

List of Publications by Citations

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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	9,012 citations	49 h-index	91 g-index
162 ext. papers	10,080 ext. citations	8.7 avg, IF	6 L-index

#	Paper	IF	Citations
159	Hydrophilic Cu <sub>9</sub> S <sub>5</sub> nanocrystals: a photothermal agent with a 25.7% heat conversion efficiency for photothermal ablation of cancer cells in vivo. <i>ACS Nano</i> , <b>2011</b> , 5, 9761-71	16.7	940
158	Hydrophilic flower-like CuS superstructures as an efficient 980 nm laser-driven photothermal agent for ablation of cancer cells. <i>Advanced Materials</i> , <b>2011</b> , 23, 3542-7	24	654
157	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
156	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
155	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
154	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
153	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
152	A Low-Toxic Multifunctional Nanoplatfrom 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
151	Highly aligned SnO <sub>2</sub> nanorods on graphene sheets for gas sensors. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 17360		187
150	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
149	S, N-Co-Doped Graphene-Nickel Cobalt Sulfide Aerogel: Improved Energy Storage and Electrocatalytic Performance. <i>Advanced Science</i> , <b>2017</b> , 4, 1600214	13.6	169
148	High detectivity solar-blind high-temperature deep-ultraviolet photodetector based on multi-layered (100) facet-oriented Ga <sub>2</sub> O <sub>3</sub> nanobelts. <i>Small</i> , <b>2014</b> , 10, 1848-56	11	149
147	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
146	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
145	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
144	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
143	Photothermal theragnosis synergistic therapy based on bimetal sulphide nanocrystals rather than nanocomposites. <i>Advanced Materials</i> , <b>2015</b> , 27, 1339-45	24	123

142	MoO <sub>3</sub> /PANI coaxial heterostructure nanobelts by in situ polymerization for high performance supercapacitors. <i>Nano Energy</i> , <b>2014</b> , 7, 72-79	17.1	119
141	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
140	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
139	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
138	Hierarchical heterostructures of MnO <sub>2</sub> nanosheets or nanorods grown on Au-coated Co <sub>3</sub> O <sub>4</sub> porous nanowalls for high-performance pseudocapacitance. <i>Nanoscale</i> , <b>2013</b> , 5, 2901-8	7.7	102
137	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
136	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
135	Layer-stacked cobalt ferrite (CoFe <sub>2</sub> O <sub>4</sub> ) mesoporous platelets for high-performance lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 6990-6997	13	91
134	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
133	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
132	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
131	Intercalation of Glucose in NiMn-Layered Double Hydroxide Nanosheets: an Effective Path Way towards Battery-type Electrodes with Enhanced Performance. <i>Electrochimica Acta</i> , <b>2016</b> , 216, 35-43	6.7	80
130	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
129	3D core/shell hierarchies of MnOOH ultrathin nanosheets grown on NiO nanosheet arrays for high-performance supercapacitors. <i>Nano Energy</i> , <b>2014</b> , 4, 56-64	17.1	76
128	Dendritic heterojunction nanowire arrays for high-performance supercapacitors. <i>Scientific Reports</i> , <b>2015</b> , 5, 7862	4.9	76
127	Phase-controlled synthesis and gas-sensing properties of zinc stannate (ZnSnO <sub>3</sub> and Zn <sub>2</sub> SnO <sub>4</sub> ) faceted solid and hollow microcrystals. <i>CrystEngComm</i> , <b>2012</b> , 14, 2172	3.3	76
126	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
125	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

