

Xiao Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/714907/publications.pdf>

Version: 2024-02-01

156
papers

10,661
citations

23567

58
h-index

34986

98
g-index

156
all docs

156
docs citations

156
times ranked

14012
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory-Driven Design of Electrocatalysts for the Two-Electron Oxygen Reduction Reaction Based on Dispersed Metal Phthalocyanines. <i>CCS Chemistry</i> , 2022, 4, 228-236.	7.8	24
2	Combination of chemotherapy and photothermal methods for in vitro ablation of MCF-7 cancer cells using crinkly core-shell structure MoS ₂ /C@SiO ₂ nanospheres. <i>Advanced Powder Technology</i> , 2022, 33, 103388.	4.1	3
3	Tumor-Tropic Adipose-Derived Mesenchymal Stromal Cell Mediated Bi ₂ Se ₃ Nanoradiosensitizers Delivery for Targeted Radiotherapy of Non-Small Cell Lung Cancer. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200143.	7.6	18
4	Electrodeposition of Co ₄ S ₃ on NiCo LDH nanosheet arrays for advanced hydrogen evolution. <i>Materials Letters</i> , 2021, 285, 129057.	2.6	9
5	Selective and High Current CO ₂ Electro-Reduction to Multicarbon Products in Near-Neutral KCl Electrolytes. <i>Journal of the American Chemical Society</i> , 2021, 143, 3245-3255.	13.7	108
6	Coupled Co and Ir nanocrystals on graphite as pH-wide and efficient electrocatalyst for hydrogen evolution. <i>Surfaces and Interfaces</i> , 2021, 24, 101049.	3.0	3
7	Full Solar-Spectrum-Driven Antibacterial Therapy over Hierarchical Sn ₃ O ₄ /PDINH with Enhanced Photocatalytic Activity. <i>Small</i> , 2021, 17, e2102744.	10.0	64
8	Heterogeneous Co@CoO composited P, N co-doped carbon nanofibers on carbon cloth as pH-tolerant electrocatalyst for efficient oxygen evolution. <i>Journal of Alloys and Compounds</i> , 2021, 877, 160279.	5.5	16
9	Synergistic effect between sulfur and CoFe alloys embedded in N-doped carbon nanosheets for efficient hydrogen evolution under neutral condition. <i>Chemical Engineering Journal</i> , 2021, 426, 131922.	12.7	16
10	Accelerated identification of high-performance catalysts for low-temperature NH ₃ -SCR by machine learning. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23850-23859.	10.3	19
11	Graphene layer encapsulated MoNi ₄ -NiMoO ₄ for electrocatalytic water splitting. <i>Applied Surface Science</i> , 2020, 504, 144390.	6.1	29
12	5,10,15,20-Tetrakis(4-carboxylphenyl)porphyrin modified nickel-cobalt layer double hydroxide nanosheets as enhanced photoelectrocatalysts for methanol oxidation under visible-light. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 881-889.	9.4	28
13	The photothermal and adsorption properties of different surfactant-modified caesium tungsten bronze. <i>Materials Technology</i> , 2020, , 1-11.	3.0	2
14	Stimuli-Responsive Small-on-Large Nanoradiosensitizer for Enhanced Tumor Penetration and Radiotherapy Sensitization. <i>ACS Nano</i> , 2020, 14, 10001-10017.	14.6	93
15	Molecular engineering of dispersed nickel phthalocyanines on carbon nanotubes for selective CO ₂ reduction. <i>Nature Energy</i> , 2020, 5, 684-692.	39.5	365
16	Defect-Rich Adhesive Molybdenum Disulfide/rGO Vertical Heterostructures with Enhanced Nanozyme Activity for Smart Bacterial Killing Application. <i>Advanced Materials</i> , 2020, 32, e2005423.	21.0	207
17	Liposomal Delivery of Mitoxantrone and a Cholesteryl Indoximod Prodrug Provides Effective Chemo-immunotherapy in Multiple Solid Tumors. <i>ACS Nano</i> , 2020, 14, 13343-13366.	14.6	91
18	Non-Thermal Plasma-Modified Ru-Sn-Ti Catalyst for Chlorinated Volatile Organic Compound Degradation. <i>Catalysts</i> , 2020, 10, 1456.	3.5	3

