

# Junqing Hu

## 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.

185  
papers

10,692  
citations

54  
h-index

98  
g-index

188  
ext. papers

12,064  
ext. citations

8.7  
avg, IF

6.29  
L-index

#	Paper	IF	Citations
185	Intracellular Mutual Amplification of Oxidative Stress and Inhibition Multidrug Resistance for Enhanced Sonodynamic/Chemodynamic/Chemo Therapy.. <i>Small</i> , <b>2022</b> , e2107160	11	8
184	Engineering DNA quadruplexes in DNA nanostructures for biosensor construction.. <i>Nano Research</i> , <b>2022</b> , 15, 3504-3513	10	3
183	Dual-Modified Cu <sub>2</sub> S with MoS <sub>2</sub> and Reduced Graphene Oxides as Efficient Photocatalysts for H <sub>2</sub> Evolution Reaction. <i>Catalysts</i> , <b>2021</b> , 11, 1278	4	0
182	Recent Progress of Methods to Enhance Photovoltaic Effect for Self-Powered Heterojunction Photodetectors and Their Applications in Inorganic Low-Dimensional Structures. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2011284	15.6	20
181	Synthesis strategies and biomedical applications for doped inorganic semiconductor nanocrystals. <i>Cell Reports Physical Science</i> , <b>2021</b> , 2, 100436	6.1	4
180	An adjustable multi-color detector based on regulating TiO <sub>2</sub> surface adsorption and multi-junction synergy. <i>Nano Research</i> , <b>2021</b> , 14, 3423-3430	10	2
179	Tumor Microenvironment Responsive Biodegradable Fe-Doped MoO Nanowires for Magnetic Resonance Imaging Guided Photothermal-Enhanced Chemodynamic Synergistic Antitumor Therapy. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001665	10.1	12
178	A high performance self-powered heterojunction photodetector based on NiO nanosheets on an n-Si (1 0 0) modified substrate. <i>Materials Letters</i> , <b>2021</b> , 285, 128995	3.3	4
177	A Near-Infrared Light Triggered Composite Nanoplatfom for Synergetic Therapy and Multimodal Tumor Imaging. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 695511	5	0
176	Programmable DNA Framework Sensors for In Situ Cell-Surface pH Analysis. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 12170-12174	7.8	6
175	AgFeS nanoparticles as a novel photothermal platform for effective artery stenosis therapy. <i>Nanoscale</i> , <b>2020</b> , 12, 11288-11296	7.7	7
174	Tumor environment responsive degradable CuS@mSiO <sub>2</sub> @MnO <sub>2</sub> /DOX for MRI guided synergistic chemo-photothermal therapy and chemodynamic therapy. <i>Chemical Engineering Journal</i> , <b>2020</b> , 389, 124450	14.7	78
173	Bioinspired, Microstructured Silk Fibroin Adhesives for Flexible Skin Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 5601-5609	9.5	44
172	An efficiently enhanced UV-visible light photodetector with a Zn:NiO/p-Si isotype heterojunction. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 3498-3508	7.1	9
171	In situ transmission electron microscope studies on one-dimensional nanomaterials: Manipulation, properties and applications. <i>Progress in Materials Science</i> , <b>2020</b> , 113, 100674	42.2	6
170	Probing the intermolecular interaction mechanisms between humic acid and different substrates with implications for its adsorption and removal in water treatment. <i>Water Research</i> , <b>2020</b> , 176, 115766	12.5	20
169	High-efficiency and safe sulfur-doped iron oxides for magnetic resonance imaging-guided photothermal/magnetic hyperthermia therapy. <i>Dalton Transactions</i> , <b>2020</b> , 49, 5493-5502	4.3	3

