5.6	4
5	Mild hyperthermia synergized chemotherapy by Bi <sub>2</sub> Se <sub>3</sub> /MoSe <sub>2</sub> nanosauces for cancer treatment with negligible thermal resistance. <i>Nano Research</i> , 2022, 15, 8270-8280.	10.4	6
6	The toxicity mechanism of different sized iron nanoparticles on human breast cancer (MCF7) cells. <i>Food Chemistry</i> , 2021, 341, 128263.	8.2	21
7	Structure-Relaxivity Mechanism of an Ultrasmall Ferrite Nanoparticle T <sub>1</sub> MR Contrast Agent: The Impact of Dopants Controlled Crystalline Core and Surface Disordered Shell. <i>Nano Letters</i> , 2021, 21, 1115-1123.	9.1	21
8	Regulation of ID4 <i>In Vivo</i> for Efficient Magnetothermal Therapy of Breast Cancer. <i>Advanced Therapeutics</i> , 2021, 4, 2000291.	3.2	6
9	Ferrite Nanoparticles-Based Reactive Oxygen Species-Mediated Cancer Therapy. <i>Frontiers in Chemistry</i> , 2021, 9, 651053.	3.6	20
10	Electromagnetic Field-Programmed Magnetic Vortex Nanodelivery System for Efficacious Cancer Therapy. <i>Advanced Science</i> , 2021, 8, e2100950.	11.2	22
11	FeCO <sub>3</sub> as a novel precursor for controllable synthesis of monodisperse iron oxide nanoparticles via solution thermal decomposition. <i>Micro and Nano Letters</i> , 2021, 16, 552-557.	1.3	1
12	Magnetothermal regulation of <i>in vivo</i> protein corona formation on magnetic nanoparticles for improved cancer nanotherapy. <i>Biomaterials</i> , 2021, 276, 121021.	11.4	29
13	Boosting the photothermal performance of vacancy-rich MoSe <sub>2</sub> nanoflowers for photoacoustic imaging guided tumor chemo-photothermal therapy. <i>Nanoscale</i> , 2021, 13, 14960-14972.	5.6	11
14	The Dynamic Interactions between Nanoparticles and Macrophages Impact Their Fate in Brain Tumors. <i>Small</i> , 2021, 17, e2103600.	10.0	9
15	Design and Preparation of "corn-like" SPIONs@DFK-SBP-M13 Assembly for Improvement of Effective Internalization. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7091-7102.	6.7	3
16	Precise Regulation of Enzyme "Nanozyme Cascade Reaction Kinetics by Magnetic Actuation toward Efficient Tumor Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 52395-52405.	8.0	28
17	Ellipsoidal magnetite nanoparticles: a new member of the magnetic-vortex nanoparticles family for efficient magnetic hyperthermia. <i>Journal of Materials Chemistry B</i> , 2020, 8, 515-522.	5.8	23
18	Active fluidic chip produced using 3D-printing for combinatorial therapeutic screening on liver tumor spheroid. <i>Biosensors and Bioelectronics</i> , 2020, 151, 111966.	10.1	13

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19	A Bioinspired Nanoprobe with Multilevel Responsive $T_1$ -Weighted MR Signal Amplification Illuminates Ultrasmall Metastases. <i>Advanced Materials</i> , 2020, 32, e1906799.	21.0	64
20	Method for Ferrite Nanomaterials-Mediated Cellular Magnetic Hyperthermia. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6652-6660.	5.2	7
21	Engineering ferrite nanoparticles with enhanced magnetic response for advanced biomedical applications. <i>Materials Today Advances</i> , 2020, 8, 100119.	5.2	32
22	Programmable ROS-Mediated Cancer Therapy via Magneto-Inductions. <i>Advanced Science</i> , 2020, 7, 1902933.	11.2	43
23	Iron nanoparticles augmented chemodynamic effect by alternative magnetic field for wound disinfection and healing. <i>Journal of Controlled Release</i> , 2020, 324, 598-609.	9.9	51
24	Recent Advances in Enzyme-Nanostructure Biocatalysts with Enhanced Activity. <i>Catalysts</i> , 2020, 10, 338.	3.5	50
25	Comprehensive understanding of magnetic hyperthermia for improving antitumor therapeutic efficacy. <i>Theranostics</i> , 2020, 10, 3793-3815.	10.0	351
26	Surface-Directed Structural Transition of Amyloidogenic Aggregates and the Resulting Neurotoxicity. <i>ACS Omega</i> , 2020, 5, 2856-2864.	3.5	0
