

Haisheng Qian

List of Publications by Year in Descending Order

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

159 papers	7,432 citations	48 h-index	82 g-index
168 ext. papers	8,266 ext. citations	6.9 avg, IF	6.05 L-index

#	Paper	IF	Citations
159	Upconversion nanoparticles@AgBiS core-shell nanoparticles with cancer-cell-specific cytotoxicity for combined photothermal and photodynamic therapy of cancers.. <i>Bioactive Materials</i> , 2022 , 17, 71-80	16.7	7
158	Bimetallic oxide Cu _{1.5} Mn _{1.5} O ₄ cage-like frame nanospheres with triple enzyme-like activities for bacterial-infected wound therapy. <i>Nano Today</i> , 2022 , 43, 101380	17.9	7
157	A multifunctional composite hydrogel as an intrinsic and extrinsic coregulator for enhanced therapeutic efficacy for psoriasis.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 155	9.4	2
156	Upconverting Nanoparticles in Pollutant Degradation and Hydrogen Generation 2022 , 449-491		
155	Copper-based nanomaterials for cancer theranostics.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022 , e1797	9.2	3
154	ICG@ZIF-8/PDA/Ag composites as chemo-photothermal antibacterial agents for efficient sterilization and enhanced wound disinfection. <i>Journal of Materials Chemistry B</i> , 2021 ,	7.3	4
153	Fabrication of Wearable Hydrogel Sensors With Simple Ionic-Digital Conversion and Inherent Water Retention. <i>IEEE Sensors Journal</i> , 2021 , 21, 6802-6810	4	1
152	Interfacially Engineered ZnMnS@Polydopamine Hollow Nanospheres for Glutathione Depleting Photothermally Enhanced Chemodynamic Therapy. <i>ACS Nano</i> , 2021 ,	16.7	31
151	Facile Synthesis of Thermo-Sensitive Composite Hydrogel with Well Dispersed Ag Nanoparticles for Application in Superior Antibacterial Infections. <i>Journal of Biomedical Nanotechnology</i> , 2021 , 17, 1148-1159	15.9	0
150	Polyoxometalate nanoclusters: A potential preventative and therapeutic drug for inflammatory bowel disease. <i>Chemical Engineering Journal</i> , 2021 , 416, 129137	14.7	6
149	Reprogrammable Untethered Actuator for Soft Bio-Inspired Robots. <i>Advanced Intelligent Systems</i> , 2021 , 3, 2000146	6	2
148	Recent Development on Controlled Synthesis of Mn-Based Nanostructures for Bioimaging and Cancer Therapy. <i>Advanced Therapeutics</i> , 2021 , 4, 2100018	4.9	4
147	Rod-based urchin-like hollow microspheres of BiS: Facile synthesis, photo-controlled drug release for photoacoustic imaging and chemo-photothermal therapy of tumor ablation. <i>Biomaterials</i> , 2020 , 237, 119835	15.6	50
146	Folin-Ciocalteu Assay Inspired Polyoxometalate Nanoclusters as a Renal Clearable Agent for Non-Inflammatory Photothermal Cancer Therapy. <i>ACS Nano</i> , 2020 , 14, 2126-2136	16.7	39
145	Synthesis of sea-urchin-like Bi ₂ S ₃ hollow microspheres for highly efficient removal of Ag ⁺ with extremely low acidity. <i>Applied Surface Science</i> , 2020 , 515, 146130	6.7	6
144	Green Strategy to Develop Novel Drug-Containing Poly (εCaprolactone)-Chitosan-Silica Xerogel Hybrid Fibers for Biomedical Applications. <i>Journal of Nanomaterials</i> , 2020 , 2020, 1-6	3.2	5
143	Bi ₂ S ₃ coated Au nanorods for enhanced photodynamic and photothermal antibacterial activities under NIR light. <i>Chemical Engineering Journal</i> , 2020 , 397, 125488	14.7	54

142	Autophagic blockage by bismuth sulfide nanoparticles inhibits migration and invasion of HepG2 cells. <i>Nanotechnology</i> , 2020 , 31, 465102	3.4	2
141	Ag nanoparticles decorated hybrid microspheres for superior antibacterial properties. <i>Materials Letters</i> , 2020 , 262, 127057	3.3	11