168	A simple method for preparing a TiO <sub>2</sub> -based back-gate controlled N-channel MSMIGFET UV photodetector. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 1781-1787	7.1	3
167	Solar-Inspired Water Purification Based on Emerging 2D Materials: Status and Challenges. <i>Solar Rrl</i> , <b>2020</b> , 4, 1900400	7.1	81
166	Controllable Hydrothermal Synthesis and Photocatalytic Performance of Bi <sub>2</sub> MoO <sub>6</sub> Nano/Microstructures. <i>Catalysts</i> , <b>2020</b> , 10, 1161	4	7
165	Oxygen vacancies-rich cobalt-doped NiMoO <sub>4</sub> nanosheets for high energy density and stable aqueous Ni-Zn battery. <i>Science China Materials</i> , <b>2020</b> , 63, 1205-1215	7.1	36
164	Right Cu S@MnS Core-Shell Nanoparticles as a Photo/HO-Responsive Platform for Effective Cancer Theranostics. <i>Advanced Science</i> , <b>2019</b> , 6, 1901461	13.6	30
163	Reversible formation of networked porous Sb nanoparticles during cycling: Sb nanoparticles encapsulated in a nitrogen-doped carbon matrix with nanorod structures for high-performance Li-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 24292-24300	13	16
162	Hierarchical assembly of manganese dioxide nanosheets on one-dimensional titanium nitride nanofibers for high-performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 552, 712-718	9.3	16
161	CuCoS nanocrystals as a nanoplatform for photothermal therapy of arterial inflammation. <i>Nanoscale</i> , <b>2019</b> , 11, 9733-9742	7.7	22
160	Macrophages-Mediated Delivery of Small Gold Nanorods for Tumor Hypoxia Photoacoustic Imaging and Enhanced Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 15251-15261	9.5	45
159	Flower-like FeS/BiS superstructures with improved near-infrared absorption for efficient chemo-photothermal therapy. <i>Dalton Transactions</i> , <b>2019</b> , 48, 3360-3368	4.3	9
158	Highly Ordered Mesoporous NiCoO as a High Performance Anode Material for Li-Ion Batteries. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 521	5	7
157	New Strategy for Specific Eradication of Implant-Related Infections Based on Special and Selective Degradability of Rhenium Trioxide Nanocubes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 25691-25701	9.5	13
156	Hollow CoO@MnO Cubic Derived From ZIF-67@Mn-ZIF as Electrode Materials for Supercapacitors. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 831	5	17
155	"All-in-One" Theranostic Agent with Seven Functions Based on Bi-Doped Metal Chalcogenide Nanoflowers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 45467-45478	9.5	14
154	Janus Ag/AgS beads as efficient photothermal agents for the eradication of inflammation and artery stenosis. <i>Nanoscale</i> , <b>2019</b> , 11, 20324-20332	7.7	11
153	Biodegradable hollow manganese/cobalt oxide nanoparticles for tumor theranostics. <i>Nanoscale</i> , <b>2019</b> , 11, 23021-23026	7.7	19
152	A full-spectrum-absorption from nickel sulphide nanoparticles for efficient NIR-II window photothermal therapy. <i>Nanoscale</i> , <b>2019</b> , 11, 20161-20170	7.7	19
151	Fast Modulation of Surface Amphiphobicity/Amphiphilicity via Bidirectional Substitution between Perfluorinated Surfactants and Polyanions throughout Pre-Assembled Polyelectrolyte Multilayers. <i>Langmuir</i> , <b>2019</b> , 35, 17122-17131	4	3