#	ARTICLE	IF	CITATIONS
19	Porphyrin-Modified Cobalt Sulfide as a Developed Noble Metal-free Photoelectrocatalyst toward Methanol Oxidation under Visible Light. <i>Journal of Physical Chemistry C</i> , 2020, 124, 26678-26687.	3.1	8
20	Few-Layer Bismuthene for Checkpoint Knockdown Enhanced Cancer Immunotherapy with Rapid Clearance and Sequentially Triggered One-for-All Strategy. <i>ACS Nano</i> , 2020, 14, 15700-15713.	14.6	41
21	MoS ₂ @C nanosphere as near infrared / pH dual response platform for chemical photothermal combination treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111054.	5.0	16
22	A two-step gas/liquid strategy for the production of N-doped defect-rich transition metal dichalcogenide nanosheets and their antibacterial applications. <i>Nanoscale</i> , 2020, 12, 8415-8424.	5.6	43
23	Graphdiyne nanoradioprotector with efficient free radical scavenging ability for mitigating radiation-induced gastrointestinal tract damage. <i>Biomaterials</i> , 2020, 244, 119940.	11.4	58
24	Organic-Inorganic Composite Nanorods as an Excellent Mimicking Peroxidases for Colorimetric Detection and Evaluation of Antioxidant. <i>ACS Applied Bio Materials</i> , 2020, 3, 2499-2506.	4.6	10
25	Rapid colorimetric sensing of ascorbic acid based on the excellent peroxidase-like activity of Pt deposited on ZnCo ₂ O ₄ spheres. <i>New Journal of Chemistry</i> , 2020, 44, 12002-12008.	2.8	18
26	Metal Phthalocyanine-Derived Single-Atom Catalysts for Selective CO ₂ Electroreduction under High Current Densities. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 33795-33802.	8.0	35
27	Facile fabrication of a NiO/Ag ₃ PO ₄ Z-scheme photocatalyst with enhanced visible-light-driven photocatalytic activity. <i>New Journal of Chemistry</i> , 2020, 44, 12806-12814.	2.8	27
28	Ruthenium doped Ni ₂ P nanosheet arrays for active hydrogen evolution in neutral and alkaline water. <i>Sustainable Energy and Fuels</i> , 2020, 4, 1883-1890.	4.9	11
29	Liquid-Phase Exfoliation and Functionalization of MoS ₂ Nanosheets for Effective Antibacterial Application. <i>ChemBioChem</i> , 2020, 21, 2373-2380.	2.6	31
30	Electroreduction of CO ₂ to Formate on a Copper-Based Electrocatalyst at High Pressures with High Energy Conversion Efficiency. <i>Journal of the American Chemical Society</i> , 2020, 142, 7276-7282.	13.7	165
31	Glucose-responsive cascaded nanocatalytic reactor with self-modulation of the tumor microenvironment for enhanced chemo-catalytic therapy. <i>Materials Horizons</i> , 2020, 7, 1834-1844.	12.2	56
32	Hierarchical Ni(OH) ₂ /MnO ₂ Array as Supercapacitor Electrode with High Capacity. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801470.	3.7	23
33	Porphyrin functionalized Co(OH) ₂ /GO nanocomposites as an excellent peroxidase mimic for colorimetric biosensing. <i>Analyst</i> , 2019, 144, 5284-5291.	3.5	45
34	Si Doped CoO Nanorods as Peroxidase Mimics for Colorimetric Sensing of Reduced Glutathione. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13989-13998.	6.7	75
35	Diameter dependent doping in horizontally aligned high-density N-doped SWNT arrays. <i>Nano Research</i> , 2019, 12, 1845-1850.	10.4	4
36	Ultrafine cobalt-ruthenium alloy on nitrogen and phosphorus co-doped graphene for electrocatalytic water splitting. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 104, 75-81.	5.3	12