140	Highly Active Zinc Sulfide Composite Microspheres: A Versatile Template for Synthesis of a Family of Hollow Nanostructures of Sulfides. <i>Langmuir</i> , 2020 , 36, 1523-1529	4	9
139	Ultrastable AgBiS Hollow Nanospheres with Cancer Cell-Specific Cytotoxicity for Multimodal Tumor Therapy. <i>ACS Nano</i> , 2020 , 14, 14919-14928	16.7	24
138	Recent Advances in Controlled Synthesis of Upconversion Nanoparticles and Semiconductor Heterostructures. <i>Chemical Record</i> , 2020 , 20, 2-9	6.6	6
137	Precisely photothermal controlled releasing of antibacterial agent from Bi ₂ S ₃ hollow microspheres triggered by NIR light for water sterilization. <i>Chemical Engineering Journal</i> , 2020 , 381, 122630	14.7	40
136	Recent Development on Controlled Synthesis of Metal Sulfides Hollow Nanostructures via Hard Template Engaged Strategy: A Mini-Review. <i>Chemical Record</i> , 2020 , 20, 882-892	6.6	7
135	Anti-inflammatory catecholic chitosan hydrogel for rapid surgical trauma healing and subsequent prevention of tumor recurrence. <i>Chinese Chemical Letters</i> , 2020 , 31, 1807-1811	8.1	29
134	Synthesis, Characterization, and In Vitro Drug Delivery of Chitosan-Silica Hybrid Microspheres for Bone Tissue Engineering. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-7	3.2	7
133	dl-Menthol Loaded Polypyrrole Nanoparticles as a Controlled Diclofenac Delivery Platform for Sensitizing Cancer Cells to Photothermal Therapy.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 848-855	4.1	9
132	Charge reversal induced colloidal hydrogel acts as a multi-stimuli responsive drug delivery platform for synergistic cancer therapy. <i>Materials Horizons</i> , 2019 , 6, 711-716	14.4	41
131	Monitoring and removal of trace heavy metal ions via fluorescence resonance energy transfer mechanism: In case of silver ions. <i>Chemical Engineering Journal</i> , 2019 , 375, 121927	14.7	22
130	Anti-biofouling double-layered unidirectional scaffold for long-term solar-driven water evaporation. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 16696-16703	13	31
129	PEGylated rhenium nanoclusters: a degradable metal photothermal nanoagent for cancer therapy. <i>Chemical Science</i> , 2019 , 10, 5435-5443	9.4	31
128	Construction of ZnCdS/BiS composite nanospheres with photothermal effect for enhanced photocatalytic activities. <i>Journal of Colloid and Interface Science</i> , 2019 , 546, 303-311	9.3	38
127	Thermoresponsive Forming Hydrogel with Sol-Gel Irreversibility for Effective Methicillin-Resistant Infected Wound Healing. <i>ACS Nano</i> , 2019 , 13, 10074-10084	16.7	78
126	Large-Scale Ligand-Free Synthesis of Homogeneous Core-Shell Quantum-Dot-Modified CsPbBr Microcrystals. <i>Inorganic Chemistry</i> , 2019 , 58, 10620-10624	5.1	7
125	Association of atorvastatin with the risk of hepatotoxicity: a pilot prescription sequence symmetry analysis. <i>Therapeutics and Clinical Risk Management</i> , 2019 , 15, 803-810	2.9	4

124	Mesoporous NiS nanospheres as a hydrophobic anticancer drug delivery vehicle for synergistic photothermal-chemotherapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 143-149	7.3	12
123	Sequential Growth of High Quality Sub-10 nm Core-Shell Nanocrystals: Understanding the Nucleation and Growth Process Using Dynamic Light Scattering. <i>Langmuir</i> , 2019 , 35, 489-494	4	4
122	Amine salts assisted controllable synthesis of the YVO ₄ :Eu ³⁺ nanocrystallines and their luminescence properties. <i>Physica B: Condensed Matter</i> , 2019 , 557, 1-5	2.8	5
