

# Yong Wang

## 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.

165  
papers

13,804  
citations

63  
h-index

116  
g-index

173  
ext. papers

15,650  
ext. citations

9.9  
avg, IF

7.14  
L-index

#	Paper	IF	Citations
165	Functionalized Graphene Quantum Dots Modified Dioxin-Linked Covalent Organic Frameworks for Superior Lithium Storage.. <i>Chemistry - A European Journal</i> , <b>2022</b> , e202103901	4.8	0
164	CNT boosted two-dimensional flaky metal-organic nanosheets for superior lithium and potassium storage. <i>Chemical Engineering Journal</i> , <b>2022</b> , 430, 133023	14.7	2
163	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> , <b>2022</b> , 65, 514-523	12	9
162	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> , <b>2022</b> , 5, 3199-3207	6.1	0
161	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> , <b>2022</b> , 5, 539-548	6.1	0
160	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> , <b>2021</b> , 402, 139471	6.7	0
159	Cobalt Coordinated Cyano Covalent-Organic Framework for High-Performance Potassium-Organic Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 48913-48922	9.5	7
158	The Progress and Prospect of Tunable Organic Molecules for Organic Lithium-Ion Batteries. <i>ACS Nano</i> , <b>2021</b> , 15, 47-80	16.7	39
157	Metal-Organic Framework-Derived Nanoconfinements of CoF and Mixed-Conducting Wiring for High-Performance Metal Fluoride-Lithium Battery. <i>ACS Nano</i> , <b>2021</b> , 15, 1509-1518	16.7	22
156	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> , <b>2021</b> , 4, 2838-2846	6.1	2
155	Stable Hollow-Structured Silicon Suboxide-Based Anodes toward High-Performance Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101796	15.6	32
154	Fluorine/Nitrogen Co-Doped Porous Carbons Derived from Covalent Triazine Frameworks for High-Performance Supercapacitors. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 4519-4529	6.1	5
153	Imine-Induced Metal-Organic and Covalent Organic Coexisting Framework with Superior Li-Storage Properties and Activation Mechanism. <i>ChemSusChem</i> , <b>2021</b> , 14, 3283-3292	8.3	2
152	Progress and Perspective of Metal- and Covalent-Organic Frameworks and their Derivatives for Lithium-Ion Batteries. <i>Batteries and Supercaps</i> , <b>2021</b> , 4, 72-97	5.6	14
151	Highly efficient water desalination by capacitive deionization on biomass-derived porous carbon nanoflakes. <i>Separation and Purification Technology</i> , <b>2021</b> , 256, 117771	8.3	39
150	Nanoengineering of 2D MXene-Based Materials for Energy Storage Applications. <i>Small</i> , <b>2021</b> , 17, e1902085	15.5	193
149	N-doped carbon nanofibers encapsulated Cu <sub>2</sub> -xSe with the improved lithium storage performance and its structural evolution analysis. <i>Electrochimica Acta</i> , <b>2021</b> , 367, 137449	6.7	3

148	Ultra-small FeO nanodots encapsulated in layered carbon nanosheets with fast kinetics for lithium/potassium-ion battery anodes.. <i>RSC Advances</i> , <b>2021</b> , 11, 1261-1270	3.7	5
147	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> , <b>2021</b> , 45, 8683-8692 <sup>3,6</sup>	3.6	3
146	Dendrite-Free and Stable Lithium Metal Battery Achieved by a Model of Stepwise Lithium Deposition and Stripping. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 170	19.5	3
145	Polyaniline nanowires aligned on MOFs-derived nanoporous carbon as high-performance electrodes for supercapacitor. <i>Electrochimica Acta</i> , <b>2021</b> , 390, 138804	6.7	4
144	Valence State Modulation of Chromium in Selective Hydrogen Peroxide Production Electrocatalysts. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 10114-10123	6.1	0
143	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> , <b>2021</b> , 31, 2008514	15.6	13
142	Carbonyl Functional Group Modified Metal-Organic Coordination Polymer with Improved Lithium-Storage Performance. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 11378-11387	6.1	7
141	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> , <b>2020</b> , 8, 8391-8401	8.3	11
140	Revealing the effect of phosphorus doping on Co@carbon in boosting oxygen evolution catalytic activity. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 843, 156001	5.7	5
139	Halogen-functionalized triazine-based organic frameworks towards high performance supercapacitors. <i>Chemical Engineering Journal</i> , <b>2020</b> , 400, 125967	14.7	17
138	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> , <b>2020</b> , 217, 115517	4.4	11
137	Multi-metal-Organic Frameworks and Their Derived Materials for Li/Na-Ion Batteries. <i>Electrochemical Energy Reviews</i> , <b>2020</b> , 3, 127-154	29.3	34
136	Designing cobalt-based coordination polymers for high-performance sodium and lithium storage: from controllable synthesis to mechanism detection. <i>Materials Today Energy</i> , <b>2020</b> , 17, 100478	7	1
135	Two-dimensional metal-organic framework materials for energy conversion and storage. <i>Journal of Power Sources</i> , <b>2020</b> , 477, 228919	8.9	16
134	Organic supramolecular protective layer with rearranged and defensive Li deposition for stable and dendrite-free lithium metal anode. <i>Energy Storage Materials</i> , <b>2020</b> , 32, 261-271	19.4	10
133	A rational synthesis of single-atom iron-nitrogen electrocatalysts for highly efficient oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 16271-16282	13	27
132	Rational Design of Ni-Based Electrocatalysts by Modulation of Iron Ions and Carbon Nanotubes for Enhanced Oxygen Evolution Reaction. <i>Advanced Sustainable Systems</i> , <b>2020</b> , 4, 2000227	5.9	1
131	Covalent Organic Frameworks for Next-Generation Batteries. <i>ChemElectroChem</i> , <b>2020</b> , 7, 3905-3926	4.3	16

