

# Yong Wang

## List of Publications by Year in descending order

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173  
papers

17,557  
citations

13332

70  
h-index

15698

129  
g-index

173  
all docs

173  
docs citations

173  
times ranked

19200  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ structural evolution analysis of Zr-doped Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>3</sub> coated by N-doped carbon layer as high-performance cathode for sodium-ion batteries. <i>Journal of Energy Chemistry</i> , 2022, 65, 514-523.	7.1	62
2	Organic Cathode Materials for Sodium-ion Batteries: From Fundamental Research to Potential Commercial Application. <i>Advanced Functional Materials</i> , 2022, 32, 2107718.	7.8	75
3	Atomic layer deposition of alumina onto yolk-shell FeS/MoS <sub>2</sub> as universal anodes for Li/Na/K-ion batteries. <i>Electrochimica Acta</i> , 2022, 402, 139471.	2.6	12
4	CNT boosted two-dimensional flaky metal-organic nanosheets for superior lithium and potassium storage. <i>Chemical Engineering Journal</i> , 2022, 430, 133023.	6.6	28
5	<i>In situ</i> encapsulation of metal sulfide into hierarchical nanostructured electrospun nanofibers as self-supported electrodes for flexible quasi-solid-state supercapacitors. <i>Journal of Materials Chemistry C</i> , 2022, 10, 542-548.	2.7	16
6	Low-Temperature Synthesis of Amorphous Silicon and Its Ball-in-Ball Hollow Nanospheres as High-Performance Anodes for Sodium-ion Batteries. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	9
7	Functionalized Graphene Quantum Dots Modified Dioxin-Linked Covalent Organic Frameworks for Superior Lithium Storage. <i>Chemistry - A European Journal</i> , 2022, 28, e202103901.	1.7	8
8	Construction of Anthraquinone-Containing Covalent Organic Frameworks/Graphene Hybrid Films for a Flexible High-Performance Microsupercapacitor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2022, 61, 7480-7488.	1.8	17
9	Pomegranate-Inspired Nitrogen-Doped Carbon-Coated Bimetallic Sulfides as a High-Performance Anode of Sodium-ion Batteries and Their Structural Evolution Analysis. <i>ACS Applied Energy Materials</i> , 2022, 5, 3199-3207.	2.5	9
10	Uniform Distribution of Li Deposition and High Utilization of Transferred Metallic Li Achieved by an Unusual Free-Standing Skeleton for High-Performance Li Metal Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 539-548.	2.5	5
11	Rational design of a self-supporting skeleton decorated with dual lithiophilic Sn-containing and N-doped carbon tubes for dendrite-free lithium metal anodes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11458-11469.	5.2	2
12	Rational Construction of Yolk-Shell Bimetal-Modified Quinonyl-Rich Covalent Organic Polymers with Ultralong Lithium-Storage Mechanism. <i>ACS Nano</i> , 2022, 16, 9830-9842.	7.3	29
13	Boosted $\text{Li}^+$ -Li Cation Effect in the Stabilized Small Organic Molecule Electrode via Hydrogen Bonding with MXene. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 29974-29985.	4.0	5
14	Boosting the Capacity of Aqueous Li-ion Capacitors via Pinpoint Surgery in Nanocoral-Like Covalent Organic Frameworks. <i>Small Methods</i> , 2022, 6, .	4.6	46
15	Redox-Active Tetramino-Benzoquinone $\pi$ - $\pi$ Stacking and H-Bonding onto Multiwalled Carbon Nanotubes toward a High-Performance Asymmetric Supercapacitor. <i>ACS Applied Energy Materials</i> , 2022, 5, 8112-8122.	2.5	7
16	Triazine organic framework derived Fe single-atom bifunctional electrocatalyst for high performance zinc air batteries. <i>Journal of Power Sources</i> , 2022, 542, 231583.	4.0	11
17	Progress and Perspective of Metal- and Covalent-Organic Frameworks and their Derivatives for Lithium-ion Batteries. <i>Batteries and Supercaps</i> , 2021, 4, 72-97.	2.4	39
18	Highly efficient water desalination by capacitive deionization on biomass-derived porous carbon nanoflakes. <i>Separation and Purification Technology</i> , 2021, 256, 117771.	3.9	106

