Haisheng Qian

List of Publications by Citations

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	Mesoporous-silica-coated up-conversion fluorescent nanoparticles for photodynamic therapy. *Small*, **2009**, 5, 2285-90	11	534
158	Synthesis of hexagonal-phase core-shell NaYF4 nanocrystals with tunable upconversion fluorescence. *Langmuir*, **2008**, 24, 12123-5	4	342
157	High-quality luminescent tellurium nanowires of several nanometers in diameter and high aspect ratio synthesized by a poly (vinyl pyrrolidone)-assisted hydrothermal process. *Langmuir*, **2006**, 22, 3830-5	4	265
156	Synthesis of Uniform Composite Nanocables with Photoluminescence Properties and Carbonaceous Nanofibers by the Hydrothermal Carbonization of Glucose. *Chemistry of Materials*, **2006**, 18, 2102-2108	9.6	241
155	Large-Scale Synthesis of Highly Luminescent Perovskite-Related CsPb2 Br5 Nanoplatelets and Their Fast Anion Exchange. *Angewandte Chemie - International Edition*, **2016**, 55, 8328-32	16.4	206
154	Large-scale fabrication of flexible silver/cross-linked poly(vinyl alcohol) coaxial nanocables by a facile solution approach. *Journal of the American Chemical Society*, **2005**, 127, 2822-3	16.4	196
153	Singlet oxygen-induced apoptosis of cancer cells using upconversion fluorescent nanoparticles as a carrier of photosensitizer. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2010**, 6, 486-95	6	190
152	Synthesis and characterization of nanosized urchin-like □Fe2O3 and Fe3O4: Microwave electromagnetic and absorbing properties. *Journal of Alloys and Compounds*, **2011**, 509, 4320-4326	5.7	168
151	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. *Applied Catalysis B: Environmental*, **2012**, 125, 425-431	21.8	149
150	Coating colloidal carbon spheres with CdS nanoparticles: microwave-assisted synthesis and enhanced photocatalytic activity. *Langmuir*, **2010**, 26, 18570-5	4	145
149	Non-catalytic CVD preparation of carbon spheres with a specific size. *Carbon*, **2004**, 42, 761-766	10.4	142
148	Submicrometer-sized NiO octahedra: facile one-pot solid synthesis, formation mechanism, and chemical conversion into Ni octahedra with excellent microwave-absorbing properties. *Journal of Materials Chemistry*, **2012**, 22, 17494		140
147	Magnetic-field induced formation of 1D Fe3O4/C/CdS coaxial nanochains as highly efficient and reusable photocatalysts for water treatment. *Journal of Materials Chemistry*, **2011**, 21, 18359		134
146	Seed-mediated synthesis of NaY F4:Y b, Er/NaGdF4 nanocrystals with improved upconversion fluorescence and MR relaxivity. *Nanotechnology*, **2010**, 21, 125602	3.4	134
145	Multiplex templating process in one-dimensional nanoscale: controllable synthesis, macroscopic assemblies, and applications. *Accounts of Chemical Research*, **2013**, 46, 1450-61	24.3	131
144	Enhanced electromagnetic characteristics of carbon nanotubes/carbonyl iron powders complex absorbers in 2□18GHz ranges. *Journal of Alloys and Compounds*, **2011**, 509, 451-456	5.7	125
143	Hollow mesoporous silica nanoparticles for intracellular delivery of fluorescent dye. *Chemistry Central Journal*, **2011**, 5, 1		124

142	A new approach to synthesize uniform metal oxide hollow nanospheres via controlled precipitation. *Nanotechnology*, **2007**, 18, 355602	3.4	120
141	A novel ternary composite: fabrication, performance and application of expanded graphite/polyaniline/CoFe2O4 ferrite. *Journal of Materials Chemistry*, **2012**, 22, 6449		119