130	Multiscale Hierarchically Engineered Carbon Nanosheets Derived from Covalent Organic Framework for Potassium-Ion Batteries. <i>Small Methods</i> , <b>2020</b> , 4, 2000159	12.8	18
129	Reduced graphene oxide modified with naphthoquinone for effective immobilization of polysulfides in high-performance Li-S batteries. <i>Chemical Engineering Journal</i> , <b>2020</b> , 383, 123111	14.7	10
128	Concrete-like high sulfur content cathodes with enhanced electrochemical performance for lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 42, 174-179	12	8
127	Revealing the effect of cobalt-doping on Ni/Mn-based coordination polymers towards boosted Li-Storage performances. <i>Energy Storage Materials</i> , <b>2020</b> , 25, 846-857	19.4	16
126	A metal-organic-framework approach to engineer hollow bimetal oxide microspheres towards enhanced electrochemical performances of lithium storage. <i>Dalton Transactions</i> , <b>2019</b> , 48, 2019-2027	4.3	13
125	Covalent Organic Framework Derived Boron/Oxygen Codoped Porous Carbon on CNTs as an Efficient Sulfur Host for Lithium-Sulfur Batteries. <i>Small Methods</i> , <b>2019</b> , 3, 1900338	12.8	63
124	High-Lithium-Affinity Chemically Exfoliated 2D Covalent Organic Frameworks. <i>Advanced Materials</i> , <b>2019</b> , 31, e1901640	24	123
123	Nitrogen-Doped Porous Carbon Supported Nonprecious Metal Single-Atom Electrocatalysts: from Synthesis to Application. <i>Small Methods</i> , <b>2019</b> , 3, 1900159	12.8	137
122	Unusual Conformal Li Plating on Alloyable Nanofiber Frameworks to Enable Dendrite Suppression of Li Metal Anode. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 4379-4388	6.1	27
121	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> , <b>2019</b> , 373, 985-994	14.7	42
120	Ultrafine ternary metal oxide particles with carbon nanotubes: a metal-organic-framework-based approach and superior lithium-storage performance. <i>Dalton Transactions</i> , <b>2019</b> , 48, 4413-4419	4.3	17
119	Carbon-coated mixed-metal sulfide hierarchical structure: MOF-derived synthesis and lithium-storage performances. <i>Chemical Engineering Journal</i> , <b>2019</b> , 366, 622-630	14.7	52
118	Few-Layered Boronic Ester Based Covalent Organic Frameworks/Carbon Nanotube Composites for High-Performance K-Organic Batteries. <i>ACS Nano</i> , <b>2019</b> , 13, 3600-3607	16.7	124
117	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> , <b>2019</b> , 7, 7800-7814	13	101
116	Coordination-Induced Interlinked Covalent- and Metal-Organic-Framework Hybrids for Enhanced Lithium Storage. <i>Advanced Materials</i> , <b>2019</b> , 31, e1903176	24	64
115	Nitrogen-Doped Carbon-Coated Bimetal Selenides for High-Performance Lithium-Ion Storage through the Self-Accommodation of Volume Change. <i>ChemElectroChem</i> , <b>2019</b> , 6, 3736-3741	4.3	8
114	Morphology tuning of inorganic nanomaterials grown by precipitation through control of electrolytic dissociation and supersaturation. <i>Nature Chemistry</i> , <b>2019</b> , 11, 695-701	17.6	58
113	Bifunctional iron nickel phosphide nanocatalysts supported on porous carbon for highly efficient overall water splitting. <i>Sustainable Materials and Technologies</i> , <b>2019</b> , 22, e00117	5.3	12