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19	Nanoengineering of 2D MXene-Based Materials for Energy Storage Applications. <i>Small</i> , 2021, 17, e1902085.	5.2	398
20	N-doped carbon nanofibers encapsulated Cu <sub>2-x</sub> Se with the improved lithium storage performance and its structural evolution analysis. <i>Electrochimica Acta</i> , 2021, 367, 137449.	2.6	20
21	Ultra-small Fe <sub>3</sub> O <sub>4</sub> nanodots encapsulated in layered carbon nanosheets with fast kinetics for lithium/potassium-ion battery anodes. <i>RSC Advances</i> , 2021, 11, 1261-1270.	1.7	16
22	Two-dimensional imine-based covalent-organic-framework derived nitrogen-doped porous carbon nanosheets for high-performance lithium-sulfur batteries. <i>New Journal of Chemistry</i> , 2021, 45, 8683-8692.	1.4	9
23	Unusual Inside-Outside Li Deposition within Three-Dimensional Honeycomb-like Hierarchical Nitrogen-Doped Framework for a Dendrite-Free Lithium Metal Anode. <i>ACS Applied Energy Materials</i> , 2021, 4, 2838-2846.	2.5	5
24	Stable Hollow-Structured Silicon Suboxide-Based Anodes toward High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2101796.	7.8	127
25	Fluorine/Nitrogen Co-Doped Porous Carbons Derived from Covalent Triazine Frameworks for High-Performance Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021, 4, 4519-4529.	2.5	21
26	Imine-Induced Metal-Organic and Covalent Organic Coexisting Framework with Superior Li-Storage Properties and Activation Mechanism. <i>ChemSusChem</i> , 2021, 14, 3283-3292.	3.6	12
27	Dendrite-Free and Stable Lithium Metal Battery Achieved by a Model of Stepwise Lithium Deposition and Stripping. <i>Nano-Micro Letters</i> , 2021, 13, 170.	14.4	26
28	Polyaniline nanowires aligned on MOFs-derived nanoporous carbon as high-performance electrodes for supercapacitor. <i>Electrochimica Acta</i> , 2021, 390, 138804.	2.6	22
29	Valence State Modulation of Chromium in Selective Hydrogen Peroxide Production Electrocatalysts. <i>ACS Applied Energy Materials</i> , 2021, 4, 10114-10123.	2.5	2
30	Lithiophilic Vertical Cactus-Like Framework Derived from Cu/Zn-Based Coordination Polymer through In Situ Chemical Etching for Stable Lithium Metal Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2008514.	7.8	32
31	The Progress and Prospect of Tunable Organic Molecules for Organic Lithium-Ion Batteries. <i>ACS Nano</i> , 2021, 15, 47-80.	7.3	130
32	Metal-Organic Framework-Derived Nanoconfinements of CoF <sub>2</sub> and Mixed-Conducting Wiring for High-Performance Metal Fluoride-Lithium Battery. <i>ACS Nano</i> , 2021, 15, 1509-1518.	7.3	69
33	Cobalt Coordinated Cyano Covalent-Organic Framework for High-Performance Potassium-Organic Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 48913-48922.	4.0	36
34	Reduced graphene oxide modified with naphthoquinone for effective immobilization of polysulfides in high-performance Li-S batteries. <i>Chemical Engineering Journal</i> , 2020, 383, 123111.	6.6	20
35	Concrete-like high sulfur content cathodes with enhanced electrochemical performance for lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2020, 42, 174-179.	7.1	16
36	Revealing the effect of cobalt-doping on Ni/Mn-based coordination polymers towards boosted Li-Storage performances. <i>Energy Storage Materials</i> , 2020, 25, 846-857.	9.5	29