140	Flower-like Co superstructures: Morphology and phase evolution mechanism and novel microwave electromagnetic characteristics. *CrystEngComm*, **2012**, 14, 2071	3.3	109
139	Rolling chain amplification based signal-enhanced electrochemical aptasensor for ultrasensitive detection of ochratoxin A. *Analytical Chemistry*, **2013**, 85, 10842-9	7.8	104
138	Attractive microwave-absorbing properties of M-BaFe12O19 ferrite. *Journal of Alloys and Compounds*, **2013**, 557, 11-17	5.7	98
137	Near-Infrared Photocatalytic Upconversion Nanoparticles/TiO2 Nanofibers Assembled in Large Scale by Electrospinning. *Particle and Particle Systems Characterization*, **2016**, 33, 248-253	3.1	95
136	Hybrid "Golden Fleece" Synthesis and Catalytic Performance of Uniform Carbon Nanofibers and Silica Nanotubes Embedded with a High Population of Noble-Metal Nanoparticles. *Advanced Functional Materials*, **2007**, 17, 637-643	15.6	87
135	Controlled synthesis of upconverting nanoparticles/ZnxCd1-xS yolk-shell nanoparticles for efficient photocatalysis driven by NIR light. *Applied Catalysis B: Environmental*, **2018**, 224, 854-862	21.8	83
134	A New Cubic Phase for a NaYF4 Host Matrix Offering High Upconversion Luminescence Efficiency. *Advanced Materials*, **2015**, 27, 5528-33	24	80
133	Microwave-assisted synthesis of porous CdO@CdS core–shell nanoboxes with enhanced visible-light-driven photocatalytic reduction of Cr(VI). *Journal of Materials Chemistry*, **2012**, 22, 13895		79
132	Thermoresponsive Forming Hydrogel with Sol-Gel Irreversibility for Effective Methicillin-Resistant Infected Wound Healing. *ACS Nano*, **2019**, 13, 10074-10084	16.7	78
131	Acetic Acid-Assisted Solution Process for Growth of Complex Copper Sulfide Microtubes Constructed by Hexagonal Nanoflakes. *Chemistry of Materials*, **2006**, 18, 2012-2015	9.6	73
130	Photoinduced PEG deshielding from ROS-sensitive linkage-bridged block copolymer-based nanocarriers for on-demand drug delivery. *Biomaterials*, **2018**, 170, 147-155	15.6	71
129	Template-Free Synthesis of Highly Uniform β-GaOOH Spindles and Conversion to β-Ga2O3 and α-Ga2O3. *Crystal Growth and Design*, **2008**, 8, 1282-1287	3.5	71
128	Synthesis of copper/cross-linked poly(vinyl alcohol) (PVA) nanocables via a simple hydrothermal route. *Journal of Materials Chemistry*, **2006**, 16, 101-105		70
127	Selective preparation and enhanced microwave electromagnetic characteristics of polymorphous ZnO architectures made from a facile one-step ethanediamine-assisted hydrothermal approach. *CrystEngComm*, **2013**, 15, 1314	3.3	67
126	One-pot solution synthesis of shape-controlled copper selenide nanostructures and their potential applications in photocatalysis and photothermal therapy. *Nanoscale*, **2017**, 9, 14512-14519	7.7	65
125	Scalable fabrication of ZnxCd1-xS double-shell hollow nanospheres for highly efficient hydrogen production. *Applied Catalysis B: Environmental*, **2018**, 239, 309-316	21.8	64

124	Magnetite (Fe3O4) tetrakaidecahedral microcrystals: Synthesis, characterization, and micro-Raman study. *Materials Characterization*, **2011**, 62, 148-151	3.9	63
123	Titanium Dioxide/Upconversion Nanoparticles/Cadmium Sulfide Nanofibers Enable Enhanced Full-Spectrum Absorption for Superior Solar Light Driven Photocatalysis. *ChemSusChem*, **2016**, 9, 1449-54	8.3	62