112	Hierarchical "tube-on-fiber" carbon/mixed-metal selenide nanostructures for high-performance hybrid supercapacitors. <i>Nanoscale</i> , <b>2019</b> , 11, 13996-14009	7.7	31
111	Few-Layered Fluorinated Triazine-Based Covalent Organic Nanosheets for High-Performance Alkali Organic Batteries. <i>ACS Nano</i> , <b>2019</b> , 13, 14252-14261	16.7	82
110	Rational Design of a P2-Type Spherical Layered Oxide Cathode for High-Performance Sodium-Ion Batteries. <i>ACS Central Science</i> , <b>2019</b> , 5, 1937-1945	16.8	16
109	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> , <b>2019</b> , 58, 1412-1416	16.4	62
108	Exfoliated Triazine-Based Covalent Organic Nanosheets with Multielectron Redox for High-Performance Lithium Organic Batteries. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1801010	21.8	102
107	Strong Surface-Bound Sulfur in Carbon Nanotube Bridged Hierarchical Mo C-Based MXene Nanosheets for Lithium-Sulfur Batteries. <i>Small</i> , <b>2019</b> , 15, e1804338	11	35
106	Functionalized Graphene Quantum Dot Modification of Yolk-Shell NiO Microspheres for Superior Lithium Storage. <i>Small</i> , <b>2018</b> , 14, e1800589	11	68
105	Boosting lithium storage in covalent organic framework via activation of 14-electron redox chemistry. <i>Nature Communications</i> , <b>2018</b> , 9, 576	17.4	288
104	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> , <b>2018</b> , 28, 1706738	15.6	180
103	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> , <b>2018</b> , 346, 376-387	14.7	30
102	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> , <b>2018</b> , 8, 1801101	21.8	49
101	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> , <b>2018</b> , 6, 13705-13716	13	30
100	Carbon coated mixed-metal selenide microrod: Bimetal-organic-framework derivation approach and applications for lithium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2018</b> , 351, 169-176	14.7	45
99	Recent Development of Metallic (1T) Phase of Molybdenum Disulfide for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1703482	21.8	197
98	Construction of Complex Co O @Co V O Hollow Structures from Metal-Organic Frameworks with Enhanced Lithium Storage Properties. <i>Advanced Materials</i> , <b>2018</b> , 30, 1702875	24	213
97	Iron-Modified Graphites toward Boosted Lithium/Sodium Storage Performance and Long-Term Cyclability. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 9420-9429	3.9	4
96	Recent developments of aprotic lithium-oxygen batteries: functional materials determine the electrochemical performance. <i>Science Bulletin</i> , <b>2017</b> , 62, 442-452	10.6	48
95	Bimetal-Organic-Framework Derivation of Ball-Cactus-Like Ni-Sn-P@C-CNT as Long-Cycle Anode for Lithium Ion Battery. <i>Small</i> , <b>2017</b> , 13, 1700521	11	54