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37	Multi-metalâ€‘Organic Frameworks and Their Derived Materials for Li/Na-Ion Batteries. <i>Electrochemical Energy Reviews</i> , 2020, 3, 127-154.	13.1	64
38	Designing cobalt-based coordination polymers for high-performance sodium and lithium storage: from controllable synthesis to mechanism detection. <i>Materials Today Energy</i> , 2020, 17, 100478.	2.5	8
39	Two-dimensional metal-organic framework materials for energy conversion and storage. <i>Journal of Power Sources</i> , 2020, 477, 228919.	4.0	34
40	Organic supramolecular protective layer with rearranged and defensive Li deposition for stable and dendrite-free lithium metal anode. <i>Energy Storage Materials</i> , 2020, 32, 261-271.	9.5	23
41	A rational synthesis of single-atom ironâ€‘nitrogen electrocatalysts for highly efficient oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16271-16282.	5.2	52
42	Rational Design of Niâ€‘Based Electrocatalysts by Modulation of Iron Ions and Carbon Nanotubes for Enhanced Oxygen Evolution Reaction. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000227.	2.7	4
43	Covalent Organic Frameworks for Nextâ€‘Generation Batteries. <i>ChemElectroChem</i> , 2020, 7, 3905-3926.	1.7	41
44	Multiscale Hierarchically Engineered Carbon Nanosheets Derived from Covalent Organic Framework for Potassiumâ€‘Ion Batteries. <i>Small Methods</i> , 2020, 4, 2000159.	4.6	36
45	Carbonyl Functional Group Modified Metalâ€‘Organic Coordination Polymer with Improved Lithium-Storage Performance. <i>ACS Applied Energy Materials</i> , 2020, 3, 11378-11387.	2.5	25
46	Integrating Mixed Metallic Selenides/Nitrogen-Doped Carbon Heterostructures in One-Dimensional Carbon Fibers for Efficient Oxygen Reduction Electrocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8391-8401.	3.2	29
47	Revealing the effect of phosphorus doping on Co@carbon in boosting oxygen evolution catalytic activity. <i>Journal of Alloys and Compounds</i> , 2020, 843, 156001.	2.8	8
48	Halogen-functionalized triazine-based organic frameworks towards high performance supercapacitors. <i>Chemical Engineering Journal</i> , 2020, 400, 125967.	6.6	40
49	Self-assembled 3D Fe <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> microspheres with amorphous shell as anode of lithium-ion batteries with superior electrochemical performance. <i>Chemical Engineering Science</i> , 2020, 217, 115517.	1.9	18
50	Strong Surfaceâ€‘Bound Sulfur in Carbon Nanotube Bridged Hierarchical Mo <sub>2</sub> Câ€‘Based MXene Nanosheets for Lithiumâ€‘Sulfur Batteries. <i>Small</i> , 2019, 15, e1804338.	5.2	107
51	Coordinationâ€‘Induced Interlinked Covalentâ€‘and Metalâ€‘Organicâ€‘Framework Hybrids for Enhanced Lithium Storage. <i>Advanced Materials</i> , 2019, 31, e1903176.	11.1	120
52	Nitrogenâ€‘Doped Carbonâ€‘Coated Bimetal Selenides for Highâ€‘Performance Lithiumâ€‘Ion Storage through the Selfâ€‘Accommodation of Volume Change. <i>ChemElectroChem</i> , 2019, 6, 3736-3741.	1.7	12
53	Morphology tuning of inorganic nanomaterials grown by precipitation through control of electrolytic dissociation and supersaturation. <i>Nature Chemistry</i> , 2019, 11, 695-701.	6.6	86
54	Bifunctional iron nickel phosphide nanocatalysts supported on porous carbon for highly efficient overall water splitting. <i>Sustainable Materials and Technologies</i> , 2019, 22, e00117.	1.7	21

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55	Hierarchical tube-on-fiber carbon/mixed-metal selenide nanostructures for high-performance hybrid supercapacitors. <i>Nanoscale</i> , 2019, 11, 13996-14009.	2.8	57
56	A metal-organic-framework approach to engineer hollow bimetal oxide microspheres towards enhanced electrochemical performances of lithium storage. <i>Dalton Transactions</i> , 2019, 48, 2019-2027.	1.6	27
57	Covalent Organic Framework Derived Boron/Oxygen Codoped Porous Carbon on CNTs as an Efficient Sulfur Host for Lithium-Sulfur Batteries. <i>Small Methods</i> , 2019, 3, 1900338.	4.6	109
58	High-Lithium-Affinity Chemically Exfoliated 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , 2019, 31, e1901640.	11.1	217
59	Nitrogen-Doped Porous Carbon Supported Nonprecious Metal Single-Atom Electrocatalysts: from Synthesis to Application. <i>Small Methods</i> , 2019, 3, 1900159.	4.6	218
60	Unusual Conformal Li Plating on Alloyable Nanofiber Frameworks to Enable Dendrite Suppression of Li Metal Anode. <i>ACS Applied Energy Materials</i> , 2019, 2, 4379-4388.	2.5	35
61	Graphene quantum dots modification of yolk-shell Co <sub>3</sub> O <sub>4</sub> @CuO microspheres for boosted lithium storage performance. <i>Chemical Engineering Journal</i> , 2019, 373, 985-994.	6.6	73
62	Ultrafine ternary metal oxide particles with carbon nanotubes: a metal-organic-framework-based approach and superior lithium-storage performance. <i>Dalton Transactions</i> , 2019, 48, 4413-4419.	1.6	23
63	Carbon-coated mixed-metal sulfide hierarchical structure: MOF-derived synthesis and lithium-storage performances. <i>Chemical Engineering Journal</i> , 2019, 366, 622-630.	6.6	86
64	Few-Layered Boronic Ester Based Covalent Organic Frameworks/Carbon Nanotube Composites for High-Performance K-Organic Batteries. <i>ACS Nano</i> , 2019, 13, 3600-3607.	7.3	233
65	Multilayer NiO@Co <sub>3</sub> O <sub>4</sub> @graphene quantum dots hollow spheres for high-performance lithium-ion batteries and supercapacitors. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7800-7814.	5.2	152
66	Few-Layered Fluorinated Triazine-Based Covalent Organic Nanosheets for High-Performance Alkali Organic Batteries. <i>ACS Nano</i> , 2019, 13, 14252-14261.	7.3	158
67	Rational Design of a P2-Type Spherical Layered Oxide Cathode for High-Performance Sodium-Ion Batteries. <i>ACS Central Science</i> , 2019, 5, 1937-1945.	5.3	39
68	A Hydrostable Cathode Material Based on the Layered P2@P3 Composite that Shows Redox Behavior for Copper in High-Rate and Long-Cycling Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1412-1416.	7.2	92
69	Exfoliated Triazine-Based Covalent Organic Nanosheets with Multielectron Redox for High-Performance Lithium Organic Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1801010.	10.2	174
70	Functionalized Graphene Quantum Dot Modification of Yolk-Shell NiO Microspheres for Superior Lithium Storage. <i>Small</i> , 2018, 14, e1800589.	5.2	88
71	Boosting lithium storage in covalent organic framework via activation of 14-electron redox chemistry. <i>Nature Communications</i> , 2018, 9, 576.	5.8	497
72	Porous Iron-Cobalt Alloy/Nitrogen-Doped Carbon Cages Synthesized via Pyrolysis of Complex Metal-Organic Framework Hybrids for Oxygen Reduction. <i>Advanced Functional Materials</i> , 2018, 28, 1706738.	7.8	227