122	ZnO/ZnFe2O4 Magnetic Fluorescent Bifunctional Hollow Nanospheres: Synthesis, Characterization, and Their Optical/Magnetic Properties. *Journal of Physical Chemistry C*, **2010**, 114, 17455-17459	3.8	57
121	Growth of ZnO Crystals with Branched Spindles and Prismatic Whiskers from Zn3(OH)2V2O7□H2O Nanosheets by a Hydrothermal Route. *Crystal Growth and Design*, **2005**, 5, 935-939	3.5	55
120	One-pot solvothermal synthesis of multi-shelled □Fe2O3 hollow spheres with enhanced visible-light photocatalytic activity. *Journal of Alloys and Compounds*, **2013**, 551, 440-443	5.7	54
119	Bi2S3 coated Au nanorods for enhanced photodynamic and photothermal antibacterial activities under NIR light. *Chemical Engineering Journal*, **2020**, 397, 125488	14.7	54
118	Large scale synthesis of uniform silver@carbon rich composite (carbon and cross-linked PVA) sub-microcables by a facile green chemistry carbonization approach. *Chemical Communications*, **2006**, 793-5	5.8	51
117	Rod-based urchin-like hollow microspheres of BiS: Facile synthesis, photo-controlled drug release for photoacoustic imaging and chemo-photothermal therapy of tumor ablation. *Biomaterials*, **2020**, 237, 119835	15.6	50
116	Synthesis of tellurium nanowires and their transport property. *Materials Chemistry and Physics*, **2009**, 113, 523-526	4.4	50
115	Dispersibility, stabilization, and chemical stability of ultrathin tellurium nanowires in acetone: morphology change, crystallization, and transformation into TeO2 in different solvents. *Langmuir*, **2007**, 23, 3409-17	4	50
114	A Donor-Acceptor Conjugated Polymer with Alternating Isoindigo Derivative and Bithiophene Units for Near-Infrared Modulated Cancer Thermo-Chemotherapy. *ACS Applied Materials & Interfaces* , **2016**, 8, 19312-20	9.5	49
113	Microwave-assisted route to fabricate coaxial ZnO/C/CdS nanocables with enhanced visible light-driven photocatalytic activity. *CrystEngComm*, **2012**, 14, 7686	3.3	48
112	A general approach for synthesis of a family of functional inorganic nanotubes using highly active carbonaceous nanofibres as templates. *Journal of Materials Chemistry*, **2009**, 19, 1037-1042		48
111	Facile synthesis of CdS/C core□shell nanospheres with ultrathin carbon layer for enhanced photocatalytic properties and stability. *Applied Surface Science*, **2016**, 362, 126-131	6.7	46
110	PVA-Assisted Hydrothermal Synthesis of Copper@Carbonaceous Submicrocables: Thermal Stability, and Their Conversion into Amorphous Carbonaceous Submicrotubes. *Journal of Physical Chemistry C*, **2007**, 111, 2490-2496	3.8	46
109	Tumor acidity-activatable TAT targeted nanomedicine for enlarged fluorescence/magnetic resonance imaging-guided photodynamic therapy. *Biomaterials*, **2017**, 133, 165-175	15.6	45
108	Facile synthesis of Ag2WO4/AgCl nanorods for excellent photocatalytic properties. *Materials Letters*, **2013**, 91, 129-132	3.3	43
107	Morphology dependence of static magnetic and microwave electromagnetic characteristics of polymorphic Fe3O4 nanomaterials. *Journal of Materials Research*, **2011**, 26, 1639-1645	2.5	43

106	Charge reversal induced colloidal hydrogel acts as a multi-stimuli responsive drug delivery platform for synergistic cancer therapy. *Materials Horizons*, **2019**, 6, 711-716	14.4	41
105	Redox-Responsive Polyphosphoester-Based Micellar Nanomedicines for Overriding Chemoresistance in Breast Cancer Cells. *ACS Applied Materials & Interfaces*, **2015**, 7, 26315-25	9.5	40