121	Epitaxial growth of ultrathin layers on the surface of sub-10 nm nanoparticles: the case of [NaGdF:Yb/Er@NaDyF nanoparticles. <i>RSC Advances</i> , 2018 , 8, 12944-12950	3.7	4
120	Photoinduced PEG deshielding from ROS-sensitive linkage-bridged block copolymer-based nanocarriers for on-demand drug delivery. <i>Biomaterials</i> , 2018 , 170, 147-155	15.6	71
119	Stable gadolinium based nanoscale lyophilized injection for enhanced MR angiography with efficient renal clearance. <i>Biomaterials</i> , 2018 , 158, 74-85	15.6	28
118	PPh ₃ -Mediated [3+2] Cycloaddition Reaction between Bis-Substituted Allenolate and N-Tosylaldimines to Construct 2-Pyrrolines. <i>Synlett</i> , 2018 , 29, 1244-1248	2.2	4
117	Magnetically Recyclable FeO@Zn CdS Core-Shell Microspheres for Visible Light-Mediated Photocatalysis. <i>Langmuir</i> , 2018 , 34, 9264-9271	4	19
116	Scalable fabrication of ZnxCd _{1-x} S double-shell hollow nanospheres for highly efficient hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2018 , 239, 309-316	21.8	64
115	Controlled synthesis of upconverting nanoparticles/ZnxCd _{1-x} S yolk-shell nanoparticles for efficient photocatalysis driven by NIR light. <i>Applied Catalysis B: Environmental</i> , 2018 , 224, 854-862	21.8	83
114	Small lanthanide-doped Sr ₂ YbF ₇ nanocrystals: Upconversion fluorescence and upconversion-driven photodegradation. <i>Optical Materials</i> , 2018 , 86, 537-544	3.3	2
113	UCNPs@Zn _{0.5} Cd _{0.5} S Core-Shell and Yolk-Shell Nanostructures: Selective Synthesis, Characterization, and Near-Infrared-Mediated Photocatalytic Reduction of Cr(VI). <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-9	3.2	2
112	The association between BACH1 polymorphisms and anti-tuberculosis drug-induced hepatotoxicity in a Chinese cohort. <i>Infection, Genetics and Evolution</i> , 2018 , 66, 217-221	4.5	3
111	Facile synthesis of UCNPs/ZnxCd _{1-x} S nanocomposites excited by near-infrared light for photochemical reduction and removal of Cr(VI). <i>Chinese Journal of Catalysis</i> , 2018 , 39, 1240-1248	11.3	18
110	Sequential Growth of NaYF ₄ :Yb/Er@NaGdF Nanodumbbells for Dual-Modality Fluorescence and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 9226-9232	9.5	36
109	Novel doxorubicin loaded PEGylated cuprous telluride nanocrystals for combined photothermal-chemo cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 152, 449-458	6	29
108	Tumor acidity-activatable TAT targeted nanomedicine for enlarged fluorescence/magnetic resonance imaging-guided photodynamic therapy. <i>Biomaterials</i> , 2017 , 133, 165-175	15.6	45
107	Fabrication of Zinc Oxide Composite Microfibers for Near-Infrared-Light-Mediated Photocatalysis. <i>ChemCatChem</i> , 2017 , 9, 3611-3617	5.2	17

106	KMnF3 nanowires and nanoparticles: Selected synthesis, characterization and magnetic properties. <i>Materials Letters</i> , 2017 , 196, 145-148	3.3	8
105	Facile Synthesis of Upconverting Nanoparticles/Zinc Oxide Core/Shell Nanostructures with Large Lattice Mismatch for Infrared Triggered Photocatalysis. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1600222	3.1	23
104	Sequential growth of CaF:Yb,Er@CaF:Gd nanoparticles for efficient magnetic resonance angiography and tumor diagnosis. <i>Biomaterials Science</i> , 2017 , 5, 2403-2415	7.4	25
103	Design of Tumor Acidity-Responsive Sheddable Nanoparticles for Fluorescence/Magnetic Resonance Imaging-Guided Photodynamic Therapy. <i>Theranostics</i> , 2017 , 7, 1290-1302	12.1	38
102	One-pot solution synthesis of shape-controlled copper selenide nanostructures and their potential applications in photocatalysis and photothermal therapy. <i>Nanoscale</i> , 2017 , 9, 14512-14519	7.7	65