150	Hierarchical multicomponent electrode with NiMoO <sub>4</sub> nanosheets coated on Co <sub>3</sub> O <sub>4</sub> nanowire arrays for enhanced electrochemical properties. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 781, 1127-1131	5.7	24
149	Improving the cycling stability of lithium-sulfur batteries by hollow dual-shell coating.. <i>RSC Advances</i> , <b>2018</b> , 8, 9161-9167	3.7	3
148	A Dendritic Nickel Cobalt Sulfide Nanostructure for Alkaline Battery Electrodes. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705937	15.6	112
147	Stabilizing Lithium-Sulfur Batteries through Control of Sulfur Aggregation and Polysulfide Dissolution. <i>Small</i> , <b>2018</b> , 14, e1703816	11	25
146	Hydrophilic K <sub>2</sub> Mn <sub>4</sub> O <sub>8</sub> nanoflowers as a sensitive photothermal theragnosis synergistic platform for the ablation of cancer. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 3714-3721	3.6	6
145	Degradable rhenium trioxide nanocubes with high localized surface plasmon resonance absorbance like gold for photothermal theranostics. <i>Biomaterials</i> , <b>2018</b> , 159, 68-81	15.6	38
144	Synthesis of hollow NiCoO nanospheres with large specific surface area for asymmetric supercapacitors. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 511, 456-462	9.3	118
143	Battery Electrodes: A Dendritic Nickel Cobalt Sulfide Nanostructure for Alkaline Battery Electrodes (Adv. Funct. Mater. 23/2018). <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1870154	15.6	2
142	A facile method to fabricated UV-Vis photodetectors based on TiO <sub>2</sub> /Si heterojunction. <i>Applied Surface Science</i> , <b>2018</b> , 449, 358-362	6.7	11
141	Hierarchical hollow MnO nanofibers with enhanced supercapacitor performance. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 513, 448-454	9.3	73
140	Facile synthesis of graphene nanoribbons from zeolite-templated ultra-small carbon nanotubes for lithium ion storage. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 21327-21334	13	5
139	"Transformed" FeS tetragonal nanosheets: a high-efficiency and body-clearable agent for magnetic resonance imaging guided photothermal and chemodynamic synergistic therapy. <i>Nanoscale</i> , <b>2018</b> , 10, 17902-17911	7.7	55
138	Cobalt nickel nitride coated by a thin carbon layer anchoring on nitrogen-doped carbon nanotube anodes for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 19853-19862	13	26
137	An easy-to-fabricate clearable CuS-superstructure-based multifunctional theranostic platform for efficient imaging guided chemo-photothermal therapy. <i>Nanoscale</i> , <b>2018</b> , 10, 11430-11440	7.7	18
136	Porous cobalt sulfide hollow nanospheres with tunable optical property for magnetic resonance imaging-guided photothermal therapy. <i>Nanoscale</i> , <b>2018</b> , 10, 14190-14200	7.7	20
135	Synthesis of hierarchical Co <sub>3</sub> O <sub>4</sub> @NiCo <sub>2</sub> O <sub>4</sub> core-shell nanosheets as electrode materials for supercapacitor application. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 700, 247-251	5.7	45
134	CuCoS nanocrystals: a new platform for multimodal imaging guided photothermal therapy. <i>Nanoscale</i> , <b>2017</b> , 9, 2626-2632	7.7	33
133	Surface Coating Constraint Induced Anisotropic Swelling of Silicon in Si-Void@SiO Nanowire Anode for Lithium-Ion Batteries. <i>Small</i> , <b>2017</b> , 13, 1603754	11	38

132	NixCo3S4@NiCo2O4 hybrid composites as supercapacitors electrode material. <i>Materials Letters</i> , <b>2017</b> , 191, 101-104	3.3	3
131	Treatment of steroid-induced osteonecrosis of the femoral head using porous Se@SiO nanocomposites to suppress reactive oxygen species. <i>Scientific Reports</i> , <b>2017</b> , 7, 43914	4.9	18
130	UV and visible light synergetic photodegradation using rutile TiO nanorod arrays based on a p-n Junction. <i>Dalton Transactions</i> , <b>2017</b> , 46, 4296-4302	4.3	14
129	Enhanced adsorption capacity of ultralong hydrogen titanate nanobelts for antibiotics. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 4352-4358	13	55
128	Design and Functionalization of the NIR-Responsive Photothermal Semiconductor Nanomaterials for Cancer Theranostics. <i>Accounts of Chemical Research</i> , <b>2017</b> , 50, 2529-2538	24.3	220
127	In situ transmission electron microscopy study of individual nanostructures during lithiation and delithiation processes. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 20072-20094	13	23
126	A new strategy to effectively alleviate volume expansion and enhance the conductivity of hierarchical MnO@C nanocomposites for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 21699-21708	13	47
125	Enhanced UV-visible light photodetectors with a TiO2/Si heterojunction using band engineering. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 12848-12856	7.1	44
124	Nanoparticles Encapsulated in Porous Carbon Matrix Coated on Carbon Fibers: An Ultrastable Cathode for Li-Ion Batteries. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1601363	21.8	39
123	A self-powered broadband photodetector based on an n-Si(111)/p-NiO heterojunction with high photosensitivity and enhanced external quantum efficiency. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 12520-12528	7.1	49
122	Electrochemical Energy Storage Application and Degradation Analysis of Carbon-Coated Hierarchical NiCo2S4 Core-Shell Nanowire Arrays Grown Directly on Graphene/Nickel Foam. <i>Scientific Reports</i> , <b>2016</b> , 6, 20264	4.9	54
121	Degradable Molybdenum Oxide Nanosheets with Rapid Clearance and Efficient Tumor Homing Capabilities as a Therapeutic Nanoplatform. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 2122-6	16.4	212
120	Degradable Molybdenum Oxide Nanosheets with Rapid Clearance and Efficient Tumor Homing Capabilities as a Therapeutic Nanoplatform. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 2162-2166	3.6	8
119	NaYF4:Yb/Er@PPy core-shell nanoplates: an imaging-guided multimodal platform for photothermal therapy of cancers. <i>Nanoscale</i> , <b>2016</b> , 8, 1040-8	7.7	37
118	SnS nanosheets for efficient photothermal therapy. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 4464-4467	3.6	24
117	A Hybrid Electrode of CoO@PPy Core/Shell Nanosheet Arrays for High-Performance Supercapacitors. <i>Nano-Micro Letters</i> , <b>2016</b> , 8, 143-150	19.5	40
116	Synthesis of CuS nanoplate-containing PDMS film with excellent near-infrared shielding properties. <i>RSC Advances</i> , <b>2016</b> , 6, 18881-18890	3.7	25
115	Hierarchical core/shell structures of ZnO nanorod@CoMoO4 nanoplates used as a high-performance electrode for supercapacitors. <i>RSC Advances</i> , <b>2016</b> , 6, 3020-3024	3.7	24