104	Unique Upconversion Core□Shell Nanoparticles with Tunable Fluorescence Synthesized by a Sequential Growth Process. *Advanced Materials Interfaces*, **2016**, 3, 1500649	4.6	40
103	Precisely photothermal controlled releasing of antibacterial agent from Bi2S3 hollow microspheres triggered by NIR light for water sterilization. *Chemical Engineering Journal*, **2020**, 381, 122630	14.7	40
102	Folin-Ciocalteu Assay Inspired Polyoxometalate Nanoclusters as a Renal Clearable Agent for Non-Inflammatory Photothermal Cancer Therapy. *ACS Nano*, **2020**, 14, 2126-2136	16.7	39
101	Enhanced electromagnetic characteristics of porous iron particles made by a facile corrosion technique. *Materials Chemistry and Physics*, **2012**, 132, 563-569	4.4	39
100	Construction of ZnCdS/BiS composite nanospheres with photothermal effect for enhanced photocatalytic activities. *Journal of Colloid and Interface Science*, **2019**, 546, 303-311	9.3	38
99	Design of Tumor Acidity-Responsive Sheddable Nanoparticles for Fluorescence/Magnetic Resonance Imaging-Guided Photodynamic Therapy. *Theranostics*, **2017**, 7, 1290-1302	12.1	38
98	Controlled synthesis of upconverting nanoparticles/CuS yolk-shell nanoparticles for in vitro synergistic photothermal and photodynamic therapy of cancer cells. *Journal of Materials Chemistry B*, **2017**, 5, 9487-9496	7.3	37
97	Sequential Growth of NaYF:Yb/Er@NaGdF Nanodumbbells for Dual-Modality Fluorescence and Magnetic Resonance Imaging. *ACS Applied Materials & Interfaces*, **2017**, 9, 9226-9232	9.5	36
96	Synthesis of Mesoporous SiO2@TiO2 Core/Shell Nanospheres with Enhanced Photocatalytic Properties. *Particle and Particle Systems Characterization*, **2013**, 30, 306-310	3.1	34
95	Facile synthesis of tremelliform Co0.85Se nanosheets: An efficient catalyst for the decomposition of hydrazine hydrate. *Applied Catalysis B: Environmental*, **2012**, 119-120, 139-145	21.8	34
94	Multicolor polystyrene nanospheres tagged with up-conversion fluorescent nanocrystals. *Nanotechnology*, **2008**, 19, 255601	3.4	34
93	[email□protected] PVA Core□Shell Structures Synthesized by a One-Step Synergistic Soft□Hard Template Process. *Crystal Growth and Design*, **2006**, 6, 607-611	3.5	34
92	Anti-biofouling double-layered unidirectional scaffold for long-term solar-driven water evaporation. *Journal of Materials Chemistry A*, **2019**, 7, 16696-16703	13	31
91	PEGylated rhenium nanoclusters: a degradable metal photothermal nanoagent for cancer therapy. *Chemical Science*, **2019**, 10, 5435-5443	9.4	31
90	Grinding speed dependence of microstructure, conductivity, and microwave electromagnetic and absorbing characteristics of the flaked Fe particles. *Journal of Materials Research*, **2011**, 26, 682-688	2.5	31
89	Interfacially Engineered ZnMnS@Polydopamine Hollow Nanospheres for Glutathione Depleting Photothermally Enhanced Chemodynamic Therapy. *ACS Nano*, **2021**,	16.7	31

88	Mesoporous silica nanospheres decorated with CdS nanocrystals for enhanced photocatalytic and excellent antibacterial activities. *Nanoscale*, **2013**, 5, 6327-32	7.7	30
87	Novel doxorubicin loaded PEGylated cuprous telluride nanocrystals for combined photothermal-chemo cancer treatment. *Colloids and Surfaces B: Biointerfaces*, **2017**, 152, 449-458	6	29
86	Anti-inflammatory catecholic chitosan hydrogel for rapid surgical trauma healing and subsequent prevention of tumor recurrence. *Chinese Chemical Letters*, **2020**, 31, 1807-1811	8.1	29