124	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
123	CuS@mSiO <sub>2</sub> -PEG core-shell nanoparticles as a NIR light responsive drug delivery nanoplatfrom for efficient chemo-photothermal therapy. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10343-51	4.3	64
122	A general approach for the growth of metal oxide nanorod arrays on graphene sheets and their applications. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 13912-7	4.8	62
121	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
120	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	13.9	58
119	Facile synthesis of maguey-like CuCo <sub>2</sub> O <sub>4</sub> nanowires with high areal capacitance for supercapacitors. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 695, 3503-3510	5.7	56
118	One-dimensional nanomaterial-assembled macroscopic membranes for water treatment. <i>Nano Today</i> , <b>2017</b> , 17, 79-95	17.9	56
117	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
116	"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
115	Electrochemical Energy Storage Application and Degradation Analysis of Carbon-Coated Hierarchical NiCo <sub>2</sub> S <sub>4</sub> Core-Shell Nanowire Arrays Grown Directly on Graphene/Nickel Foam. <i>Scientific Reports</i> , <b>2016</b> , 6, 20264	4.9	54
114	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
113	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
112	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
111	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
110	Nanostructured porous manganese carbonate spheres with capacitive effects on the high lithium storage capability. <i>Nanoscale</i> , <b>2015</b> , 7, 10146-51	7.7	48
109	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
108	Lightly doped single crystalline porous Si nanowires with improved optical and electrical properties. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 801-805		46
107	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

106	Enhanced UV-visible light photodetectors with a TiO <sub>2</sub> /Si heterojunction using band engineering. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 12848-12856	7.1	44
105	A Zn <sub>2</sub> GeO <sub>4</sub> -ethylenediamine hybrid nanoribbon membrane as a recyclable adsorbent for the highly efficient removal of heavy metals from contaminated water. <i>Chemical Communications</i> , <b>2011</b> , 47, 10719-21	5.8	44
104	CoMoO <sub>4</sub> ·0.9H <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
103	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
102	Self-standing electrodes with core-shell structures for high-performance supercapacitors. <i>Energy Storage Materials</i> , <b>2017</b> , 9, 119-125	19.4	42
101	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
100	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
99	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
98	Controllable hydrothermal synthesis, growth mechanism, and properties of ZnO three-dimensional structures. <i>New Journal of Chemistry</i> , <b>2010</b> , 34, 732	3.6	39
97	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
96	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
95	Boosting the interface reaction activity and kinetics of cobalt molybdate by phosphating treatment for aqueous zinc-ion batteries with high energy density and long cycle life. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 21044-21052	13	38
94	Arbitrary multicolor photodetection by hetero-integrated semiconductor nanostructures. <i>Scientific Reports</i> , <b>2013</b> , 3, 2368	4.9	37
93	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
92	Large-scaled star-shaped MnS nanocrystals with novel magnetic properties. <i>Chemical Communications</i> , <b>2011</b> , 47, 8100-2	5.8	35
91	CuCoS nanocrystals: a new platform for multimodal imaging guided photothermal therapy. <i>Nanoscale</i> , <b>2017</b> , 9, 2626-2632	7.7	33
90	A simple transformation from silica core-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
89	Carbon nanotubes as field emitter. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 7876-96	1.3	33