#	ARTICLE	IF	CITATIONS
37	Cerium and nitrogen doped CoP nanorod arrays for hydrogen evolution in all pH conditions. <i>Sustainable Energy and Fuels</i> , 2019, 3, 3344-3351.	4.9	9
38	CoFeP hollow cube as advanced electrocatalyst for water oxidation. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 604-611.	6.0	61
39	Revealing the hidden performance of metal phthalocyanines for CO ₂ reduction electrocatalysis by hybridization with carbon nanotubes. <i>Nano Research</i> , 2019, 12, 2330-2334.	10.4	72
40	An All-Organic Semiconductor C ₃ N ₄ /PDINH Heterostructure with Advanced Antibacterial Photocatalytic Therapy Activity. <i>Advanced Materials</i> , 2019, 31, e1901965.	21.0	215
41	Vanadium doping over Ni ₃ S ₂ nanosheet array for improved overall water splitting. <i>Applied Surface Science</i> , 2019, 489, 815-823.	6.1	50
42	MoS ₂ nanosheets decorated Ni(OH) ₂ nanorod array for active overall water splitting. <i>Journal of Alloys and Compounds</i> , 2019, 796, 86-92.	5.5	49
43	Engineering a High-Energy-Density and Long Lifespan Aqueous Zinc Battery via Ammonium Vanadium Bronze. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20796-20803.	8.0	75
44	Electrodepositing Pd on NiFe layered double hydroxide for improved water electrolysis. <i>Materials Chemistry Frontiers</i> , 2019, 3, 842-850.	5.9	40
45	Mass production of poly(ethylene glycol) monooleate-modified core-shell structured upconversion nanoparticles for bio-imaging and photodynamic therapy. <i>Scientific Reports</i> , 2019, 9, 5212.	3.3	20
46	Vanadium and nitrogen co-doped CoP nanoleaf array as pH-universal electrocatalyst for efficient hydrogen evolution. <i>Journal of Alloys and Compounds</i> , 2019, 791, 1070-1078.	5.5	50
47	Light-Induced Thermal Gradients in Ruthenium Catalysts Significantly Enhance Ammonia Production. <i>Nano Letters</i> , 2019, 19, 1706-1711.	9.1	86
48	Efficient Near Infrared Light Triggered Nitric Oxide Release Nanocomposites for Sensitizing Mild Photothermal Therapy. <i>Advanced Science</i> , 2019, 6, 1801122.	11.2	169
49	Translocation, biotransformation-related degradation, and toxicity assessment of polyvinylpyrrolidone-modified 2H-phase nano-MoS ₂ . <i>Nanoscale</i> , 2019, 11, 4767-4780.	5.6	47
50	Highly active oxygen evolution integrated with efficient CO ₂ to CO electroreduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23915-23922.	7.1	58
51	Interlayer-expanded VMo ₂ S ₄ nanosheets on RGO for high and fast lithium and sodium storage. <i>Journal of Alloys and Compounds</i> , 2019, 772, 178-185.	5.5	8
52	Ni-Co-B nanosheets coupled with reduced graphene oxide towards enhanced electrochemical oxygen evolution. <i>Journal of Alloys and Compounds</i> , 2019, 776, 511-518.	5.5	38
53	Efficient bifunctional vanadium-doped Ni ₃ S ₂ nanorod array for overall water splitting. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 443-450.	6.0	54
54	Plasmon-Enhanced Catalysis: Distinguishing Thermal and Nonthermal Effects. <i>Nano Letters</i> , 2018, 18, 1714-1723.	9.1	251