27	Graphene Oxide-Grafted Magnetic Nanorings Mediated Magnetothermodynamic Therapy Favoring Reactive Oxygen Species-Related Immune Response for Enhanced Antitumor Efficacy. <i>ACS Nano</i> , 2020, 14, 1936-1950.	14.6	126
28	$Fe_3O_4$ -Pd Janus nanoparticles with amplified dual-mode hyperthermia and enhanced ROS generation for breast cancer treatment. <i>Nanoscale Horizons</i> , 2019, 4, 1450-1459.	8.0	102
29	Ferrimagnetic Vortex Nanoring-Mediated Mild Magnetic Hyperthermia Imparts Potent Immunological Effect for Treating Cancer Metastasis. <i>ACS Nano</i> , 2019, 13, 8811-8825.	14.6	165
30	Remote and real time control of an FVI enzyme hybrid nanocatalyst using magnetic stimulation. <i>Nanoscale</i> , 2019, 11, 18081-18089.	5.6	25
31	Why hasn't this woman been screened for breast and cervical cancer? Evidence from a Chinese population-based study. <i>Public Health</i> , 2019, 168, 83-91.	2.9	11
32	Liver Tumor Spheroid Reconstitution for Testing Mitochondrial Targeted Magnetic Hyperthermia Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1635-1644.	5.2	13
33	Ultrasonication-Triggered Ubiquitous Assembly of Magnetic Janus Amphiphilic Nanoparticles in Cancer Theranostic Applications. <i>Nano Letters</i> , 2019, 19, 4118-4125.	9.1	44
34	Magnetic Hydrogel with Optimally Adaptive Functions for Breast Cancer Recurrence Prevention. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900203.	7.6	85
35	Composition-Tunable Ultrasmall Manganese Ferrite Nanoparticles: Insights into their $T_1$ Contrast Efficacy. <i>Theranostics</i> , 2019, 9, 1764-1776.	10.0	32
36	Nonmagnetic Hypertonic Saline-Based Implant for Breast Cancer Postsurgical Recurrence Prevention by Magnetic Field/pH-Driven Thermochemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10597-10607.	8.0	17

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37	Magnetic nanoparticles based cancer therapy: current status and applications. <i>Science China Life Sciences</i> , 2018, 61, 400-414.	4.9	74
38	Research advances and applications of nucleic acid-modified techniques for biomedical nanomaterial. <i>Journal of Alloys and Compounds</i> , 2018, 742, 629-640.	5.5	2
39	AMF responsive DOX-loaded magnetic microspheres: transmembrane drug release mechanism and multimodality postsurgical treatment of breast cancer. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2289-2303.	5.8	60
40	Thermokinetic profile of NDM-1 and its inhibition by small carboxylic acids. <i>Bioscience Reports</i> , 2018, 38, .	2.4	10
41	Doxorubicin-loaded Fe <sub>3</sub> O <sub>4</sub> @MoS <sub>2</sub> -PEG-2DG nanocubes as a theranostic platform for magnetic resonance imaging-guided chemo-photothermal therapy of breast cancer. <i>Nano Research</i> , 2018, 11, 2470-2487.	10.4	50
42	Facile Preparation of Gold-Decorated Fe <sub>3</sub> O <sub>4</sub> Nanoparticles for CT and MR Dual-Modal Imaging. <i>International Journal of Molecular Sciences</i> , 2018, 19, 4049.	4.1	12
43	Effects of core size and PEG coating layer of iron oxide nanoparticles on the distribution and metabolism in mice. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5719-5731.	6.7	68
44	Label-Free Visualization of Carbapenemase Activity in Living Bacteria. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17120-17124.	13.8	11
45	Pushing the cycling stability limit of hierarchical metal oxide core/shell nanoarrays pseudocapacitor electrodes by nanoscale interface optimization. <i>Nanoscale</i> , 2018, 10, 14352-14358.	5.6	11
46	Enzyme-Free Nanowire Mesocrystal Hybrid Materials with an Extremely High Biocatalytic Activity. <i>Nano Letters</i> , 2018, 18, 5919-5926.	9.1	31
47	Large-Scale, Facile Transfer of Oleic Acid-Stabilized Iron Oxide Nanoparticles to the Aqueous Phase for Biological Applications. <i>Langmuir</i> , 2017, 33, 1662-1669.	3.5	44