85	Stable gadolinium based nanoscale lyophilized injection for enhanced MR angiography with efficient renal clearance. *Biomaterials*, **2018**, 158, 74-85	15.6	28
84	Facile microemulsion route to coat carbonized glucose on upconversion nanocrystals as high luminescence and biocompatible cell-imaging probes. *Nanotechnology*, **2010**, 21, 315105	3.4	28
83	Facile Cl□mediated hydrothermal synthesis of large-scale Ag nanowires from AgCl hydrosol. *CrystEngComm*, **2013**, 15, 2598	3.3	26
82	Mesoporous silica-coated NaYF4 nanocrystals: facile synthesis, in vitro bioimaging and photodynamic therapy of cancer cells. *RSC Advances*, **2012**, 2, 12263	3.7	26
81	Sequential growth of CaF:Yb,Er@CaF:Gd nanoparticles for efficient magnetic resonance angiography and tumor diagnosis. *Biomaterials Science*, **2017**, 5, 2403-2415	7.4	25
80	PEGylated hyperbranched polyphosphoester based nanocarriers for redox-responsive delivery of doxorubicin. *Biomaterials Science*, **2016**, 4, 412-7	7.4	24
79	Ultrastable AgBiS Hollow Nanospheres with Cancer Cell-Specific Cytotoxicity for Multimodal Tumor Therapy. *ACS Nano*, **2020**, 14, 14919-14928	16.7	24
78	Facile Synthesis of Upconverting Nanoparticles/Zinc Oxide Core□Shell Nanostructures with Large Lattice Mismatch for Infrared Triggered Photocatalysis. *Particle and Particle Systems Characterization*, **2017**, 34, 1600222	3.1	23
77	Mesoporous-silica-coated upconversion nanoparticles loaded with vitamin B12 for near-infrared-light mediated photodynamic therapy. *Materials Letters*, **2016**, 167, 205-208	3.3	23
76	Sequential growth of sandwiched NaYF4:Yb/Er@NaYF4:Yb@NaNdF4:Yb core□shell□shell nanoparticles for photodynamic therapy. *Applied Surface Science*, **2015**, 357, 2408-2414	6.7	23
75	Monitoring and removal of trace heavy metal ions via fluorescence resonance energy transfer mechanism: In case of silver ions. *Chemical Engineering Journal*, **2019**, 375, 121927	14.7	22
74	Polyphosphoester-based nanoparticles with viscous flow core enhanced therapeutic efficacy by improved intracellular drug release. *ACS Applied Materials & Interfaces*, **2014**, 6, 16174-81	9.5	22
73	Upconversion nanoparticles modified with aminosilanes as carriers of DNA vaccine for foot-and-mouth disease. *Applied Microbiology and Biotechnology*, **2012**, 95, 1253-63	5.7	22
72	Expanded graphite/polyaniline electrical conducting composites: Synthesis, conductive and dielectric properties. *Materials Letters*, **2010**, 64, 1313-1315	3.3	22
71	Facile synthesis of GdBO3 spindle assemblies and microdisks as versatile host matrices for lanthanide doping. *CrystEngComm*, **2012**, 14, 3959	3.3	20

70	Large-Scale Synthesis of Highly Luminescent Perovskite-Related CsPb2Br5 Nanoplatelets and Their Fast Anion Exchange. *Angewandte Chemie*, **2016**, 128, 8468-8472	3.6	20
69	Magnetically Recyclable FeO@Zn CdS Core-Shell Microspheres for Visible Light-Mediated Photocatalysis. *Langmuir*, **2018**, 34, 9264-9271	4	19
68	Silica/ultrasmall Ag composite microspheres: facile synthesis, characterization and antibacterial and catalytic performance. *CrystEngComm*, **2014**, 16, 2365-2370	3.3	19
67	Controlled Synthesis of the Poly(N-methylaniline)/Zn0.6Mn0.2Ni0.2Fe2O4 Composites and Its Electrical-Magnetic Property. *Journal of Physical Chemistry C*, **2010**, 114, 6712-6717	3.8	19
66	Photocatalytic studies of CdS nanoparticles assembled on carbon microsphere surfaces with different interface structures: from amorphous to graphite-like carbon. *CrystEngComm*, **2012**, 14, 4507	3.3	18