114	Hierarchical architectures of Co <sub>3</sub> O <sub>4</sub> ultrafine nanowires grown on Co <sub>3</sub> O <sub>4</sub> nanowires with fascinating electrochemical performance. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 377-384	3.6	6
113	Combined bortezomib-based chemotherapy and p53 gene therapy using hollow mesoporous silica nanospheres for p53 mutant non-small cell lung cancer treatment. <i>Biomaterials Science</i> , <b>2016</b> , 5, 77-88	7.4	50
112	An Interface Engineered Multicolor Photodetector Based on n-Si(111)/TiO <sub>2</sub> Nanorod Array Heterojunction. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1400-1410	15.6	49
111	A novel and facile synthesis of porous SiO <sub>2</sub> -coated ultrasmall Se particles as a drug delivery nanoplatform for efficient synergistic treatment of cancer cells. <i>Nanoscale</i> , <b>2016</b> , 8, 8536-41	7.7	39
110	Polypyrrole-encapsulated iron tungstate nanocomposites: a versatile platform for multimodal tumor imaging and photothermal therapy. <i>Nanoscale</i> , <b>2016</b> , 8, 12917-28	7.7	23
109	Hydrophilic bismuth sulfur nanoflower superstructures with an improved photothermal efficiency for ablation of cancer cells. <i>Nano Research</i> , <b>2016</b> , 9, 1934-1947	10	62
108	One pot synthesis of nickel foam supported self-assembly of NiWO <sub>4</sub> and CoWO <sub>4</sub> nanostructures that act as high performance electrochemical capacitor electrodes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 14272-14278	13	119
107	Gold nanorods as a theranostic platform for in vitro and in vivo imaging and photothermal therapy of inflammatory macrophages. <i>Nanoscale</i> , <b>2015</b> , 7, 13991-4001	7.7	88
106	Three-dimensional-networked NiCo <sub>2</sub> S <sub>4</sub> nanosheet array/carbon cloth anodes for high-performance lithium-ion batteries. <i>NPG Asia Materials</i> , <b>2015</b> , 7, e195-e195	10.3	147
105	CuS@mSiO <sub>2</sub> -PEG core-shell nanoparticles as a NIR light responsive drug delivery nanoplatform for efficient chemo-photothermal therapy. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10343-51	4.3	64
104	Na <sub>0.3</sub> WO <sub>3</sub> nanorods: a multifunctional agent for in vivo dual-model imaging and photothermal therapy of cancer cells. <i>Dalton Transactions</i> , <b>2015</b> , 44, 2771-9	4.3	22
103	An effective approach to reduce inflammation and stenosis in carotid artery: polypyrrole nanoparticle-based photothermal therapy. <i>Nanoscale</i> , <b>2015</b> , 7, 7682-91	7.7	22
102	Heterostructures of CuS nanoparticle/ZnO nanorod arrays on carbon fibers with improved visible and solar light photocatalytic properties. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 7304-7313	13	78
101	Design and synthesis of 3D hierarchical NiCo <sub>2</sub> S <sub>4</sub> @MnO <sub>2</sub> core-shell nanosheet arrays for high-performance pseudocapacitors. <i>RSC Advances</i> , <b>2015</b> , 5, 44642-44647	3.7	52
100	Highly ordered mesoporous NiCo <sub>2</sub> O <sub>4</sub> with superior pseudocapacitance performance for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 11503-11510	13	26
99	Mechanism analysis of the capacitance contributions and ultralong cycling-stability of the isomorphous MnO <sub>2</sub> @MnO <sub>2</sub> core/shell nanostructures for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 6168-6176	13	103
98	Molten Au/Ge alloy migration in Ge nanowires. <i>Nano Letters</i> , <b>2015</b> , 15, 2809-16	11.5	11
97	Growth of TiO <sub>2</sub> nanorod bundles on carbon fibers as flexible and weaveable photocatalyst/photoelectrode. <i>RSC Advances</i> , <b>2015</b> , 5, 102868-102876	3.7	23