#	ARTICLE	IF	CITATIONS
55	Peroxidase-like activity of MoS ₂ nanoflakes with different modifications and their application for H ₂ O ₂ and glucose detection. <i>Journal of Materials Chemistry B</i> , 2018, 6, 487-498.	5.8	130
56	Intelligent MoS ₂ Nanotheranostic for Targeted and Enzyme-/pH-/NIR-Responsive Drug Delivery To Overcome Cancer Chemotherapy Resistance Guided by PET Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4271-4284.	8.0	137
57	Synthesis of well-dispersed Fe ₃ O ₄ nanoparticles loaded on montmorillonite and sensitive colorimetric detection of H ₂ O ₂ based on its peroxidase-like activity. <i>New Journal of Chemistry</i> , 2018, 42, 9578-9587.	2.8	65
58	A colorimetric sensor of H ₂ O ₂ based on Co ₃ O ₄ @montmorillonite nanocomposites with peroxidase activity. <i>New Journal of Chemistry</i> , 2018, 42, 1501-1509.	2.8	79
59	Biodegradable MoO _x nanoparticles with efficient near-infrared photothermal and photodynamic synergetic cancer therapy at the second biological window. <i>Nanoscale</i> , 2018, 10, 1517-1531.	5.6	144
60	Cobalt and nickel bimetallic sulfide nanoparticles immobilized on montmorillonite demonstrating peroxidase-like activity for H ₂ O ₂ detection. <i>New Journal of Chemistry</i> , 2018, 42, 18749-18758.	2.8	34
61	Role of Electric Field and Reactive Oxygen Species in Enhancing Antibacterial Activity: A Case Study of 3D Cu Foam Electrode with Branched CuO@ZnO NWs. <i>Journal of Physical Chemistry C</i> , 2018, 122, 26454-26463.	3.1	37
62	Bi ₂ S ₃ @Tween 20 Nanodots Loading PI3K Inhibitor, LY294002, for Mild Photothermal Therapy of LoVo Cells In Vitro and In Vivo. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800830.	7.6	32
63	Iron Doped CuSn(OH) ₆ Microspheres as a Peroxidase-Mimicking Artificial Enzyme for H ₂ O ₂ Colorimetric Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14383-14393.	6.7	103
64	Functionalized MoS ₂ Nanovehicle with Near-Infrared Laser-Mediated Nitric Oxide Release and Photothermal Activities for Advanced Bacteria-Infected Wound Therapy. <i>Small</i> , 2018, 14, e1802290.	10.0	259
65	X-Ray-Controlled Generation of Peroxynitrite Based on Nanosized LiLuF ₄ :Ce ³⁺ Scintillators and their Applications for Radiosensitization. <i>Advanced Materials</i> , 2018, 30, e1804046.	21.0	138
66	FeNi Cubic Cage@N-Doped Carbon Coupled with N-Doped Graphene toward Efficient Electrochemical Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 8266-8273.	6.7	68
67	Ni ₃ [Fe(CN) ₆] ₂ nanocubes boost the catalytic activity of Pt for electrochemical hydrogen evolution. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1683-1689.	6.0	23
68	Nickel iron boride nanosheets on rGO for active electrochemical water oxidation. <i>Journal of Solid State Chemistry</i> , 2018, 265, 135-139.	2.9	31
69	In Situ Growth of NiFe Alloy Nanoparticles Embedded into N-Doped Bamboo-like Carbon Nanotubes as a Bifunctional Electrocatalyst for Zn-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26178-26187.	8.0	94
70	Enhanced hydrogen evolution of MoS ₂ /RGO: vanadium, nitrogen dopants triggered new active sites and expanded interlayer. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2092-2099.	6.0	36
71	FePt nanoparticles-decorated graphene oxide nanosheets as enhanced peroxidase mimics for sensitive response to H ₂ O ₂ . <i>Materials Science and Engineering C</i> , 2018, 90, 610-620.	7.3	93
72	Synthesis of Surface-Modified Oriented Nanosized Molybdenum Disulfide with High Peroxidase-Like Catalytic Activity for H ₂ O ₂ and Cholesterol Detection. <i>Chemistry - A European Journal</i> , 2018, 24, 15868-15878.	3.3	33