65	Facile synthesis of UCNPs/ZnxCd1-xS nanocomposites excited by near-infrared light for photochemical reduction and removal of Cr(VI). *Chinese Journal of Catalysis*, **2018**, 39, 1240-1248	11.3	18
64	Fabrication of Zinc Oxide Composite Microfibers for Near-Infrared-Light-Mediated Photocatalysis. *ChemCatChem*, **2017**, 9, 3611-3617	5.2	17
63	Facile synthesis of uniform ZnxCd1□S alloyed hollow nanospheres for improved photocatalytic activities. *Journal of Materials Science: Materials in Electronics*, **2014**, 25, 4103-4109	2.1	17
62	Decoration of ZnO nanocrystals on the surface of shuttle-shaped Mn2O3 and its magnetic-optical properties. *CrystEngComm*, **2010**, 12, 2687	3.3	15
61	Decoration of upconversion nanoparticles@mSiO2 core□hell nanostructures with CdS nanocrystals for excellent infrared light triggered photocatalysis. *RSC Advances*, **2016**, 6, 54241-54248	3.7	14
60	Electrical and microwave absorbing properties of polypyrrole synthesized by optimum strategy. *Journal of Applied Polymer Science*, **2013**, 127, 4273-4279	2.9	14
59	Enhanced microwave absorption properties of Fe nanotubes fabricated by a facile gas bubble-engaged assembly technique. *Micro and Nano Letters*, **2011**, 6, 722	0.9	13
58	Facile synthesis of □NaGdF4:Yb/Er@CaF2 nanoparticles with enhanced upconversion fluorescence and stability via a sequential growth process. *CrystEngComm*, **2015**, 17, 5900-5905	3.3	12
57	Mesoporous NiS nanospheres as a hydrophobic anticancer drug delivery vehicle for synergistic photothermal-chemotherapy. *Journal of Materials Chemistry B*, **2019**, 7, 143-149	7.3	12
56	Self-assembly of TiO2 composite microspheres: Facile synthesis, characterization and photocatalytic activities. *CrystEngComm*, **2012**, 14, 7118	3.3	12
55	Facile synthesis of magnetic metal (Mn, Co, Fe, and Ni) oxide nanosheets. *Materials Letters*, **2010**, 64, 1095-1098	3.3	12
54	Synthesis of uniform carbon@silica nanocables and luminescent silica nanotubes with well controlled inner diameters. *Nanotechnology*, **2006**, 17, 5995-5999	3.4	12
53	Hydrothermal-assisted crystallization for the synthesis of upconversion nanoparticles/CdS/TiO2 composite nanofibers by electrospinning. *CrystEngComm*, **2016**, 18, 6013-6018	3.3	11

52	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. *Chemistry - A European Journal*, **2006**, 12, 3320-4	4.8	11
51	Inhibition of murine bladder cancer cell growth in vitro by photocontrollable siRNA based on upconversion fluorescent nanoparticles. *PLoS ONE*, **2014**, 9, e112713	3.7	11
50	Ag nanoparticles decorated hybrid microspheres for superior antibacterial properties. *Materials Letters*, **2020**, 262, 127057	3.3	11
49	dl-Menthol Loaded Polypyrrole Nanoparticles as a Controlled Diclofenac Delivery Platform for Sensitizing Cancer Cells to Photothermal Therapy.. *ACS Applied Bio Materials*, **2019**, 2, 848-855	4.1	9
48	Expanded graphite/cobalt ferrite/polyaniline ternary composites: Fabrication, properties, and potential applications. *Journal of Materials Research*, **2011**, 26, 2683-2690	2.5	9
47	Highly Active Zinc Sulfide Composite Microspheres: A Versatile Template for Synthesis of a Family of Hollow Nanostructures of Sulfides. *Langmuir*, **2020**, 36, 1523-1529	4	9
46	KMnF3 nanowires and nanoparticles: Selected synthesis, characterization and magnetic properties. *Materials Letters*, **2017**, 196, 145-148	3.3	8