96	Three-dimensional networked NiCo <sub>2</sub> O <sub>4</sub> /MnO <sub>2</sub> branched nanowire heterostructure arrays on nickel foam with enhanced supercapacitor performance. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 1717-1723	13	76
95	Facile synthesis of 3D flower-like porous NiO architectures with an excellent capacitance performance. <i>RSC Advances</i> , <b>2015</b> , 5, 47506-47510	3-7	35
94	Hydrous RuO <sub>2</sub> nanoparticles as an efficient NIR-light induced photothermal agent for ablation of cancer cells in vitro and in vivo. <i>Nanoscale</i> , <b>2015</b> , 7, 11962-70	7-7	41
93	Dendritic heterojunction nanowire arrays for high-performance supercapacitors. <i>Scientific Reports</i> , <b>2015</b> , 5, 7862	4-9	76
92	Ethanol gas sensor based on a self-supporting hierarchical SnO <sub>2</sub> nanorods array. <i>CrystEngComm</i> , <b>2015</b> , 17, 1800-1804	3-3	12
91	Photothermal theragnosis synergistic therapy based on bimetal sulphide nanocrystals rather than nanocomposites. <i>Advanced Materials</i> , <b>2015</b> , 27, 1339-45	24	123
90	Ta <sub>3</sub> N <sub>5</sub> -Pt nonwoven cloth with hierarchical nanopores as efficient and easily recyclable macroscale photocatalysts. <i>Scientific Reports</i> , <b>2014</b> , 4, 3978	4-9	49
89	Facile synthesis of hydrophilic polypyrrole nanoparticles for photothermal cancer therapy. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 3484-3490	4-3	29
88	Hierarchical mesoporous NiCo <sub>2</sub> O <sub>4</sub> @MnO <sub>2</sub> core-shell nanowire arrays on nickel foam for aqueous asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 4795	13	315
87	Cu <sub>7</sub> .2S <sub>4</sub> nanocrystals: a novel photothermal agent with a 56.7% photothermal conversion efficiency for photothermal therapy of cancer cells. <i>Nanoscale</i> , <b>2014</b> , 6, 3274-82	7-7	198
86	Cu <sub>2</sub> Se@mSiO <sub>2</sub> -PEG core-shell nanoparticles: a low-toxic and efficient difunctional nanoplatform for chemo-photothermal therapy under near infrared light radiation with a safe power density. <i>Nanoscale</i> , <b>2014</b> , 6, 4361-70	7-7	68
85	CoMoO <sub>4</sub> ·9H <sub>2</sub> O nanorods grown on reduced graphene oxide as advanced electrochemical pseudocapacitor materials. <i>RSC Advances</i> , <b>2014</b> , 4, 34307	3-7	43
84	Self-assembled WO <sub>3</sub> -x hierarchical nanostructures for photothermal therapy with a 915 nm laser rather than the common 980 nm laser. <i>Dalton Transactions</i> , <b>2014</b> , 43, 6244-50	4-3	55
83	Design and synthesis of 3D interconnected mesoporous NiCo <sub>2</sub> O <sub>4</sub> @Co <sub>x</sub> Ni <sub>1-x</sub> (OH) <sub>2</sub> core-shell nanosheet arrays with large areal capacitance and high rate performance for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 10090	13	146
82	Sponge-like NiCo <sub>2</sub> O <sub>4</sub> /MnO <sub>2</sub> ultrathin nanoflakes for supercapacitor with high-rate performance and ultra-long cycle life. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 7738-7741	13	54
81	Effect of temperature on the performance of ultrafine MnO <sub>2</sub> nanobelt supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 1443-1447	13	94
80	Magnetic-field-assisted hydrothermal synthesis of 2D tunnels of MnO <sub>2</sub> nanostructures with enhanced supercapacitor performance. <i>CrystEngComm</i> , <b>2014</b> , 16, 9987-9991	3-3	24
79	MnMoO <sub>4</sub> ·4H <sub>2</sub> O nanoplates grown on a Ni foam substrate for excellent electrochemical properties. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 20723-20728	13	94