94	Microwave-Assisted Morphology Evolution of Fe-Based Metal-Organic Frameworks and Their Derived FeO Nanostructures for Li-Ion Storage. <i>ACS Nano</i> , <b>2017</b> , 11, 4198-4205	16.7	198
93	MOF-derived yolk-shell CdS microcubes with enhanced visible-light photocatalytic activity and stability for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8680-8689	13	88
92	Metal-organic frameworks derived germanium oxide nanosheets for large reversible Li-ion storage. <i>Electrochemistry Communications</i> , <b>2017</b> , 84, 80-85	5.1	18
91	Flexible and rechargeable Zn-air batteries based on green feedstocks with 75% round-trip efficiency. <i>Sustainable Energy and Fuels</i> , <b>2017</b> , 1, 1909-1914	5.8	27
90	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> , <b>2017</b> , 10, 121-133	10	33
89	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> , <b>2017</b> , 200, 448-457	21.8	312
88	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. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 8345-8353	15.6	174
87	Ultrasmall Tin Nanodots Embedded in Nitrogen-Doped Mesoporous Carbon: Metal-Organic-Framework Derivation and Electrochemical Application as Highly Stable Anode for Lithium Ion Batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 217, 123-131	6.7	60
86	Three-Dimensional Molybdenum Disulfide Nanoflowers Decorated on Graphene Nanosheets for High-Performance Lithium-Ion Batteries. <i>ChemElectroChem</i> , <b>2016</b> , 3, 1503-1512	4.3	18
85	MOF-templated nanorice nanosheet core-shell iron dichalcogenides by heterogeneous sulfuration for high-performance lithium ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 19179-19188	13.52	52
84	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. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 1098-1103	15.6	153
83	Eco-friendly synthesis of rutile TiO <sub>2</sub> nanostructures with controlled morphology for efficient lithium-ion batteries. <i>Chemical Engineering Journal</i> , <b>2016</b> , 304, 156-164	14.7	43
82	Dissipative particle dynamics simulation for the effect of interaction on the self-assembly behaviours of heterogemini surfactant in aqueous solution. <i>Molecular Physics</i> , <b>2016</b> , 114, 304-314	1.7	7
81	Efficient Activation of High-Loading Sulfur by Small CNTs Confined Inside a Large CNT for High-Capacity and High-Rate Lithium-Sulfur Batteries. <i>Nano Letters</i> , <b>2016</b> , 16, 440-7	11.5	153
80	Carbon-Coated MnMoO <sub>4</sub> Nanorod for High-Performance Lithium-Ion Batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 190, 354-359	6.7	60
79	Metal-Organic-Frameworks Derivation of Mesoporous NiO Nanorod for High-Performance Lithium Ion Batteries. <i>Electrochimica Acta</i> , <b>2016</b> , 213, 351-357	6.7	73
78	Plasmonic Ag coated BiOBr <sub>0.2</sub> IO <sub>0.8</sub> nanosheets grown on graphene with excellent visible-light photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2016</b> , 326, 30-40	4.7	15
77	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> , <b>2016</b> , 306, 251-259	14.7	51

76	Conversion of Bulk Metallurgical Silicon into Photocatalytic Nanoparticles by Copper-Assisted Chemical Etching. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2016</b> , 4, 6590-6599	8.3	18
75	Self-assembly and template-free synthesis of ZnO hierarchical nanostructures and their photocatalytic properties. <i>Journal of Colloid and Interface Science</i> , <b>2015</b> , 448, 367-73	9.3	43
74	Standing carbon-coated molybdenum dioxide nanosheets on graphene: morphology evolution and lithium ion storage properties. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 4706-4715	13	52
73	Microwave Hydrothermal Synthesis of Ni-based Metal-Organic Frameworks and Their Derived Yolk-Shell NiO for Li-Ion Storage and Supported Ammonia Borane for Hydrogen Desorption. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 1830-1838	8.3	75
72	Topotactical conversion of carbon coated Fe-based electrodes on graphene aerogels for lithium ion storage. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 14741-14749	13	42
71	Multilayer CuO@NiO Hollow Spheres: Microwave-Assisted Metal-Organic-Framework Derivation and Highly Reversible Structure-Matched Stepwise Lithium Storage. <i>ACS Nano</i> , <b>2015</b> , 9, 11462-71	16.7	290
70	New Cr <sub>2</sub> Mo <sub>3</sub> O <sub>12</sub> -based anodes: morphology tuning and Li-storage properties. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 15030-15038	13	11
69	Polyurethane-derived N-doped porous carbon with interconnected sheet-like structure as polysulfide reservoir for lithium-sulfur batteries. <i>Journal of Power Sources</i> , <b>2015</b> , 293, 119-126	8.9	68
68	Graphene-supported nickel chloride and cobalt chloride nanoparticles as highly efficient catalysts for dehydrogenation of ammonia borane. <i>International Journal of Hydrogen Energy</i> , <b>2015</b> , 40, 15389-15397	6.7	6
67	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. <i>Separation and Purification Technology</i> , <b>2015</b> , 142, 25-32	8.3	32
66	High-Performance Removal of Phosphate from Water by Graphene Nanosheets Supported Lanthanum Hydroxide Nanoparticles. <i>Water, Air, and Soil Pollution</i> , <b>2014</b> , 225, 1	2.6	24
65	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> , <b>2014</b> , 118, 25355-25364	3.8	129
64	Self-Assembly Behaviors of Heterogemini Surfactant in Aqueous Solution Investigated by Dissipative Particle Dynamics. <i>Journal of Dispersion Science and Technology</i> , <b>2014</b> , 35, 1300-1307	1.5	7
63	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> , <b>2014</b> , 4, 8582	3.7	32
62	A reduced graphene oxide supported Cu <sub>3</sub> SnS <sub>4</sub> composite as an efficient visible-light photocatalyst. <i>Dalton Transactions</i> , <b>2014</b> , 43, 7491-8	4.3	43
61	NiS nanorod-assembled nanoflowers grown on graphene: morphology evolution and Li-ion storage applications. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 15152-15158	13	87
60	Graphene-based nanocomposite anodes for lithium-ion batteries. <i>Nanoscale</i> , <b>2014</b> , 6, 11528-52	7.7	135
59	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> , <b>2014</b> , 133, 343-350	8.3	18