48	Thermal decomposition synthesis of single-crystalline porous ZnO nanoplates self-assembled by tiny nanocrystals and their pore-dependent magnetic properties. <i>Ceramics International</i> , 2017, 43, 6029-6038.	4.8	10
49	Magnetic fibrous sorbent for remote and efficient oil adsorption. <i>Marine Pollution Bulletin</i> , 2017, 120, 159-164.	5.0	28
50	Ultrasmall Ferrite Nanoparticles Synthesized via Dynamic Simultaneous Thermal Decomposition for High-Performance and Multifunctional T <sub>1</sub> Magnetic Resonance Imaging Contrast Agent. <i>ACS Nano</i> , 2017, 11, 3614-3631.	14.6	173
51	Inducing High Coercivity in MoS <sub>2</sub> Nanosheets by Transition Element Doping. <i>Chemistry of Materials</i> , 2017, 29, 9066-9074.	6.7	81
52	Optimized K <sup>+</sup> pre-intercalation in layered manganese dioxide nanoflake arrays with high intercalation pseudocapacitance. <i>Ceramics International</i> , 2017, 43, 14897-14904.	4.8	29
53	Enhancement of Fe <sub>3</sub> O <sub>4</sub> /Au Composite Nanoparticles Catalyst in Oxidative Degradation of Methyl Orange Based on Synergistic Effect. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1431-1436.	4.9	8
54	The efficiency of magnetic hyperthermia and in vivo histocompatibility for human-like collagen protein-coated magnetic nanoparticles. <i>International Journal of Nanomedicine</i> , 2016, 11, 1175.	6.7	26

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55	Synthesis of Ferromagnetic Fe <sub>0.6</sub> Mn <sub>0.4</sub> O Nanoflowers as a New Class of Magnetic Theranostic Platform for In Vivo T <sub>1</sub> -T <sub>2</sub> Dual-Mode Magnetic Resonance Imaging and Magnetic Hyperthermia Therapy. <i>Advanced Healthcare Materials</i> , 2016, 5, 2092-2104.	7.6	75
56	Synthesis and characterisation of dual plasmonic gold nanostars as high-performance surface-enhanced Raman spectroscopy substrate. <i>Micro and Nano Letters</i> , 2016, 11, 769-774.	1.3	12
57	Facile synthesis of water-dispersible magnetite nanorings from surfactant-free hematite nanorings. <i>Micro and Nano Letters</i> , 2016, 11, 814-818.	1.3	3
58	Hierarchical MnO <sub>2</sub> Tube-on-Tube Arrays with Superior, Structure-Dependent Pseudocapacitor Performance Synthesized via a Selective Dissolution and Coherent Growth Mechanism. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500761.	3.7	8
59	Synthesis of Cu <sub>2</sub> O nanowire mesocrystals using PTCDA as a modifier and their superior peroxidase-like activity. <i>Journal of Materials Science</i> , 2016, 51, 3979-3988.	3.7	26
60	Copper nanocoils synthesized through solvothermal method. <i>Scientific Reports</i> , 2015, 5, 16879.	3.3	8
61	Solution-processable reduced graphene oxide films as broadband terahertz wave impedance matching layers. <i>Journal of Materials Chemistry C</i> , 2015, 3, 2548-2556.	5.5	38
62	Magnetic Vortex Nanorings: A New Class of Hyperthermia Agent for Highly Efficient In Vivo Regression of Tumors. <i>Advanced Materials</i> , 2015, 27, 1939-1944.	21.0	165
63	One-pot synthesis of CoFe <sub>2</sub> O <sub>4</sub> /graphene oxide hybrids and their conversion into FeCo/graphene hybrids for lightweight and highly efficient microwave absorber. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5535-5546.	10.3	494
64	MnO <sub>2</sub> /Au hybrid nanowall film for high-performance surface-enhanced Raman scattering substrate. <i>Applied Surface Science</i> , 2015, 333, 78-85.	6.1	13
65	Human-like collagen protein-coated magnetic nanoparticles with high magnetic hyperthermia performance and improved biocompatibility. <i>Nanoscale Research Letters</i> , 2015, 10, 28.	5.7	6
66	Fabrication and structural optimization of porous single-crystal Fe <sub>2</sub> O <sub>3</sub> microrices for high-performance lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16544-16550.	10.3	29