88	One-step aqueous solution synthesis of Ge nanocrystals from GeO <sub>2</sub> powders. <i>CrystEngComm</i> , <b>2011</b> , 13, 3674	3.3	33
87	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
86	Morphology-selective synthesis and wettability properties of well-aligned Cu <sub>2</sub> -xSe nanostructures on a copper substrate. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 3053		29
85	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
84	Synthesis and photocatalytic properties of different SnO <sub>2</sub> microspheres on graphene oxide sheets. <i>Applied Surface Science</i> , <b>2016</b> , 376, 172-179	6.7	28
83	Graphene-Like Carbon Film Wrapped Tin (II) Sulfide Nanosheet Arrays on Porous Carbon Fibers with Enhanced Electrochemical Kinetics as High-Performance Li and Na Ion Battery Anodes. <i>Advanced Science</i> , <b>2020</b> , 7, 1903045	13.6	27
82	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
81	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
80	Stabilizing Lithium-Sulfur Batteries through Control of Sulfur Aggregation and Polysulfide Dissolution. <i>Small</i> , <b>2018</b> , 14, e1703816	11	25
79	SnS nanosheets for efficient photothermal therapy. <i>New Journal of Chemistry</i> , <b>2016</b> , 40, 4464-4467	3.6	24
78	Hierarchical core/shell structures of ZnO nanorod@CoMoO <sub>4</sub> nanoplates used as a high-performance electrode for supercapacitors. <i>RSC Advances</i> , <b>2016</b> , 6, 3020-3024	3.7	24
77	NiO/MnO <sub>2</sub> core/shell nanocomposites for high-performance pseudocapacitors. <i>Materials Letters</i> , <b>2014</b> , 114, 40-43	3.3	24
76	Phase and luminescent intensity control of hydrophilic rare-earth up-converting nanophosphors prepared by one-pot solvothermal synthesis. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 6539-6544	5.7	24
75	Nanowires sheathed inside nanotubes: Manipulation, properties and applications. <i>Progress in Materials Science</i> , <b>2015</b> , 70, 1-49	42.2	23
74	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
73	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
72	Na <sub>0.3</sub> WO <sub>3</sub> nanorods: a multifunctional agent for in vivo dual-modal imaging and photothermal therapy of cancer cells. <i>Dalton Transactions</i> , <b>2015</b> , 44, 2771-9	4.3	22
71	Fabrication of ZnO/CdS/Cu <sub>2</sub> ZnSnS <sub>4</sub> p-n heterostructure nanorod arrays via a solution-based route. <i>CrystEngComm</i> , <b>2013</b> , 15, 1139-1145	3.3	22

70	The study of morphology-controlled synthesis and the optical properties of CuSe nanoplates based on the hydrothermal method. <i>Materials Science in Semiconductor Processing</i> , <b>2018</b> , 79, 92-98	4.3	21
69	SnO <sub>2</sub> nanoribbons: excellent field-emitters. <i>CrystEngComm</i> , <b>2011</b> , 13, 2289	3.3	20
68	Recent Research on One-Dimensional Silicon-Based Semiconductor Nanomaterials: Synthesis, Structures, Properties and Applications. <i>Critical Reviews in Solid State and Materials Sciences</i> , <b>2011</b> , 36, 148-173	10.1	20
67	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
66	A Targeted Functional Design for Highly Efficient and Stable Cathodes for Rechargeable Li-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1604903	15.6	19
65	A method for joining individual graphene sheets. <i>Carbon</i> , <b>2012</b> , 50, 4965-4972	10.4	19
64	Biodegradable hollow manganese/cobalt oxide nanoparticles for tumor theranostics. <i>Nanoscale</i> , <b>2019</b> , 11, 23021-23026	7.7	19
63	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
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	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
60	Synthesis and characterization of ZnSe rose-like nanoflowers and microspheres by the hydrothermal method. <i>Ceramics International</i> , <b>2014</b> , 40, 2847-2852	5.1	17
59	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
58	Hydrothermal control growth of Zn <sub>2</sub> GeO <sub>4</sub> ⋅3diethylenetriamine 3D dumbbell-like nanobundles. <i>CrystEngComm</i> , <b>2014</b> , 16, 3222	3.3	16
57	High-detectivity nanowire photodetectors governed by bulk photocurrent dynamics with thermally stable carbide contacts. <i>Nanotechnology</i> , <b>2013</b> , 24, 495701	3.4	15
56	Hydrothermal synthesis, growth mechanism, and properties of three-dimensional micro/nanoscaled hierarchical architecture films of hemimorphite zinc silicate. <i>CrystEngComm</i> , <b>2011</b> , 13, 2273	3.3	15
55	UV and visible light synergetic photodegradation using rutile TiO <sub>2</sub> nanorod arrays based on a p-n Junction. <i>Dalton Transactions</i> , <b>2017</b> , 46, 4296-4302	4.3	14
54	Synthesis of grass-like SnO <sub>2</sub> nanostructures on graphene oxide and their excellent field emission properties. <i>Materials Letters</i> , <b>2015</b> , 158, 322-324	3.3	14
53	A controllable hydrothermal synthesis of uniform three-dimensional hierarchical microstructured ZnO films. <i>CrystEngComm</i> , <b>2011</b> , 13, 6107	3.3	14