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73	Boosting lithium-ion storage performance by synergistically coupling Zn <sub>0.76</sub> Co <sub>0.24</sub> S with N/S-doped carbon and carbon nanofiber. <i>Chemical Engineering Journal</i> , 2018, 346, 376-387.	6.6	40
74	Construction of Complex Co <sub>3</sub> O <sub>4</sub> @Co <sub>3</sub> V <sub>2</sub> O <sub>8</sub> Hollow Structures from Metal-Organic Frameworks with Enhanced Lithium Storage Properties. <i>Advanced Materials</i> , 2018, 30, 1702875.	11.1	262
75	Iron-Modified Graphites toward Boosted Lithium/Sodium Storage Performance and Long-Term Cyclability. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 9420-9429.	1.8	5
76	General Dimension-Controlled Synthesis of Hollow Carbon Embedded with Metal Single Atoms or Core-Shell Nanoparticles for Energy Storage Applications. <i>Advanced Energy Materials</i> , 2018, 8, 1801101.	10.2	66
77	Ultrasmall MoC nanoparticles embedded in 3D frameworks of nitrogen-doped porous carbon as anode materials for efficient lithium storage with pseudocapacitance. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13705-13716.	5.2	48
78	Carbon coated mixed-metal selenide microrod: Bimetal-organic-framework derivation approach and applications for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2018, 351, 169-176.	6.6	71
79	Recent Development of Metallic (1T) Phase of Molybdenum Disulfide for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2018, 8, 1703482.	10.2	317
80	Recent developments of aprotic lithium-oxygen batteries: functional materials determine the electrochemical performance. <i>Science Bulletin</i> , 2017, 62, 442-452.	4.3	54
81	Bimetal-Organic-Framework Derivation of Ball-Cactus-Like Ni-Sn-P@C-CNT as Long-Cycle Anode for Lithium Ion Battery. <i>Small</i> , 2017, 13, 1700521.	5.2	70
82	Microwave-Assisted Morphology Evolution of Fe-Based Metal-Organic Frameworks and Their Derived Fe <sub>2</sub> O <sub>3</sub> Nanostructures for Li-Ion Storage. <i>ACS Nano</i> , 2017, 11, 4198-4205.	7.3	263
83	MOF-derived yolk-shell CdS microcubes with enhanced visible-light photocatalytic activity and stability for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8680-8689.	5.2	130
84	Metal-organic frameworks derived germanium oxide nanosheets for large reversible Li-ion storage. <i>Electrochemistry Communications</i> , 2017, 84, 80-85.	2.3	24
85	Flexible and rechargeable Zn-air batteries based on green feedstocks with 75% round-trip efficiency. <i>Sustainable Energy and Fuels</i> , 2017, 1, 1909-1914.	2.5	30
86	Construction of point-line-plane (0-1-2 dimensional) Fe <sub>2</sub> O <sub>3</sub> -SnO <sub>2</sub> /graphene hybrids as the anodes with excellent lithium storage capability. <i>Nano Research</i> , 2017, 10, 121-133.	5.8	36
87	Cd <sub>0.2</sub> Zn <sub>0.8</sub> S@UiO-66-NH <sub>2</sub> nanocomposites as efficient and stable visible-light-driven photocatalyst for H <sub>2</sub> evolution and CO <sub>2</sub> reduction. <i>Applied Catalysis B: Environmental</i> , 2017, 200, 448-457.	10.8	433
88	Metal-Organic-Frameworks Derivation of Mesoporous NiO Nanorod for High-Performance Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2016, 213, 351-357.	2.6	95
89	Plasmonic Ag coated BiOBr <sub>0.2</sub> O <sub>0.8</sub> nanosheets grown on graphene with excellent visible-light photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 326, 30-40.	2.0	16
90	General and facile synthesis of metal sulfide nanostructures: In situ microwave synthesis and application as binder-free cathode for Li-ion batteries. <i>Chemical Engineering Journal</i> , 2016, 306, 251-259.	6.6	59