67	Co <sub>3</sub> O <sub>4</sub> /nitrogen-doped graphene/carbon nanotubes: An innovative ternary composite with enhanced electrochemical performance. <i>Journal of Alloys and Compounds</i> , 2015, 647, 873-879.	5.5	43
68	Magnetic properties in Fe-MnO <sub>2</sub> doped with alkaline elements. <i>Scientific Reports</i> , 2015, 5, 9094.	3.3	57
69	Large-scale synthesis of porous graphene through nanoscale carbothermal reduction etching. <i>Journal of Materials Science</i> , 2015, 50, 7875-7883.	3.7	11
70	Controllable synthesis of tetrapod gold nanocrystals with precisely tunable near-infrared plasmon resonance towards highly efficient surface enhanced Raman spectroscopy bioimaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7377-7385.	5.8	28
71	Temperature dependent raman and photoluminescence of an individual Sn-doped CdS branched nanostructure. <i>New Journal of Physics</i> , 2015, 17, 063024.	2.9	38
72	Coating Engineering of MnFe <sub>2</sub> O <sub>4</sub> Nanoparticles with Superhigh T <sub>2</sub> Relaxivity and Efficient Cellular Uptake for Highly Sensitive Magnetic Resonance Imaging. <i>Advanced Materials Interfaces</i> , 2014, 1, 1300069.	3.7	46

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73	Innovative magnetic nanoparticle platform for magnetic resonance imaging and magnetic fluid hyperthermia applications. <i>Current Opinion in Chemical Engineering</i> , 2014, 4, 38-46.	7.8	42
74	Magnetic nanoparticle-loaded polymer nanospheres as magnetic hyperthermia agents. <i>Journal of Materials Chemistry B</i> , 2014, 2, 120-128.	5.8	96
75	Ultrathin Hexagonal Hybrid Nanosheets Synthesized by Graphene Oxide-Assisted Exfoliation of $\text{Co}(\text{OH})_2$ Mesocrystals. <i>Chemistry - A European Journal</i> , 2014, 20, 12444-12452.	3.3	18
76	Green emission in carbon doped ZnO films. <i>AIP Advances</i> , 2014, 4, .	1.3	22
77	Graphene metamaterial hybridization for enhanced terahertz response. <i>Carbon</i> , 2014, 78, 102-112.	10.3	47
78	Formation of thin tubular ZnO nanostructure through spontaneously formed porous Zn/ZnO nanoparticles. <i>Micro and Nano Letters</i> , 2013, 8, 267-270.	1.3	0
79	Tunable Magneto-Optical Kerr Effect in Gated Monolayer Graphene in Terahertz Region. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 074717.	1.6	14
80	Synthesis of hierarchical $\text{Fe}_2\text{O}_3/\text{SnO}_2$ hollow heterostructures and their improved photocatalytic properties. <i>Materials Chemistry and Physics</i> , 2013, 143, 311-321.	4.0	9
81	Large-scale synthesis of high-content Fe nanotubes/nanorings with high magnetization by $\text{H}_2$ reduction process. <i>Materials Research Bulletin</i> , 2013, 48, 5003-5007.	5.2	10
82	Luminescence and local photonic confinement of single ZnSe:Mn nanostructure and the shape dependent lasing behavior. <i>Nanotechnology</i> , 2013, 24, 055201.	2.6	24
83	Tunable magnetoplasmons for efficient terahertz modulator and isolator by gated monolayer graphene. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 5084.	2.8	40
84	Strain tuning of optical emission energy and polarization in monolayer and bilayer MoS <sub>2</sub> . <i>Physical Review B</i> , 2013, 88, .	3.2	365
85	Temperature and composition dependence of photoluminescence dynamics in $\text{CdS}_x\text{Se}_{1-x}$ nanobelts. <i>Journal of Applied Physics</i> , 2012, 111, 073112.	2.5	11
86	MTSS1, a novel target of DNA methyltransferase 3B, functions as a tumor suppressor in hepatocellular carcinoma. <i>Oncogene</i> , 2012, 31, 2298-2308.	5.9	52
87	Stable vortex magnetite nanorings colloid: Micromagnetic simulation and experimental demonstration. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	43
88	Quantitative measurement of rubidium isotope ratio using forward degenerate four-wave mixing. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2012, 70, 39-44.	2.9	10