78	Hydrothermal control growth of Zn <sub>2</sub> GeO <sub>4</sub> @triethylenetriamine 3D dumbbell-like nanobundles. <i>CrystEngComm</i> , <b>2014</b> , 16, 3222	3-3	16
77	Understanding the effect of polypyrrole and poly(3,4-ethylenedioxythiophene) on enhancing the supercapacitor performance of NiCo <sub>2</sub> O <sub>4</sub> electrodes. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 16731-16739	1-3	58
76	Synthesis of Cu <sub>2</sub> ZnSnS <sub>4</sub> film by air-stable molecular-precursor ink for constructing thin film solar cells. <i>RSC Advances</i> , <b>2014</b> , 4, 36046	3-7	8
75	NiCo <sub>2</sub> O <sub>4</sub> Nanostructures as a Promising Alternative for NiO Photocathodes in p-Type Dye-Sensitized Solar Cells with High Efficiency. <i>Energy Technology</i> , <b>2014</b> , 2, 517-521	3-5	28
74	Folic acid-conjugated hollow mesoporous silica/CuS nanocomposites as a difunctional nanoplatform for targeted chemo-photothermal therapy of cancer cells. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 5358-5367	7-3	80
73	A Novel Photothermal Nanocrystals of Cu <sub>7</sub> S <sub>4</sub> Hollow Structure for Efficient Ablation of Cancer Cells. <i>Nano-Micro Letters</i> , <b>2014</b> , 6, 169-177	19-5	23
72	Hydrophilic molybdenum oxide nanomaterials with controlled morphology and strong plasmonic absorption for photothermal ablation of cancer cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 3915-22	9-5	141
71	Facile synthesis of biocompatible cysteine-coated CuS nanoparticles with high photothermal conversion efficiency for cancer therapy. <i>Dalton Transactions</i> , <b>2014</b> , 43, 11709-15	4-3	142
70	Exceptional pseudocapacitive properties of hierarchical NiO ultrafine nanowires grown on mesoporous NiO nanosheets. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 12799-12804	13	44
69	Facile synthesis of porous MnCo <sub>2</sub> O <sub>4.5</sub> hierarchical architectures for high-rate supercapacitors. <i>CrystEngComm</i> , <b>2014</b> , 16, 2335-2339	3-3	104
68	Cover Picture: MnO <sub>2</sub> Nanoflower Arrays with High Rate Capability for Flexible Supercapacitors (ChemElectroChem 6/2014. <i>ChemElectroChem</i> , <b>2014</b> , 1, 960-960	4-3	2
67	High detectivity solar-blind high-temperature deep-ultraviolet photodetector based on multi-layered (100) facet-oriented EGaIn nanobelts. <i>Small</i> , <b>2014</b> , 10, 1848-56	11	149
66	A facile approach for the synthesis of Cu <sub>2</sub> Se nanowires and their field emission properties. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 532-537	4-3	5
65	MnO <sub>2</sub> Nanoflower Arrays with High Rate Capability for Flexible Supercapacitors. <i>ChemElectroChem</i> , <b>2014</b> , 1, 1003-1008	4-3	43
64	One-pot morphology-controlled synthesis of various shaped mesoporous silica nanoparticles. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 5718-5726	4-3	40
63	Ni(OH) <sub>2</sub> /CoO/reduced graphene oxide composites with excellent electrochemical properties. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 478-481	13	66
62	Melting of metallic electrodes and their flowing through a carbon nanotube channel within a device. <i>Advanced Materials</i> , <b>2013</b> , 25, 2693-9	24	18
61	Carbon-coated mesoporous NiO nanoparticles as an electrode material for high performance electrochemical capacitors. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 4031	3-6	39