101	TiO2 composite nanotubes embedded with CdS and upconversion nanoparticles for near infrared light driven photocatalysis. <i>Chinese Journal of Catalysis</i> , 2017 , 38, 1851-1859	11.3	8
100	Controlled synthesis of upconverting nanoparticles/CuS yolk-shell nanoparticles for in vitro synergistic photothermal and photodynamic therapy of cancer cells. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 9487-9496	7.3	37
99	Preparation of Highly Photoluminescent CdTe Nanocrystals in a Mixing Alkali Medium. <i>Chemistry Letters</i> , 2016 , 45, 535-537	1.7	4
98	A Donor-Acceptor Conjugated Polymer with Alternating Isoindigo Derivative and Bithiophene Units for Near-Infrared Modulated Cancer Thermo-Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19312-20	9.5	49
97	A new trick (hydroxyl radical generation) of an old vitamin (B2) for near-infrared-triggered photodynamic therapy. <i>RSC Advances</i> , 2016 , 6, 102647-102656	3.7	6
96	Decoration of upconversion nanoparticles@mSiO2 core/shell nanostructures with CdS nanocrystals for excellent infrared light triggered photocatalysis. <i>RSC Advances</i> , 2016 , 6, 54241-54248	3.7	14
95	Hydrothermal-assisted crystallization for the synthesis of upconversion nanoparticles/CdS/TiO2 composite nanofibers by electrospinning. <i>CrystEngComm</i> , 2016 , 18, 6013-6018	3.3	11
94	Mesoporous-silica-coated upconversion nanoparticles loaded with vitamin B12 for near-infrared-light mediated photodynamic therapy. <i>Materials Letters</i> , 2016 , 167, 205-208	3.3	23
93	Facile synthesis of CdS/C core/shell nanospheres with ultrathin carbon layer for enhanced photocatalytic properties and stability. <i>Applied Surface Science</i> , 2016 , 362, 126-131	6.7	46
92	PEGylated hyperbranched polyphosphoester based nanocarriers for redox-responsive delivery of doxorubicin. <i>Biomaterials Science</i> , 2016 , 4, 412-7	7.4	24
91	Titanium Dioxide/Upconversion Nanoparticles/Cadmium Sulfide Nanofibers Enable Enhanced Full-Spectrum Absorption for Superior Solar Light Driven Photocatalysis. <i>ChemSusChem</i> , 2016 , 9, 1449-54	8.3	62
90	Large-Scale Synthesis of Highly Luminescent Perovskite-Related CsPb2 Br5 Nanoplatelets and Their Fast Anion Exchange. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8328-32	16.4	206
89	Near-Infrared Photocatalytic Upconversion Nanoparticles/TiO2 Nanofibers Assembled in Large Scale by Electrospinning. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 248-253	3.1	95

88	Large-Scale Synthesis of Highly Luminescent Perovskite-Related CsPb ₂ Br ₅ Nanoplatelets and Their Fast Anion Exchange. <i>Angewandte Chemie</i> , 2016 , 128, 8468-8472	3.6	20
87	Unique Upconversion Core/Shell Nanoparticles with Tunable Fluorescence Synthesized by a Sequential Growth Process. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1500649	4.6	40
86	Facile synthesis of Ag@SiO ₂ core/shell nanowires on large scale. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 1602-1607	2.1	1
85	Facile synthesis of NaGdF ₄ :Yb/Er@CaF ₂ nanoparticles with enhanced upconversion fluorescence and stability via a sequential growth process. <i>CrystEngComm</i> , 2015 , 17, 5900-5905	3.3	12
84	Facile synthesis of Ag@TiO ₂ (B) hierarchical core/shell nanowires: facile synthesis, growth mechanism and photocatalytic and antibacterial applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 5753-5760	2.1	5