#	ARTICLE	IF	CITATIONS
73	Product selectivity in plasmonic photocatalysis for carbon dioxide hydrogenation. <i>Nature Communications</i> , 2017, 8, 14542.	12.8	348
74	Protein-directed synthesis of Bi ₂ S ₃ nanoparticles as an efficient contrast agent for visualizing the gastrointestinal tract. <i>RSC Advances</i> , 2017, 7, 17505-17513.	3.6	15
75	Self-template synthesis of hierarchical CoMoS ₃ nanotubes constructed of ultrathin nanosheets for robust water electrolysis. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11309-11315.	10.3	86
76	Loading Pt Nanoparticles on Metal-Organic Frameworks for Improved Oxygen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11577-11583.	6.7	37
77	Functional tumor imaging based on inorganic nanomaterials. <i>Science China Chemistry</i> , 2017, 60, 1425-1438.	8.2	17
78	NiMoS ₃ Nanorods as pH-Tolerant Electrocatalyst for Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9006-9013.	6.7	43
79	Poly(Vinylpyrrolidone)-and Selenocysteine-Modified Bi ₂ Se ₃ Nanoparticles Enhance Radiotherapy Efficacy in Tumors and Promote Radioprotection in Normal Tissues. <i>Advanced Materials</i> , 2017, 29, 1701268.	21.0	171
80	Near infrared light triggered nitric oxide releasing platform based on upconversion nanoparticles for synergistic therapy of cancer stem-like cells. <i>Science Bulletin</i> , 2017, 62, 985-996.	9.0	45
81	Fabrication of Cu ₃ V ₂ O ₇ (OH) ₂ ·2H ₂ O nanoplates constructed flowers using Cu ₂ O cube as sacrificial template for good lithium storage. <i>Materials Letters</i> , 2017, 188, 291-295.	2.6	4
82	Pie-like free-standing paper of graphene paper@Fe ₃ O ₄ nanorod array@carbon as integrated anode for robust lithium storage. <i>Chemical Engineering Journal</i> , 2017, 309, 272-277.	12.7	27
83	Mesoporous Bamboo Charcoal Nanoparticles as a New Near-Infrared Responsive Drug Carrier for Imaging-Guided Chemotherapy/Photothermal Synergistic Therapy of Tumor. <i>Advanced Healthcare Materials</i> , 2016, 5, 1627-1637.	7.6	34
84	Sacrificial template formation of CoMoO ₄ hollow nanostructures constructed by ultrathin nanosheets for robust lithium storage. <i>RSC Advances</i> , 2016, 6, 51710-51715.	3.6	20
85	Multifunctional WS ₂ @Poly(ethylene imine) Nanoplatfoms for Imaging Guided Gene-Photothermal Synergistic Therapy of Cancer. <i>Advanced Healthcare Materials</i> , 2016, 5, 2776-2787.	7.6	86
86	3D architecture constructed by 2D SnS ₂ -graphene hybrids towards large and fast lithium storage. <i>Materials Letters</i> , 2016, 185, 311-314.	2.6	6
87	Effect of interlayer spacing on sodium ion insertion in nanostructured titanium hydrogenophosphates/carbon nanotube composites. <i>RSC Advances</i> , 2016, 6, 60015-60021.	3.6	3
88	Hybrid catalyst of MoS ₂ -CoMo ₂ S ₄ on graphene for robust electrochemical hydrogen evolution. <i>Fuel</i> , 2016, 184, 559-564.	6.4	40
89	Layered FeMo ₄ S ₆ nanosheets with robust lithium storage and electrochemical hydrogen evolution. <i>Materials Letters</i> , 2016, 183, 1-4.	2.6	23
90	Doping MoS ₂ with Graphene Quantum Dots: Structural and Electrical Engineering towards Enhanced Electrochemical Hydrogen Evolution. <i>Electrochimica Acta</i> , 2016, 211, 603-610.	5.2	72