89	$\text{Fe}_2\text{O}_3$ nanotubes-reduced graphene oxide composites as synergistic electrochemical capacitor materials. <i>Nanoscale</i> , 2012, 4, 2958.	5.6	273
90	Amplified spontaneous emission from single CdS nanoribbon with low symmetric cross sections. <i>Nanoscale</i> , 2012, 4, 5665.	5.6	9

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91	Optimization of surface coating on Fe <sub>3</sub> O <sub>4</sub> nanoparticles for high performance magnetic hyperthermia agents. <i>Journal of Materials Chemistry</i> , 2012, 22, 8235.	6.7	208
92	Dynamics of geometric discord and measurement-induced nonlocality at finite temperature. <i>European Physical Journal D</i> , 2012, 66, 1.	1.3	20
93	Reduced Graphene Oxide Conjugated Cu <sub>2</sub> O Nanowire Mesocrystals for High-Performance NO <sub>2</sub> Gas Sensor. <i>Journal of the American Chemical Society</i> , 2012, 134, 4905-4917.	13.7	706
94	Vacancy-induced room-temperature ferromagnetism in GaTiO <sub>2</sub> . <i>Scripta Materialia</i> , 2012, 66, 821-824.	5.2	21
95	Green electroluminescence from an n-ZnO: Er/p-Si heterostructured light-emitting diode. <i>Physica B: Condensed Matter</i> , 2012, 407, 2721-2724.	2.7	38
96	Tri-wing bismuth telluride nanoribbons with quasi-periodic rough surfaces. <i>Journal of Materials Chemistry</i> , 2011, 21, 12375.	6.7	15
97	Pattern-Dependent Tunable Adhesion of Superhydrophobic MnO <sub>2</sub> Nanostructured Film. <i>Langmuir</i> , 2011, 27, 3224-3228.	3.5	62
98	Controlled Synthesis of Tellurium Nanostructures from Nanotubes to Nanorods and Nanowires and Their Template Applications. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6375-6380.	3.1	83
99	Room temperature ferromagnetism in N-doped rutile TiO <sub>2</sub> films. <i>Journal of Applied Physics</i> , 2011, 109, 07C302.	2.5	48
100	Correlation properties of anisotropic XY model with a sudden quench. <i>European Physical Journal B</i> , 2011, 79, 503-507.	1.5	2
101	Entanglement evolution in multipartite cavity-reservoir systems under local unitary operations. <i>European Physical Journal D</i> , 2011, 64, 557-563.	1.3	9
102	Optimal asymmetric 1/4 quantum cloning in arbitrary dimension. <i>European Physical Journal D</i> , 2011, 65, 621-625.	1.3	2
103	Electrically Adjustable, Super Adhesive Force of a Superhydrophobic Aligned MnO <sub>2</sub> Nanotube Membrane. <i>Advanced Functional Materials</i> , 2011, 21, 184-190.	14.9	85
104	Diffraction of Bose-Einstein condensates in quantized light fields. <i>Physical Review A</i> , 2011, 84, .	2.5	1
105	Growth of highly textured manganese zinc ferrite films on glass substrates. <i>Journal of Applied Physics</i> , 2010, 107, 09A514.	2.5	9
106	Synthesis of highly-textured ZnO films on different substrates by hydrothermal route. <i>Thin Solid Films</i> , 2010, 518, e114-e117.	1.8	9
107	Ferromagnetism in Dilute Magnetic Semiconductors through Defect Engineering: Li-Doped ZnO. <i>Physical Review Letters</i> , 2010, 104, 137201.	7.8	428
108	The role of sp-hybridized atoms in carbon ferromagnetism: a spin-polarized density functional theory calculation. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 046001.	1.8	5

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109	Quantum Dot Capped Magnetite Nanorings as High Performance Nanoprobe for Multiphoton Fluorescence and Magnetic Resonance Imaging. <i>Journal of the American Chemical Society</i> , 2010, 132, 14803-14811.	13.7	132
110	Structural and magnetic studies of Cu-doped ZnO films synthesized via a hydrothermal route. <i>Journal of Materials Chemistry</i> , 2010, 20, 5756.	6.7	21
111	Thiol-Capped ZnO Nanowire/Nanotube Arrays with Tunable Magnetic Properties at Room Temperature. <i>ACS Nano</i> , 2010, 4, 495-505.	14.6	73