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91	Conversion of Bulk Metallurgical Silicon into Photocatalytic Nanoparticles by Copper-Assisted Chemical Etching. ACS Sustainable Chemistry and Engineering, 2016, 4, 6590-6599.	3.2	20
92	Carbon Nanotubes Rooted in Porous Ternary Metal Sulfide@N/S-Doped Carbon Dodecahedron: Bimetal-Organic Frameworks Derivation and Electrochemical Application for High-Capacity and Long-Life Lithium-Ion Batteries. Advanced Functional Materials, 2016, 26, 8345-8353.	7.8	192
93	Ultrasmall Tin Nanodots Embedded in Nitrogen-Doped Mesoporous Carbon: Metal-Organic-Framework Derivation and Electrochemical Application as Highly Stable Anode for Lithium Ion Batteries. Electrochimica Acta, 2016, 217, 123-131.	2.6	72
94	Three-Dimensional Molybdenum Disulfide Nanoflowers Decorated on Graphene Nanosheets for High-Performance Lithium-Ion Batteries. ChemElectroChem, 2016, 3, 1503-1512.	1.7	20
95	MOF-templated nanorice-“nanosheet core”-satellite iron dichalcogenides by heterogeneous sulfuration for high-performance lithium ion batteries. Journal of Materials Chemistry A, 2016, 4, 19179-19188.	5.2	64
96	Bimetal-Organic Framework: One-Step Homogenous Formation and its Derived Mesoporous Ternary Metal Oxide Nanorod for High-Capacity, High-Rate, and Long-Cycle-Life Lithium Storage. Advanced Functional Materials, 2016, 26, 1098-1103.	7.8	176
97	Eco-friendly synthesis of rutile TiO <sub>2</sub> nanostructures with controlled morphology for efficient lithium-ion batteries. Chemical Engineering Journal, 2016, 304, 156-164.	6.6	51
98	Dissipative particle dynamics simulation for the effect of interaction on the self-assembly behaviours of heterogemini surfactant in aqueous solution. Molecular Physics, 2016, 114, 304-314.	0.8	7
99	Efficient Activation of High-Loading Sulfur by Small CNTs Confined Inside a Large CNT for High-Capacity and High-Rate Lithium-Sulfur Batteries. Nano Letters, 2016, 16, 440-447.	4.5	170
100	Carbon-Coated MnMoO <sub>4</sub> Nanorod for High-Performance Lithium-Ion Batteries. Electrochimica Acta, 2016, 190, 354-359.	2.6	78
101	New Cr <sub>2</sub> Mo <sub>3</sub> O <sub>12</sub> -based anodes: morphology tuning and Li-storage properties. Journal of Materials Chemistry A, 2015, 3, 15030-15038.	5.2	14
102	Polyurethane-derived N-doped porous carbon with interconnected sheet-like structure as polysulfide reservoir for lithium-sulfur batteries. Journal of Power Sources, 2015, 293, 119-126.	4.0	78
103	Graphene-supported nickel chloride and cobalt chloride nanoparticles as highly efficient catalysts for dehydrogenation of ammonia borane. International Journal of Hydrogen Energy, 2015, 40, 15389-15397.	3.8	8
104	Visible light-driven Bi <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> /reduced graphene oxide nanocomposite for efficient photocatalytic degradation of organic contaminants. Separation and Purification Technology, 2015, 142, 25-32.	3.9	41
105	Self-assembly and template-free synthesis of ZnO hierarchical nanostructures and their photocatalytic properties. Journal of Colloid and Interface Science, 2015, 448, 367-373.	5.0	52
106	Standing carbon-coated molybdenum dioxide nanosheets on graphene: morphology evolution and lithium ion storage properties. Journal of Materials Chemistry A, 2015, 3, 4706-4715.	5.2	55
107	Microwave Hydrothermal Synthesis of Ni-based Metal-Organic Frameworks and Their Derived Yol-Shell NiO for Li-Ion Storage and Supported Ammonia Borane for Hydrogen Desorption. ACS Sustainable Chemistry and Engineering, 2015, 3, 1830-1838.	3.2	91
108	Topotactical conversion of carbon coated Fe-based electrodes on graphene aerogels for lithium ion storage. Journal of Materials Chemistry A, 2015, 3, 14741-14749.	5.2	45