#	ARTICLE	IF	CITATIONS
91	Selective synthesis of large diameter, highly conductive and high density single-walled carbon nanotubes by a thiophene-assisted chemical vapor deposition method on transparent substrates. <i>Nanoscale</i> , 2016, 8, 14156-14162.	5.6	15
92	Synthesis of 1D porous Fe ₂ O ₃ nanostructures using SiO ₂ scaffold towards good lithium storages. <i>Materials Letters</i> , 2016, 171, 125-128.	2.6	5
93	Aligned Single-Walled Carbon Nanotube Arrays from Rhodium Catalysts with Unexpected Diameter Uniformity Independent of the Catalyst Size and Growth Temperature. <i>Chemistry of Materials</i> , 2016, 28, 870-875.	6.7	20
94	Evaporation-induced self-assembly synthesis of mesoporous FeCo ₂ O ₄ octahedra with large and fast lithium storage properties. <i>Materials Letters</i> , 2016, 166, 1-4.	2.6	16
95	Rapid Degradation and High Renal Clearance of Cu ₃ BiS ₃ Nanodots for Efficient Cancer Diagnosis and Photothermal Therapy <i>in Vivo</i> . <i>ACS Nano</i> , 2016, 10, 4587-4598.	14.6	173
96	Nd ³⁺ sensitized dumbbell-like upconversion nanoparticles for photodynamic therapy application. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2776-2784.	5.8	57
97	Boosting the lithium storage performance of MoS ₂ with graphene quantum dots. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4783-4789.	10.3	100
98	Mesoporous CoFe ₂ O ₄ octahedra with high-capacity and long-life lithium storage properties. <i>RSC Advances</i> , 2016, 6, 18-22.	3.6	11
99	MoS ₂ -graphene hybrid nanosheets constructed 3D architectures with improved electrochemical performance for lithium-ion batteries and hydrogen evolution. <i>Electrochimica Acta</i> , 2016, 189, 224-230.	5.2	89
100	One-pot synthesis of PEGylated plasmonic MoO ₃ hollow nanospheres for photoacoustic imaging guided chemo-photothermal combinational therapy of cancer. <i>Biomaterials</i> , 2016, 76, 11-24.	11.4	171
101	Size-tunable rhodium nanostructures for wavelength-tunable ultraviolet plasmonics. <i>Nanoscale Horizons</i> , 2016, 1, 75-80.	8.0	62
102	Recent Advances in Upconversion Nanoparticles-Based Multifunctional Nanocomposites for Combined Cancer Therapy. <i>Advanced Materials</i> , 2015, 27, 7692-7712.	21.0	243
103	Self-template synthesis of CoFe ₂ O ₄ nanotubes for high-performance lithium storage. <i>RSC Advances</i> , 2015, 5, 29837-29841.	3.6	23
104	Oxygen-incorporated MoS ₂ ultrathin nanosheets grown on graphene for efficient electrochemical hydrogen evolution. <i>Journal of Power Sources</i> , 2015, 291, 195-200.	7.8	133
105	Smart MoS ₂ /Fe ₃ O ₄ Nanotheranostic for Magnetically Targeted Photothermal Therapy Guided by Magnetic Resonance/Photoacoustic Imaging. <i>Theranostics</i> , 2015, 5, 931-945.	10.0	234
106	Fast and large lithium storages from CoMoO ₄ nanorods-graphene composite. <i>Ionics</i> , 2015, 21, 2993-2999.	2.4	21
107	Understanding the discrepancy between the quality and yield in the synthesis of carbon nanotubes. <i>Nano Research</i> , 2015, 8, 296-302.	10.4	10
108	Rhodium Nanoparticles for Ultraviolet Plasmonics. <i>Nano Letters</i> , 2015, 15, 1095-1100.	9.1	119