112	Room temperature ferromagnetism of ZnO nanocrystals in amorphous ZnO $\epsilon$ -Al <sub>2</sub> O <sub>3</sub> matrix. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	22
113	Synthesis of silica supported titania nanocomposite in controllable phase content and morphology. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 95, 555-562.	2.3	7
114	An effective surface-enhanced Raman scattering template based on a Ag nanocluster $\epsilon$ -ZnO nanowire array. <i>Nanotechnology</i> , 2009, 20, 175705.	2.6	85
115	Single-Crystalline MFe <sub>2</sub> O <sub>4</sub> Nanotubes/Nanorings Synthesized by Thermal Transformation Process for Biological Applications. <i>ACS Nano</i> , 2009, 3, 2798-2808.	14.6	211
116	Shape-Controlled Synthesis of Single-Crystalline Fe <sub>2</sub> O <sub>3</sub> Hollow Nanocrystals and Their Tunable Optical Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 9928-9935.	3.1	146
117	Confocal white light reflection imaging for characterization of metal nanostructures. <i>Optics Communications</i> , 2008, 281, 5360-5363.	2.1	10
118	Synthesis of Single-Crystal Tetragonal $\epsilon$ -MnO <sub>2</sub> Nanotubes. <i>Journal of Physical Chemistry C</i> , 2008, 112, 12594-12598.	3.1	244
119	Orientation-Dependent Raman Spectroscopy of Single Wurtzite CdS Nanowires. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1865-1870.	3.1	83
120	High pressure photoluminescence and Raman studies of Zn <sub>x</sub> Cd <sub>1-x</sub> Se quantum dots. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 325214.	1.8	5
121	Anisotropy of electron-phonon coupling in single wurtzite CdS nanowires. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	41
122	High pressure photoluminescence and Raman investigations of CdSe $\epsilon$ -ZnS core/shell quantum dots. <i>Applied Physics Letters</i> , 2007, 90, 021921.	3.3	38
123	Phonon-assisted stimulated emission in Mn-doped ZnO nanowires. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 136206.	1.8	28
124	Graphene Thickness Determination Using Reflection and Contrast Spectroscopy. <i>Nano Letters</i> , 2007, 7, 2758-2763.	9.1	1,034
125	Twinned Zn <sub>2</sub> TiO <sub>4</sub> Spinel Nanowires Using ZnO Nanowires as a Template. <i>Advanced Materials</i> , 2007, 19, 1839-1844.	21.0	70
126	High-pressure Raman and photoluminescence of highly anisotropic CdS nanowires. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 1112-1116.	2.5	16



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127	High temperature Raman spectroscopy studies of carbon nanowalls. Journal of Raman Spectroscopy, 2007, 38, 1449-1453.	2.5	32
128	Raman spectroscopic investigation of carbon nanowalls. Journal of Chemical Physics, 2006, 124, 204703.	3.0	131
129	Diblock Copolymer Templated Nanohybrid Thin Films of Highly Ordered TiO <sub>2</sub> Nanoparticle Arrays in PMMA Matrix. Chemistry of Materials, 2006, 18, 5876-5889.	6.7	68
130	Photoluminescence and growth mechanism of amorphous silica nanowires by vapor phase transport. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 31, 218-223.	2.7	16
131	Size effect on the electron-phonon coupling in CuO nanocrystals. Nanotechnology, 2006, 17, 1099-1103.	2.6	48
132	Controlled synthesis of monodispersed CuO nanocrystals. Nanotechnology, 2004, 15, 37-42.	2.6	167
133	Photochromism and Size Effect of WO <sub>3</sub> and WO <sub>3</sub> -TiO <sub>2</sub> Aqueous Sol. Chemistry of Materials, 2003, 15, 4039-4045.	6.7	159
134	Systematic Study on Crystal Structure and Properties of FeSr <sub>2</sub> LnCu <sub>2</sub> O <sub>7</sub> + $\delta$ (Ln = La, Nd, Sm, Eu, Gd, Dy,) Tj ETQq0 0,0 rgBT /Qverlock 10	6.7	1
135	The Metal Ion Release of Manganese Ferrite Nanoparticles: Kinetics, Effects on Magnetic Resonance Relaxivities, and Toxicity. ACS Applied Bio Materials, 0, , .	4.6	4