83	Enhanced therapeutic efficacy with hydrophobic polyphosphoester-based nanoparticles via improved intracellular drug release. <i>Journal of Controlled Release</i> , 2015 , 213, e117	11.7	
82	A New Cubic Phase for a NaYF ₄ Host Matrix Offering High Upconversion Luminescence Efficiency. <i>Advanced Materials</i> , 2015 , 27, 5528-33	24	80
81	Facile Synthesis of AgCl Hollow Nanospheres for Enhanced Photocatalytic Properties. <i>American Journal of Engineering and Applied Sciences</i> , 2015 , 8, 285-290	0.4	
80	Sequential growth of sandwiched NaYF ₄ :Yb/Er@NaYF ₄ :Yb@NaNdF ₄ :Yb core/shell/shell nanoparticles for photodynamic therapy. <i>Applied Surface Science</i> , 2015 , 357, 2408-2414	6.7	23
79	Redox-Responsive Polyphosphoester-Based Micellar Nanomedicines for Overriding Chemoresistance in Breast Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26315-25	9.5	40
78	Facile synthesis of uniform ZnxCd _{1-x} S alloyed hollow nanospheres for improved photocatalytic activities. <i>Journal of Materials Science: Materials in Electronics</i> , 2014 , 25, 4103-4109	2.1	17
77	Polyphosphoester-based nanoparticles with viscous flow core enhanced therapeutic efficacy by improved intracellular drug release. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 16174-81	9.5	22
76	Silica/ultrasmall Ag composite microspheres: facile synthesis, characterization and antibacterial and catalytic performance. <i>CrystEngComm</i> , 2014 , 16, 2365-2370	3.3	19
75	Facile synthesis of the SiO ₂ /Au hybrid microspheres for excellent catalytic performance. <i>Journal of Materials Research</i> , 2014 , 29, 1417-1423	2.5	3
74	Inhibition of murine bladder cancer cell growth in vitro by photocontrollable siRNA based on upconversion fluorescent nanoparticles. <i>PLoS ONE</i> , 2014 , 9, e112713	3.7	11
73	Electrical and microwave absorbing properties of polypyrrole synthesized by optimum strategy. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 4273-4279	2.9	14
72	Rolling chain amplification based signal-enhanced electrochemical aptasensor for ultrasensitive detection of ochratoxin A. <i>Analytical Chemistry</i> , 2013 , 85, 10842-9	7.8	104
71	Facile Cl ⁻ mediated hydrothermal synthesis of large-scale Ag nanowires from AgCl hydrosol. <i>CrystEngComm</i> , 2013 , 15, 2598	3.3	26

70	Silica-based hybrid microspheres: synthesis, characterization and wastewater treatment. <i>RSC Advances</i> , 2013 , 3, 25620	3.7	6
69	One-pot solvothermal synthesis of multi-shelled γ -Fe ₂ O ₃ hollow spheres with enhanced visible-light photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2013 , 551, 440-443	5.7	54
68	Synthesis of Mesoporous SiO ₂ @TiO ₂ Core/Shell Nanospheres with Enhanced Photocatalytic Properties. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 306-310	3.1	34
67	Synthesis of streptavidin-conjugated magnetic nanoparticles for DNA detection. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	6
66	Multiplex templating process in one-dimensional nanoscale: controllable synthesis, macroscopic assemblies, and applications. <i>Accounts of Chemical Research</i> , 2013 , 46, 1450-61	24.3	131
65	Attractive microwave-absorbing properties of M-BaFe ₁₂ O ₁₉ ferrite. <i>Journal of Alloys and Compounds</i> , 2013 , 557, 11-17	5.7	98
64	Mesoporous silica nanospheres decorated with CdS nanocrystals for enhanced photocatalytic and excellent antibacterial activities. <i>Nanoscale</i> , 2013 , 5, 6327-32	7.7	30
63	Facile synthesis of Ag ₂ WO ₄ /AgCl nanorods for excellent photocatalytic properties. <i>Materials Letters</i> , 2013 , 91, 129-132	3.3	43