60	Surface decoration of Bi <sub>2</sub> WO <sub>6</sub> superstructures with Bi <sub>2</sub> O <sub>3</sub> nanoparticles: an efficient method to improve visible-light-driven photocatalytic activity. <i>CrystEngComm</i> , <b>2013</b> , 15, 9011	3.3	67
59	Ultrathin PEGylated W18O <sub>49</sub> nanowires as a new 980 nm-laser-driven photothermal agent for efficient ablation of cancer cells in vivo. <i>Advanced Materials</i> , <b>2013</b> , 25, 2095-100	24	325
58	Sub-10 nm Fe <sub>3</sub> O <sub>4</sub> @Cu(2-x)S core-shell nanoparticles for dual-modal imaging and photothermal therapy. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 8571-7	16.4	510
57	ZnO nanorods on reduced graphene sheets with excellent field emission, gas sensor and photocatalytic properties. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 8445	13	181
56	Chain-like NiCo <sub>2</sub> O <sub>4</sub> nanowires with different exposed reactive planes for high-performance supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 8560	13	217
55	Self-assembling hybrid NiO/Co <sub>3</sub> O <sub>4</sub> ultrathin and mesoporous nanosheets into flower-like architectures for pseudocapacitance. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 9107	13	91
54	Arbitrary multicolor photodetection by hetero-integrated semiconductor nanostructures. <i>Scientific Reports</i> , <b>2013</b> , 3, 2368	4.9	37
53	Nanocomposites: A Low-Toxic Multifunctional Nanoplatfom Based on Cu <sub>9</sub> S <sub>5</sub> @mSiO <sub>2</sub> Core-Shell Nanocomposites: Combining Photothermal- and Chemotherapies with Infrared Thermal Imaging for Cancer Treatment (Adv. Funct. Mater. 35/2013). <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 4280-4280	15.6	7
52	A Low-Toxic Multifunctional Nanoplatfom Based on Cu <sub>9</sub> S <sub>5</sub> @mSiO <sub>2</sub> Core-Shell Nanocomposites: Combining Photothermal- and Chemotherapies with Infrared Thermal Imaging for Cancer Treatment. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 4281-4292	15.6	192
51	Construction of 980 nm laser-driven dye-sensitized photovoltaic cell with excellent performance for powering nanobiodevices implanted under the skin. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 18156		26
50	Heterostructures of vertical, aligned and dense SnO <sub>2</sub> nanorods on graphene sheets: in situ TEM measured mechanical, electrical and field emission properties. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 19196		29
49	MnO <sub>2</sub> ultralong nanowires with better electrical conductivity and enhanced supercapacitor performances. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 14864		87
48	Hydrophilic Cu <sub>2</sub> ZnSnS <sub>4</sub> nanocrystals for printing flexible, low-cost and environmentally friendly solar cells. <i>CrystEngComm</i> , <b>2012</b> , 14, 3847	3.3	114
47	In situ preparation of CuInS <sub>2</sub> films on a flexible copper foil and their application in thin film solar cells. <i>CrystEngComm</i> , <b>2012</b> , 14, 1825	3.3	30
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45	A simple transformation from silica core-shell-shell to yolk-shell nanostructures: a useful platform for effective cell imaging and drug delivery. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17011		33
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41	SnO <sub>2</sub> nanoribbons: excellent field-emitters. <i>CrystEngComm</i> , <b>2011</b> , 13, 2289	3.3	20
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26	New nanowire heterostructures: SnO <sub>2</sub> nanowires epitaxial growth on Si bicrystalline nanowires. <i>CrystEngComm</i> , <b>2010</b> , 12, 89-93	3.3	13
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16	Large scaled hexagonal prismatic sub-micro sized Mg crystals by a vapor-liquid-solid process. <i>Chemical Communications</i> , <b>2009</b> , 4503-5	5.8	3
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13	Nanofabrication on ZnO nanowires. <i>Applied Physics Letters</i> , <b>2006</b> , 89, 243111	3.4	23
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11	Sn-catalyzed thermal evaporation synthesis of tetrapod-branched ZnSe nanorod architectures. <i>Small</i> , <b>2005</b> , 1, 95-9	11	76
10	Fabrication of metal-semiconductor nanowire heterojunctions. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 2140-4	16.4	52
9	Temperature-dependent growth of germanium oxide and silicon oxide based nanostructures, aligned silicon oxide nanowire assemblies, and silicon oxide microtubes. <i>Small</i> , <b>2005</b> , 1, 429-38	11	50
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