#	ARTICLE	IF	CITATIONS
109	Conductive Graphene Fibers for Wire-Shaped Supercapacitors Strengthened by Unfunctionalized Few-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2015, 9, 1352-1359.	14.6	193
110	Carbon entrapped nanosized Fe ₃ O ₄ on Ni foam as integrated electrode with large and fast lithium storage. <i>Materials Letters</i> , 2015, 157, 63-66.	2.6	6
111	Silica-coated bismuth sulfide nanorods as multimodal contrast agents for a non-invasive visualization of the gastrointestinal tract. <i>Nanoscale</i> , 2015, 7, 12581-12591.	5.6	60
112	PtFe/nitrogen-doped graphene for high-performance electrooxidation of formic acid with composition sensitive electrocatalytic activity. <i>RSC Advances</i> , 2015, 5, 60237-60245.	3.6	28
113	Controllable Generation of Nitric Oxide by Near-Infrared-Sensitized Upconversion Nanoparticles for Tumor Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 3049-3056.	14.9	194
114	Graphene-encapsulated cobalt sulfides nanocages with excellent anode performances for lithium ion batteries. <i>Electrochimica Acta</i> , 2015, 167, 32-38.	5.2	71
115	Construction of sandwiched graphene paper@Fe ₃ O ₄ nanorod array/graphene for large and fast lithium storage with an extended lifespan. <i>Journal of Materials Chemistry A</i> , 2015, 3, 19384-19392.	10.3	44
116	Graphoepitaxial effect in the guided growth of SWNT arrays on quartz. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9678-9683.	5.5	4
117	Topochemical transformation of Co(<i>scp</i>) coordination polymers to Co ₃ O ₄ nanoplates for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 2251-2257.	10.3	49
118	Self-template synthesis of magnetic cobalt nanotube based on Kirkendall effect. <i>Materials Letters</i> , 2015, 141, 288-290.	2.6	3
119	TPGS-stabilized NaYbF ₄ :Er upconversion nanoparticles for dual-modal fluorescent/CT imaging and anticancer drug delivery to overcome multi-drug resistance. <i>Biomaterials</i> , 2015, 40, 107-116.	11.4	172
120	Multifunctional Rb _x WO ₃ Nanorods for Simultaneous Combined Chemo-photothermal Therapy and Photoacoustic/CT Imaging. <i>Small</i> , 2014, 10, 4160-4170.	10.0	86
121	Engineered design of theranostic upconversion nanoparticles for tri-modal upconversion luminescence/magnetic resonance/X-ray computed tomography imaging and targeted delivery of combined anticancer drugs. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1379.	5.8	75
122	Ultralong life lithium-ion battery anode with superior high-rate capability and excellent cyclic stability from mesoporous Fe ₂ O ₃ @TiO ₂ core-shell nanorods. <i>Journal of Materials Chemistry A</i> , 2014, 2, 3912.	10.3	91
123	A simple and efficient synthetic route for preparation of NaYF ₄ upconversion nanoparticles by thermo-decomposition of rare-earth oleates. <i>CrystEngComm</i> , 2014, 16, 5650-5661.	2.6	35
124	Self-assembled 3D Co ₃ O ₄ -graphene frameworks with high lithium storage performance. <i>Ionics</i> , 2014, 20, 1635-1639.	2.4	19
125	Mesoporous NaYbF ₄ @NaGdF ₄ core-shell up-conversion nanoparticles for targeted drug delivery and multimodal imaging. <i>Biomaterials</i> , 2014, 35, 7666-7678.	11.4	94
126	Large and stable reversible lithium-ion storages from mesoporous SnO ₂ nanosheets with ultralong lifespan over 1000 cycles. <i>Journal of Power Sources</i> , 2014, 268, 365-371.	7.8	40