62	Selective preparation and enhanced microwave electromagnetic characteristics of polymorphous ZnO architectures made from a facile one-step ethanediamine-assisted hydrothermal approach. <i>CrystEngComm</i> , 2013 , 15, 1314	3.3	67
61	Enhanced electromagnetic characteristics of porous iron particles made by a facile corrosion technique. <i>Materials Chemistry and Physics</i> , 2012 , 132, 563-569	4.4	39
60	Controlled fabrication and electrical-magnetic properties of Poly(OT-co-AN)/Ba _{0.8} La _{0.2} Al ₂ Fe ₁₀ O ₁₉ composites. <i>Science China Technological Sciences</i> , 2012 , 55, 6-15	3.5	3
59	Upconversion nanoparticles modified with aminosilanes as carriers of DNA vaccine for foot-and-mouth disease. <i>Applied Microbiology and Biotechnology</i> , 2012 , 95, 1253-63	5.7	22
58	Self-assembly of TiO ₂ composite microspheres: Facile synthesis, characterization and photocatalytic activities. <i>CrystEngComm</i> , 2012 , 14, 7118	3.3	12
57	Flower-like Co superstructures: Morphology and phase evolution mechanism and novel microwave electromagnetic characteristics. <i>CrystEngComm</i> , 2012 , 14, 2071	3.3	109
56	Facile synthesis of GdBO ₃ spindle assemblies and microdisks as versatile host matrices for lanthanide doping. <i>CrystEngComm</i> , 2012 , 14, 3959	3.3	20
55	Mesoporous silica-coated NaYF ₄ nanocrystals: facile synthesis, in vitro bioimaging and photodynamic therapy of cancer cells. <i>RSC Advances</i> , 2012 , 2, 12263	3.7	26
54	Photocatalytic studies of CdS nanoparticles assembled on carbon microsphere surfaces with different interface structures: from amorphous to graphite-like carbon. <i>CrystEngComm</i> , 2012 , 14, 4507	3.3	18
53	Submicrometer-sized NiO octahedra: facile one-pot solid synthesis, formation mechanism, and chemical conversion into Ni octahedra with excellent microwave-absorbing properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17494		140

52	Microwave-assisted non-aqueous route to deposit well-dispersed ZnO nanocrystals on reduced graphene oxide sheets with improved photoactivity for the decolorization of dyes under visible light. <i>Applied Catalysis B: Environmental</i> , 2012 , 125, 425-431	21.8	149
51	Microwave-assisted synthesis of porous CdO/CdS core-shell nanoboxes with enhanced visible-light-driven photocatalytic reduction of Cr(VI). <i>Journal of Materials Chemistry</i> , 2012 , 22, 13895		79
50	Microwave-assisted route to fabricate coaxial ZnO/C/CdS nanocables with enhanced visible light-driven photocatalytic activity. <i>CrystEngComm</i> , 2012 , 14, 7686	3.3	48
49	A novel ternary composite: fabrication, performance and application of expanded graphite/polyaniline/CoFe ₂ O ₄ ferrite. <i>Journal of Materials Chemistry</i> , 2012 , 22, 6449		119
48	Facile synthesis of tremelliform Co _{0.85} Se nanosheets: An efficient catalyst for the decomposition of hydrazine hydrate. <i>Applied Catalysis B: Environmental</i> , 2012 , 119-120, 139-145	21.8	34
47	Core-Shell Nanostructures: Modeling, Fabrication, Properties, and Applications. <i>Journal of Nanomaterials</i> , 2012 , 2012, 1-2	3.2	3
46	Magnetic-field induced formation of 1D Fe ₃ O ₄ /C/CdS coaxial nanochains as highly efficient and reusable photocatalysts for water treatment. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18359		134
45	Enhanced electromagnetic characteristics of carbon nanotubes/carbonyl iron powders complex absorbers in 2-18GHz ranges. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 451-456	5.7	125
44	Synthesis and characterization of nanosized urchin-like Fe ₂ O ₃ and Fe ₃ O ₄ : Microwave electromagnetic and absorbing properties. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 4320-4326	5.7	168