52	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
51	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
50	Oriented free-standing ammonium vanadium oxide nanobelt membranes: highly selective absorbent materials. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 14307-12	4.8	13
49	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
48	ZnO/Bi side-to-side biaxial nanowire heterostructures with improved luminescence. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 7011		12
47	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
46	Molten Au/Ge alloy migration in Ge nanowires. <i>Nano Letters</i> , <b>2015</b> , 15, 2809-16	11.5	11
45	Cactus-like and honeycomb-like zinc selenide microspheres on graphene oxide sheets with excellent optical properties. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 430, 116-20	9.3	11
44	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
43	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
42	ZnSe-Based Longitudinal Twinning Nanowires. <i>Advanced Engineering Materials</i> , <b>2014</b> , 16, 459-465	3.5	10
41	A mobile Sn nanowire inside a EGa <sub>2</sub> O <sub>3</sub> tube: a practical nanoscale electrically/thermally driven switch. <i>Small</i> , <b>2011</b> , 7, 3377-84	11	10
40	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
39	Dandelion-like SnO <sub>2</sub> microspheres on graphene oxide sheets with excellent photocatalytic properties. <i>Materials Letters</i> , <b>2015</b> , 159, 489-492	3.3	9
38	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
37	Uniform ZnSe microspheres self-assembled from ZnSe polyhedron shaped nanocrystals. <i>CrystEngComm</i> , <b>2011</b> , 13, 1518-1524	3.3	9
36	Enhancing the Electrochemical Performance of Sodium-Ion Batteries by Building Optimized NiS /NiSe Heterostructures. <i>Small</i> , <b>2021</b> , 17, e2104186	11	9
35	Preparation, characterization and photocatalytic activity of juglans-like indium oxide (In <sub>2</sub> O <sub>3</sub> ) nanospheres. <i>Materials Letters</i> , <b>2017</b> , 192, 76-79	3.3	8

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31	Morphology-controlled synthesis of grass-like GO-CdSe nanocomposites with excellent optical properties and field emission properties. <i>Journal of Solid State Chemistry</i> , <b>2016</b> , 234, 63-71	3.3	7
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25	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
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21	Morphology-controlled synthesis of CdSe microspheres on graphene oxide sheets and their photocatalytic properties. <i>Ceramics International</i> , <b>2016</b> , 42, 18264-18270	5.1	5
20	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
19	Facile Synthesis and Characterization of GO/ZnS Nanocomposite with Highly Efficient Photocatalytic Activity. <i>Electronic Materials Letters</i> , <b>2018</b> , 14, 739-748	2.9	4
18	High-precision, large-domain three-dimensional manipulation of nano-materials for fabrication nanodevices. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 473	5	4
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15	Controllable fabrication and field emission properties of cactus-like Cu <sub>2</sub> -xSe@Cu <sub>2</sub> -xSe nanowalls via the vertical secondary growth. <i>Materials Science in Semiconductor Processing</i> , <b>2019</b> , 100, 310-318	4.3	3
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9	A simple method for preparing a TiO <sub>2</sub> -based back-gate controlled N-channel MSM/GFET UV photodetector. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 1781-1787	7.1	3
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7	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
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5	Enhanced reversible sodium storage by thin carbon layer encapsulated MoS <sub>2</sub> nanospheres on interwoven carbon nanotubes. <i>Solid State Ionics</i> , <b>2021</b> , 359, 115522	3.3	2
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3	Engineering oxygen vacancies and surface chemical reconstruction of MOF-derived hierarchical CoO/NiP-CoP nanosheet arrays for advanced aqueous zinc-ion batteries. <i>Dalton Transactions</i> , <b>2021</b> , 50, 17538-17548	4.3	1
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1	CoSe particles encapsulated in the inner wall of nitrogen-doped carbon matrix nanotubes with rational interfacial bonds for high-performance lithium-ion batteries. <i>Dalton Transactions</i> , <b>2021</b> , 50, 11458-11465	4.3	0