#	ARTICLE	IF	CITATIONS
127	WS ₂ nanosheet as a new photosensitizer carrier for combined photodynamic and photothermal therapy of cancer cells. <i>Nanoscale</i> , 2014, 6, 10394-10403.	5.6	301
128	One-dimensional mesoporous Fe ₂ O ₃ @TiO ₂ core-shell nanocomposites: Rational design, synthesis and application as high-performance photocatalyst in visible and UV light region. <i>Applied Surface Science</i> , 2014, 317, 43-48.	6.1	48
129	FePt nanoalloys anchored reduced graphene oxide as high-performance electrocatalysts for formic acid and methanol oxidation. <i>Journal of Alloys and Compounds</i> , 2014, 604, 286-291.	5.5	24
130	In situ synthesis of SnO ₂ @Fe ₂ O ₃ @polyaniline and their conversion to SnO ₂ @Fe ₂ O ₃ @C composite as fully reversible anode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2014, 246, 862-867.	7.8	82
131	Porous Co ₃ O ₄ nanorods as anode for lithium-ion battery with excellent electrochemical performance. <i>Journal of Solid State Chemistry</i> , 2014, 213, 193-197.	2.9	28
132	Mesoporous CuO xerogels constructed by nanorods for high-performance lithium storage. <i>Materials Letters</i> , 2014, 118, 142-145.	2.6	12
133	Sol-gel synthesis of mesoporous Co ₃ O ₄ octahedra toward high-performance anodes for lithium-ion batteries. <i>Electrochimica Acta</i> , 2014, 129, 410-415.	5.2	62
134	High-Throughput Synthesis of Single-Layer MoS ₂ Nanosheets as a Near-Infrared Photothermal-Triggered Drug Delivery for Effective Cancer Therapy. <i>ACS Nano</i> , 2014, 8, 6922-6933.	14.6	813
135	One-Pot Template-Free Synthesis of NaYF ₄ Upconversion Hollow Nanospheres for Bioimaging and Drug Delivery. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1655-1662.	3.3	22
136	Monodisperse SnO ₂ anchored reduced graphene oxide nanocomposites as negative electrode with high rate capability and long cyclability for lithium-ion batteries. <i>Journal of Power Sources</i> , 2014, 262, 15-22.	7.8	84
137	Fe _{2.25} W _{0.75} O ₄ /reduced graphene oxide nanocomposites for novel bifunctional photocatalyst: One-pot synthesis, magnetically recyclable and enhanced photocatalytic property. <i>Journal of Solid State Chemistry</i> , 2013, 205, 171-176.	2.9	17
138	A new near infrared photosensitizing nanoplatfrom containing blue-emitting up-conversion nanoparticles and hypocrellin A for photodynamic therapy of cancer cells. <i>Nanoscale</i> , 2013, 5, 11910.	5.6	85
139	White light emission from an exciplex based on a phosphine oxide type electron transport compound in a bilayer device structure. <i>RSC Advances</i> , 2013, 3, 21453.	3.6	29
140	Template-free solvothermal synthesis of monodisperse porous LiFePO ₄ microsphere as a high-power cathode material for lithium-ion batteries. <i>Materials Letters</i> , 2013, 106, 290-293.	2.6	10
141	Tungsten doping magnetic iron oxide and their enhanced lithium ion storage properties. <i>Materials Letters</i> , 2013, 106, 304-307.	2.6	10
142	One-pot synthesis of ferromagnetic Fe _{2.25} W _{0.75} O ₄ nanoparticles as a magnetically recyclable photocatalyst. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	5
143	Monodisperse spindle-like FeWO ₄ nanoparticles: Controlled hydrothermal synthesis and enhanced optical properties. <i>Journal of Solid State Chemistry</i> , 2012, 196, 550-556.	2.9	37
144	Ultrasonic-induced synthesis of high surface area colloids CeO ₂ @ZrO ₂ . <i>Journal of Nanoparticle Research</i> , 2009, 11, 737-741.	1.9	19

#	ARTICLE	IF	CITATIONS
145	A quasi-solid-state dye-sensitized solar cell based on porous polymer electrolyte membrane. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 194, 31-36.	3.9	19
146	Molecular design of coumarin dyes with high efficiency in dye-sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 194, 167-172.	3.9	60
147	Lithium-Ion Intercalation Behavior of LiFePO ₄ in Aqueous and Nonaqueous Electrolyte Solutions. Journal of the Electrochemical Society, 2008, 155, A144.	2.9	83
148	The Different Bio-Effects of Functionalized Multi-Walled Carbon Nanotubes on tetrahymena pyriformis. Current Nanoscience, 2008, 4, 240-245.	1.2	8
149	Co-Doped Co _x Cu _{6-x} Sn ₅ Alloys as Negative Electrode Materials for Rechargeable Lithium Batteries. Journal of the Electrochemical Society, 2007, 154, A7.	2.9	18
150	Biodistribution of functionalized multiwall carbon nanotubes in mice. Nuclear Medicine and Biology, 2007, 34, 579-583.	0.6	132
151	Ni _x Cu _{6-x} Sn ₅ alloys as negative electrode materials for rechargeable lithium batteries. Journal of Power Sources, 2007, 167, 171-177.	7.8	19
152	A comparative theoretical investigation of ruthenium dyes in dye-sensitized solar cells. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 185, 283-288.	3.9	24
153	Liquid Polymer Nanocomposites PEGME ₆ SnO ₂ and PEGME ₆ TiO ₂ Prepared through Solvothermal Methods. Chemistry of Materials, 2006, 18, 3850-3854.	6.7	21
154	A quasi-solid-state dye-sensitized solar cell based on the stable polymer-grafted nanoparticle composite electrolyte. Journal of Power Sources, 2006, 160, 1451-1455.	7.8	75
155	Quantum study on photophysical and photochemical process of a new photosensitizer: hypomycin B. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 170, 37-43.	3.9	1
156	Efficient hydrogen evolution by reconstruction of NiMoO ₄ ← CoO via Mo recombination. Inorganic Chemistry Frontiers, 0, , .	6.0	6