43	Magnetite (Fe ₃ O ₄) tetrakaidecahedral microcrystals: Synthesis, characterization, and micro-Raman study. <i>Materials Characterization</i> , 2011 , 62, 148-151	3.9	63
42	Enhanced microwave absorption properties of Fe nanotubes fabricated by a facile gas bubble-engaged assembly technique. <i>Micro and Nano Letters</i> , 2011 , 6, 722	0.9	13
41	Hollow mesoporous silica nanoparticles for intracellular delivery of fluorescent dye. <i>Chemistry Central Journal</i> , 2011 , 5, 1		124
40	Facile synthesis and properties of spherical assemblies of NaYF ₄ nanocrystals with consistent crystalline orientation. <i>CrystEngComm</i> , 2011 , 13, 7009	3.3	5
39	Grinding speed dependence of microstructure, conductivity, and microwave electromagnetic and absorbing characteristics of the flaked Fe particles. <i>Journal of Materials Research</i> , 2011 , 26, 682-688	2.5	31
38	Expanded graphite/cobalt ferrite/polyaniline ternary composites: Fabrication, properties, and potential applications. <i>Journal of Materials Research</i> , 2011 , 26, 2683-2690	2.5	9
37	Morphology dependence of static magnetic and microwave electromagnetic characteristics of polymorphic Fe ₃ O ₄ nanomaterials. <i>Journal of Materials Research</i> , 2011 , 26, 1639-1645	2.5	43
36	Facile microemulsion route to coat carbonized glucose on upconversion nanocrystals as high luminescence and biocompatible cell-imaging probes. <i>Nanotechnology</i> , 2010 , 21, 315105	3.4	28
35	A Facile and Generic Strategy to Synthesize Large-Scale Carbon Nanotubes. <i>Journal of Nanomaterials</i> , 2010 , 2010, 1-5	3.2	5

34	Controlled Synthesis of the Poly(N-methylaniline)/Zn _{0.6} Mn _{0.2} Ni _{0.2} Fe ₂ O ₄ Composites and Its Electrical-Magnetic Property. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 6712-6717	3.8	19
33	Seed-mediated synthesis of NaY F ₄ :Y ^b , Er/NaGdF ₄ nanocrystals with improved upconversion fluorescence and MR relaxivity. <i>Nanotechnology</i> , 2010 , 21, 125602	3.4	134
32	ZnO/ZnFe ₂ O ₄ Magnetic Fluorescent Bifunctional Hollow Nanospheres: Synthesis, Characterization, and Their Optical/Magnetic Properties. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 17455-17459	3.8	57
31	Decoration of ZnO nanocrystals on the surface of shuttle-shaped Mn ₂ O ₃ and its magnetic-optical properties. <i>CrystEngComm</i> , 2010 , 12, 2687	3.3	15
30	Coating colloidal carbon spheres with CdS nanoparticles: microwave-assisted synthesis and enhanced photocatalytic activity. <i>Langmuir</i> , 2010 , 26, 18570-5	4	145
29	One-pot synthesis of biocompatible Te@phenol formaldehyde resin core-shell nanowires with uniform size and unique fluorescent properties by a synergized soft-hard template process. <i>Nanotechnology</i> , 2010 , 21, 495602	3.4	5
28	Polyacrylamide/Zn _{0.4} Ni _{0.5} Cu _{0.1} Fe ₂ O ₄ nanocomposites: Synthesis, characterization and electromagnetic properties. <i>Materials Chemistry and Physics</i> , 2010 , 124, 1039-1045	4.4	7
27	Facile synthesis of magnetic metal (Mn, Co, Fe, and Ni) oxide nanosheets. <i>Materials Letters</i> , 2010 , 64, 1095-1098	3.3	12
26	Expanded graphite/polyaniline electrical conducting composites: Synthesis, conductive and dielectric properties. <i>Materials Letters</i> , 2010 , 64, 1313-1315	3.3	22
25	Singlet oxygen-induced apoptosis of cancer cells using upconversion fluorescent nanoparticles as a carrier of photosensitizer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2010 , 6, 486-95	6	190