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109	Multilayer CuO@NiO Hollow Spheres: Microwave-Assisted Metal-Organic-Framework Derivation and Highly Reversible Structure-Matched Stepwise Lithium Storage. <i>ACS Nano</i> , 2015, 9, 11462-11471.	7.3	324
110	High-Performance Removal of Phosphate from Water by Graphene Nanosheets Supported Lanthanum Hydroxide Nanoparticles. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	26
111	Morphological Effect of Graphene Nanosheets on Ultrathin CoS Nanosheets and Their Applications for High-Performance Li-Ion Batteries and Photocatalysis. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25355-25364.	1.5	142
112	Self-Assembly Behaviors of Heterogemini Surfactant in Aqueous Solution Investigated by Dissipative Particle Dynamics. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 1300-1307.	1.3	8
113	Microwave hydrothermal growth of In <sub>2</sub> S <sub>3</sub> interconnected nanoflowers and nanoparticles on graphene for high-performance Li-ion batteries. <i>RSC Advances</i> , 2014, 4, 8582.	1.7	34
114	A reduced graphene oxide supported Cu <sub>3</sub> SnS <sub>4</sub> composite as an efficient visible-light photocatalyst. <i>Dalton Transactions</i> , 2014, 43, 7491.	1.6	52
115	NiS nanorod-assembled nanoflowers grown on graphene: morphology evolution and Li-ion storage applications. <i>Journal of Materials Chemistry A</i> , 2014, 2, 15152-15158.	5.2	98
116	Graphene-based nanocomposite anodes for lithium-ion batteries. <i>Nanoscale</i> , 2014, 6, 11528-11552.	2.8	151
117	Novel 3D flowerlike Au/BiOBr <sub>0.2</sub> I <sub>0.8</sub> composites with highly enhanced visible-light photocatalytic performances. <i>Separation and Purification Technology</i> , 2014, 133, 343-350.	3.9	19
118	Four-Layer Tin-Carbon Nanotube Yolk-Shell Materials for High-Performance Lithium-Ion Batteries. <i>ChemSusChem</i> , 2014, 7, 1407-1414.	3.6	30
119	Graphene sheets grafted three-dimensional BiOBr <sub>0.2</sub> I <sub>0.8</sub> microspheres with excellent photocatalytic activity under visible light. <i>Journal of Hazardous Materials</i> , 2014, 266, 75-83.	6.5	92
120	Bi <sub>7</sub> O <sub>9</sub> I <sub>3</sub> /reduced graphene oxide composite as an efficient visible-light-driven photocatalyst for degradation of organic contaminants. <i>Journal of Molecular Catalysis A</i> , 2014, 391, 175-182.	4.8	49
121	Graphene-Wrapped CoS Nanoparticles for High-Capacity Lithium-Ion Storage. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 801-806.	4.0	219
122	Interconnected Tin Disulfide Nanosheets Grown on Graphene for Li-Ion Storage and Photocatalytic Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 12073-12082.	4.0	135
123	Microwave-assisted solvothermal synthesis of 3D carnation-like SnS <sub>2</sub> nanostructures with high visible light photocatalytic activity. <i>Journal of Molecular Catalysis A</i> , 2013, 378, 285-292.	4.8	82
124	Sulfur film-coated reduced graphene oxide composite for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 9173.	5.2	61
125	Graphene wrapped SnCo nanoparticles for high-capacity lithium ion storage. <i>Journal of Power Sources</i> , 2013, 222, 526-532.	4.0	73
126	Microwave solvothermal synthesis of flower-like SnS <sub>2</sub> and SnO <sub>2</sub> nanostructures as high-rate anodes for lithium ion batteries. <i>Chemical Engineering Journal</i> , 2013, 229, 183-189.	6.6	69