45	TiO2 composite nanotubes embedded with CdS and upconversion nanoparticles for near infrared light driven photocatalysis. *Chinese Journal of Catalysis*, **2017**, 38, 1851-1859	11.3	8
44	Synthesis, Characterization, and In Vitro Drug Delivery of Chitosan-Silica Hybrid Microspheres for Bone Tissue Engineering. *Journal of Nanomaterials*, **2019**, 2019, 1-7	3.2	7
43	Large-Scale Ligand-Free Synthesis of Homogeneous Core-Shell Quantum-Dot-Modified CsPbBr Microcrystals. *Inorganic Chemistry*, **2019**, 58, 10620-10624	5.1	7
42	Polyacrylamide/Zn0.4Ni0.5Cu0.1Fe2O4 nanocomposites: Synthesis, characterization and electromagnetic properties. *Materials Chemistry and Physics*, **2010**, 124, 1039-1045	4.4	7
41	Upconversion nanoparticles@AgBiS core-shell nanoparticles with cancer-cell-specific cytotoxicity for combined photothermal and photodynamic therapy of cancers.. *Bioactive Materials*, **2022**, 17, 71-80	16.7	7
40	Bimetallic oxide Cu1.5Mn1.5O4 cage-like frame nanospheres with triple enzyme-like activities for bacterial-infected wound therapy. *Nano Today*, **2022**, 43, 101380	17.9	7
39	Recent Development on Controlled Synthesis of Metal Sulfides Hollow Nanostructures via Hard Template Engaged Strategy: A Mini-Review. *Chemical Record*, **2020**, 20, 882-892	6.6	7
38	Synthesis of sea-urchin-like Bi2S3 hollow microspheres for highly efficient removal of Ag+ with extremely low acidity. *Applied Surface Science*, **2020**, 515, 146130	6.7	6
37	A new trick (hydroxyl radical generation) of an old vitamin (B2) for near-infrared-triggered photodynamic therapy. *RSC Advances*, **2016**, 6, 102647-102656	3.7	6
36	Silica-based hybrid microspheres: synthesis, characterization and wastewater treatment. *RSC Advances*, **2013**, 3, 25620	3.7	6
35	Synthesis of streptavidin-conjugated magnetic nanoparticles for DNA detection. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	6

34	Polyoxometalate nanoclusters: A potential preventative and therapeutic drug for inflammatory bowel disease. *Chemical Engineering Journal*, **2021**, 416, 129137	14.7	6
33	Recent Advances in Controlled Synthesis of Upconversion Nanoparticles and Semiconductor Heterostructures. *Chemical Record*, **2020**, 20, 2-9	6.6	6
32	Facile synthesis of Ag@TiO2 (B) hierarchical core□shell nanowires: facile synthesis, growth mechanism and photocatalytic and antibacterial applications. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 5753-5760	2.1	5
31	A Facile and Generic Strategy to Synthesize Large-Scale Carbon Nanotubes. *Journal of Nanomaterials*, **2010**, 2010, 1-5	3.2	5
30	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. *Nanotechnology*, **2010**, 21, 495602	3.4	5
29	Facile synthesis and properties of spherical assemblies of NaYF4 nanocrystals with consistent crystalline orientation. *CrystEngComm*, **2011**, 13, 7009	3.3	5
28	Green Strategy to Develop Novel Drug-Containing Poly (□Caprolactone)-Chitosan-Silica Xerogel Hybrid Fibers for Biomedical Applications. *Journal of Nanomaterials*, **2020**, 2020, 1-6	3.2	5
27	Amine salts assisted controllable synthesis of the YVO4:Eu3+ nanocrystallines and their luminescence properties. *Physica B: Condensed Matter*, **2019**, 557, 1-5	2.8	5
26	Epitaxial growth of ultrathin layers on the surface of sub-10□nm nanoparticles: the case of □NaGdF:Yb/Er@NaDyF nanoparticles.. *RSC Advances*, **2018**, 8, 12944-12950	3.7	4