24	Synthesis of tellurium nanowires and their transport property. <i>Materials Chemistry and Physics</i> , 2009 , 113, 523-526	4.4	50
23	Mesoporous-silica-coated up-conversion fluorescent nanoparticles for photodynamic therapy. <i>Small</i> , 2009 , 5, 2285-90	11	534
22	A general approach for synthesis of a family of functional inorganic nanotubes using highly active carbonaceous nanofibres as templates. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1037-1042		48
21	Template-Free Synthesis of Highly Uniform β -GaOOH Spindles and Conversion to β -Ga ₂ O ₃ and β -Ga ₂ O ₃ . <i>Crystal Growth and Design</i> , 2008 , 8, 1282-1287	3.5	71
20	Multicolor polystyrene nanospheres tagged with up-conversion fluorescent nanocrystals. <i>Nanotechnology</i> , 2008 , 19, 255601	3.4	34
19	Synthesis of hexagonal-phase core-shell NaYF ₄ nanocrystals with tunable upconversion fluorescence. <i>Langmuir</i> , 2008 , 24, 12123-5	4	342
18	Can t-Te nanowires really give blue-violet emission? Reply to comment on high-quality luminescent tellurium nanowires of several nanometers in diameter and high aspect ratio synthesized by a poly(Vinyl Pyrrolidone)-assisted hydrothermal process. <i>Langmuir</i> , 2008 , 24, 8393-4	4	4
17	PVA-Assisted Hydrothermal Synthesis of Copper@Carbonaceous Submicrocables: Thermal Stability, and Their Conversion into Amorphous Carbonaceous Submicrotubes. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 2490-2496	3.8	46

16	Dispersibility, stabilization, and chemical stability of ultrathin tellurium nanowires in acetone: morphology change, crystallization, and transformation into TeO ₂ in different solvents. <i>Langmuir</i> , 2007 , 23, 3409-17	4	50
15	Hybrid "Golden Fleece" Synthesis and Catalytic Performance of Uniform Carbon Nanofibers and Silica Nanotubes Embedded with a High Population of Noble-Metal Nanoparticles. <i>Advanced Functional Materials</i> , 2007 , 17, 637-643	15.6	87
14	A new approach to synthesize uniform metal oxide hollow nanospheres via controlled precipitation. <i>Nanotechnology</i> , 2007 , 18, 355602	3.4	120
13	Large-scale synthesis of flexible gold/cross-linked-PVA sub-microcables and cross-linked-PVA tubes/fibers by using templating approaches based on silver/cross-linked-PVA sub-microcables. <i>Chemistry - A European Journal</i> , 2006 , 12, 3320-4	4.8	11
12	Synthesis of uniform carbon@silica nanocables and luminescent silica nanotubes with well controlled inner diameters. <i>Nanotechnology</i> , 2006 , 17, 5995-5999	3.4	12
11	Large scale synthesis of uniform silver@carbon rich composite (carbon and cross-linked PVA) sub-microcables by a facile green chemistry carbonization approach. <i>Chemical Communications</i> , 2006 , 793-5	5.8	51
10	High-quality luminescent tellurium nanowires of several nanometers in diameter and high aspect ratio synthesized by a poly (vinyl pyrrolidone)-assisted hydrothermal process. <i>Langmuir</i> , 2006 , 22, 3830-5	4	265
9	Synthesis of copper/cross-linked poly(vinyl alcohol) (PVA) nanocables via a simple hydrothermal route. <i>Journal of Materials Chemistry</i> , 2006 , 16, 101-105		70
8	Acetic Acid-Assisted Solution Process for Growth of Complex Copper Sulfide Microtubes Constructed by Hexagonal Nanoflakes. <i>Chemistry of Materials</i> , 2006 , 18, 2012-2015	9.6	73
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5	Large-scale fabrication of flexible silver/cross-linked poly(vinyl alcohol) coaxial nanocables by a facile solution approach. <i>Journal of the American Chemical Society</i> , 2005 , 127, 2822-3	16.4	196
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