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127	Bismuth oxyiodide-graphene nanocomposites with high visible light photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2013, 398, 161-167.	5.0	123
128	Large and fast reversible Li-ion storages in Fe <sub>2</sub> O <sub>3</sub> -graphene sheet-on-sheet sandwich-like nanocomposites. <i>Scientific Reports</i> , 2013, 3, 3502.	1.6	88
129	Confined Volume Change in Sn-Co Ternary Tube-in-Tube Composites for High-Capacity and Long-Life Lithium Storage. <i>Advanced Functional Materials</i> , 2013, 23, 893-899.	7.8	89
130	Microwave hydrothermal synthesis of high performance tin-graphene nanocomposites for lithium ion batteries. <i>Journal of Power Sources</i> , 2012, 216, 22-27.	4.0	92
131	Synthesis, characterization and photocatalytic performance of novel visible-light-induced Ag/BiOI. <i>Applied Catalysis B: Environmental</i> , 2012, 111-112, 271-279.	10.8	253
132	Facile synthesis of graphene-supported shuttle- and urchin-like CuO for high and fast Li-ion storage. <i>Electrochemistry Communications</i> , 2012, 14, 82-85.	2.3	80
133	Sheet-like and fusiform CuO nanostructures grown on graphene by rapid microwave heating for high Li-ion storage capacities. <i>Journal of Materials Chemistry</i> , 2011, 21, 17916.	6.7	97
134	Self-assembled echinus-like nanostructures of mesoporous CoO nanorod@CNT for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2011, 21, 6636.	6.7	137
135	NiO nanosheets grown on graphene nanosheets as superior anode materials for Li-ion batteries. <i>Nanoscale</i> , 2011, 3, 2615.	2.8	342
136	Sn@CNT Nanostructures Rooted in Graphene with High and Fast Li-Storage Capacities. <i>ACS Nano</i> , 2011, 5, 8108-8114.	7.3	234
137	Fe <sub>2</sub> O <sub>3</sub> -Graphene Rice-on-Sheet Nanocomposite for High and Fast Lithium Ion Storage. <i>Journal of Physical Chemistry C</i> , 2011, 115, 20747-20753.	1.5	168
138	Carbon nanotubes grown in situ on graphene nanosheets as superior anodes for Li-ion batteries. <i>Nanoscale</i> , 2011, 3, 4323.	2.8	119
139	Ionic liquid-templated synthesis of mesoporous CeO <sub>2</sub> -TiO <sub>2</sub> nanoparticles and their enhanced photocatalytic activities under UV or visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 223, 157-164.	2.0	118
140	High-temperature synthesis of highly hydrothermal stable mesoporous silica and Fe-SiO <sub>2</sub> using ionic liquid as a template. <i>Journal of Solid State Chemistry</i> , 2011, 184, 509-515.	1.4	5
141	Microwave-assisted synthesis of porous nickel oxide nanostructures as anode materials for lithium-ion batteries. <i>Rare Metals</i> , 2011, 30, 59-62.	3.6	10
142	Antimony-doped tin oxide nanotubes for high capacity lithium storage. <i>Electrochemistry Communications</i> , 2011, 13, 433-436.	2.3	37
143	Indium Tin Oxide@Carbon Core-Shell Nanowire and Jagged Indium Tin Oxide Nanowire. <i>Nanoscale Research Letters</i> , 2010, 5, 1682-1685.	3.1	19
144	Graphene supported Sn-Sb@carbon core-shell particles as a superior anode for lithium ion batteries. <i>Electrochemistry Communications</i> , 2010, 12, 1302-1306.	2.3	132