25	PPh3-Mediated [3+2] Cycloaddition Reaction between Bis-Substituted Allenoate and N-Tosylaldimines to Construct 2-Pyrrolines. *Synlett*, **2018**, 29, 1244-1248	2.2	4
24	Preparation of Highly Photoluminescent CdTe Nanocrystals in a Mixing Alkali Medium. *Chemistry Letters*, **2016**, 45, 535-537	1.7	4
23	Association of atorvastatin with the risk of hepatotoxicity: a pilot prescription sequence symmetry analysis. *Therapeutics and Clinical Risk Management*, **2019**, 15, 803-810	2.9	4
22	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. *Langmuir*, **2008**, 24, 8393-4	4	4
21	ICG@ZIF-8/PDA/Ag composites as chemo-photothermal antibacterial agents for efficient sterilization and enhanced wound disinfection. *Journal of Materials Chemistry B*, **2021**,	7.3	4
20	Sequential Growth of High Quality Sub-10 nm Core-Shell Nanocrystals: Understanding the Nucleation and Growth Process Using Dynamic Light Scattering. *Langmuir*, **2019**, 35, 489-494	4	4
19	Recent Development on Controlled Synthesis of Mn-Based Nanostructures for Bioimaging and Cancer Therapy. *Advanced Therapeutics*, **2021**, 4, 2100018	4.9	4
18	Controlled fabrication and electrical-magnetic properties of Poly(OT-co-AN)/Ba0.8La0.2Al2Fe10O19 composites. *Science China Technological Sciences*, **2012**, 55, 6-15	3.5	3
17	Facile synthesis of the SiO2/Au hybrid microspheres for excellent catalytic performance. *Journal of Materials Research*, **2014**, 29, 1417-1423	2.5	3

16	Core-Shell Nanostructures: Modeling, Fabrication, Properties, and Applications. *Journal of Nanomaterials*, **2012**, 2012, 1-2	3.2	3
15	The association between BACH1 polymorphisms and anti-tuberculosis drug-induced hepatotoxicity in a Chinese cohort. *Infection, Genetics and Evolution*, **2018**, 66, 217-221	4.5	3
14	Copper-based nanomaterials for cancer theranostics.. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2022**, e1797	9.2	3
13	Autophagic blockage by bismuth sulfide nanoparticles inhibits migration and invasion of HepG2 cells. *Nanotechnology*, **2020**, 31, 465102	3.4	2
12	Reprogrammable Untethered Actuator for Soft Bio-Inspired Robots. *Advanced Intelligent Systems*, **2021**, 3, 2000146	6	2
11	Small lanthanide-doped Sr2YbF7 nanocrystals: Upconversion fluorescence and upconversion-driven photodegradation. *Optical Materials*, **2018**, 86, 537-544	3.3	2
10	UCNPs@Zn0.5Cd0.5S Core-Shell and Yolk-Shell Nanostructures: Selective Synthesis, Characterization, and Near-Infrared-Mediated Photocatalytic Reduction of Cr(VI). *Journal of Nanomaterials*, **2018**, 2018, 1-9	3.2	2
9	A multifunctional composite hydrogel as an intrinsic and extrinsic coregulator for enhanced therapeutic efficacy for psoriasis.. *Journal of Nanobiotechnology*, **2022**, 20, 155	9.4	2
8	Facile synthesis of Ag@SiO2 core□shell nanowires on large scale. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 1602-1607	2.1	1
7	External Field-Driven Untethered Microrobots for Targeted Cargo Delivery. *Advanced Materials Technologies*,2101256	6.8	1
6	Fabrication of Wearable Hydrogel Sensors With Simple Ionic-Digital Conversion and Inherent Water Retention. *IEEE Sensors Journal*, **2021**, 21, 6802-6810	4	1
5	Facile Synthesis of Thermo-Sensitive Composite Hydrogel with Well Dispersed Ag Nanoparticles for Application in Superior Antibacterial Infections. *Journal of Biomedical Nanotechnology*, **2021**, 17, 1148-1159	4	0
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