#	ARTICLE	IF	CITATIONS
145	Macroporous Co <sub>3</sub> O <sub>4</sub> platelets with excellent rate capability as anodes for lithium ion batteries. <i>Electrochemistry Communications</i> , 2010, 12, 101-105.	2.3	142
146	Dissipative Particle Dynamics Simulation of Microscopic Properties in Diblock Copolymer Films. <i>Chinese Journal of Chemical Physics</i> , 2010, 23, 274-280.	0.6	1
147	Microwave-assisted synthesis of a Co <sub>3</sub> O <sub>4</sub> @graphene sheet-on-sheet nanocomposite as a superior anode material for Li-ion batteries. <i>Journal of Materials Chemistry</i> , 2010, 20, 9735.	6.7	261
148	Nanoscale Si coating on the pore walls of SnO <sub>2</sub> nanotube anode for Li rechargeable batteries. <i>Chemical Communications</i> , 2010, 46, 622-624.	2.2	74
149	Depletion phenomenon in diblock copolymer films: a dissipative particle dynamics simulation. <i>Molecular Simulation</i> , 2010, 36, 468-473.	0.9	1
150	Self-assembly nanostructures of one-dimensional antimony oxide and oxychloride. <i>Materials Letters</i> , 2009, 63, 1481-1484.	1.3	14
151	Sn@CNT and Sn@C@CNT nanostructures for superior reversible lithium ion storage. <i>Chemistry of Materials</i> , 2009, 21, 3210-3215.	3.2	190
152	One-dimensional SnO <sub>2</sub> nanostuctures: facile morphology tuning and lithium storage properties. <i>Nanotechnology</i> , 2009, 20, 345704.	1.3	36
153	Li Storage Properties of Disordered Graphene Nanosheets. <i>Chemistry of Materials</i> , 2009, 21, 3136-3142.	3.2	970
154	Preparation and Characterization of Carbon Nanospheres as Anode Materials in Lithium-Ion Secondary Batteries. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 2294-2300.	1.8	162
155	Bridging mesoporous carbon particles with carbon nanotubes. <i>Microporous and Mesoporous Materials</i> , 2007, 98, 323-329.	2.2	38
156	Hollow carbon spheres with a controllable shell structure. <i>Journal of Materials Chemistry</i> , 2006, 16, 4413.	6.7	135
157	Crystalline Carbon Hollow Spheres, Crystalline Carbon@SnO <sub>2</sub> Hollow Spheres, and Crystalline SnO <sub>2</sub> Hollow Spheres: A Synthesis and Performance in Reversible Li-Ion Storage. <i>Chemistry of Materials</i> , 2006, 18, 1347-1353.	3.2	381
158	Tin oxide nanocubes, and tin-core/tin oxide-shell nanostructures, with and without a hollow interior. <i>Journal of Nanoparticle Research</i> , 2006, 8, 1053-1057.	0.8	4
159	One-Step, Confined Growth of Bimetallic Tin@Antimony Nanorods in Carbon Nanotubes Grown In Situ for Reversible Li+ Ion Storage. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7039-7042.	7.2	89
160	Highly Reversible Lithium Storage in Porous SnO <sub>2</sub> Nanotubes with Coaxially Grown Carbon Nanotube Overlayers. <i>Advanced Materials</i> , 2006, 18, 645-649.	11.1	477
161	Template-Free Synthesis of SnO <sub>2</sub> Hollow Nanostructures with High Lithium Storage Capacity. <i>Advanced Materials</i> , 2006, 18, 2325-2329.	11.1	1,609
162	Microwave-assisted synthesis of SnO <sub>2</sub> @graphite nanocomposites for Li-ion battery applications. <i>Journal of Power Sources</i> , 2005, 144, 220-225.	4.0	85

#	ARTICLE	IF	CITATIONS
163	Synthesis of Graphitic Ordered Macroporous Carbon with a Three-Dimensional Interconnected Pore Structure for Electrochemical Applications. <i>Journal of Physical Chemistry B</i> , 2005, 109, 20200-20206.	1.2	195
164	Polycrystalline SnO <sub>2</sub> Nanotubes Prepared via Infiltration Casting of Nanocrystallites and Their Electrochemical Application. <i>Chemistry of Materials</i> , 2005, 17, 3899-3903.	3.2	430
165	Tin Nanoparticle Loaded Graphite Anodes for Li-Ion Battery Applications. <i>Journal of the Electrochemical Society</i> , 2004, 151, A1804.	1.3	94
166	Microemulsion Syntheses of Sn and SnO <sub>2</sub> -Graphite Nanocomposite Anodes for Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2004, 151, A563.	1.3	49
167	A microemulsion-based preparation of tin/tin oxide core/shell nanoparticles with particle size control. <i>Journal of Materials Chemistry</i> , 2004, 14, 362.	6.7	30
168	Controlled Synthesis of V-shaped SnO <sub>2</sub> Nanorods. <i>Journal of Physical Chemistry B</i> , 2004, 108, 13589-13593.	1.2	65
169	Molten Salt Synthesis of Tin Oxide Nanorods: Morphological and Electrochemical Features. <i>Journal of Physical Chemistry B</i> , 2004, 108, 17832-17837.	1.2	161
170	Preparation of SnO <sub>2</sub> @graphite nanocomposite anodes by urea-mediated hydrolysis. <i>Electrochemistry Communications</i> , 2003, 5, 292-296.	2.3	55
171	Microemulsion Synthesis of Tin Oxide-Graphite Nanocomposites as Negative Electrode Materials for Lithium-Ion Batteries. <i>Electrochemical and Solid-State Letters</i> , 2003, 6, A19.	2.2	33
172	Microwave-Assisted Synthesis of Antimony Oxide Nanostructures and their Electrochemical Properties. <i>Materials Science Forum</i> , 0, 650, 157-162.	0.3	5
173	Inside-Outside Li Deposition Achieved by the Unusual Strategy of Constructing the Hierarchical Lithiophilicity for Dendrite-Free and Durable Li Metal Anode. <i>Batteries and Supercaps</i> , 0, , .	2.4	2