58	Four-layer tin-carbon nanotube yolk-shell materials for high-performance lithium-ion batteries. <i>ChemSusChem</i> , <b>2014</b> , 7, 1407-14	8.3	27
57	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> , <b>2014</b> , 266, 75-83	12.8	85
56	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> , <b>2014</b> , 391, 175-182		40
55	Graphene-wrapped CoS nanoparticles for high-capacity lithium-ion storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 801-6	9.5	203
54	Interconnected tin disulfide nanosheets grown on graphene for Li-ion storage and photocatalytic applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 12073-82	9.5	120
53	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> , <b>2013</b> , 378, 285-292		74
52	Sulfur film-coated reduced graphene oxide composite for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 9173	13	58
51	Graphene wrapped SnCo nanoparticles for high-capacity lithium ion storage. <i>Journal of Power Sources</i> , <b>2013</b> , 222, 526-532	8.9	69
50	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> , <b>2013</b> , 229, 183-189	14.7	58
49	Bismuth oxyiodide-graphene nanocomposites with high visible light photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 398, 161-7	9.3	108
48	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> , <b>2013</b> , 3, 3502	4.9	82
47	Confined Volume Change in Sn-Co-C Ternary Tube-in-Tube Composites for High-Capacity and Long-Life Lithium Storage. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 893-899	15.6	79
46	Facile synthesis of graphene-supported shuttle- and urchin-like CuO for high and fast Li-ion storage. <i>Electrochemistry Communications</i> , <b>2012</b> , 14, 82-85	5.1	77
45	Microwave hydrothermal synthesis of high performance tin-graphene nanocomposites for lithium ion batteries. <i>Journal of Power Sources</i> , <b>2012</b> , 216, 22-27	8.9	78
44	Synthesis, characterization and photocatalytic performance of novel visible-light-induced Ag/BiOI. <i>Applied Catalysis B: Environmental</i> , <b>2012</b> , 111-112, 271-279	21.8	223
43	NiO nanosheets grown on graphene nanosheets as superior anode materials for Li-ion batteries. <i>Nanoscale</i> , <b>2011</b> , 3, 2615-20	7.7	322
42	Sn@CNT nanostructures rooted in graphene with high and fast Li-storage capacities. <i>ACS Nano</i> , <b>2011</b> , 5, 8108-14	16.7	222
41	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> , <b>2011</b> , 115, 20747-20753	3.8	159



40	Carbon nanotubes grown in situ on graphene nanosheets as superior anodes for Li-ion batteries. <i>Nanoscale</i> , <b>2011</b> , 3, 4323-9	7.7	104
39	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> , <b>2011</b> , 223, 157-164	4.7	107
38	High-temperature synthesis of highly hydrothermal stable mesoporous silica and Fe <sub>3</sub> O <sub>4</sub> using ionic liquid as a template. <i>Journal of Solid State Chemistry</i> , <b>2011</b> , 184, 509-515	3.3	5
37	Microwave-assisted synthesis of porous nickel oxide nanostructures as anode materials for lithium-ion batteries. <i>Rare Metals</i> , <b>2011</b> , 30, 59-62	5.5	8
36	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> , <b>2011</b> , 21, 17916		96
35	Self-assembled echinus-like nanostructures of mesoporous CoO nanorod@CNT for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 6636		130
34	Antimony-doped tin oxide nanotubes for high capacity lithium storage. <i>Electrochemistry Communications</i> , <b>2011</b> , 13, 433-436	5.1	34
33	Microwave-Assisted Synthesis of Antimony Oxide Nanostructures and their Electrochemical Properties. <i>Materials Science Forum</i> , <b>2010</b> , 650, 157-162	0.4	2
32	Dissipative Particle Dynamics Simulation of Microscopic Properties in Diblock Copolymer Films. <i>Chinese Journal of Chemical Physics</i> , <b>2010</b> , 23, 274-280	0.9	1
31	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> , <b>2010</b> , 20, 9735		249
30	Nanoscale Si coating on the pore walls of SnO(2) nanotube anode for Li rechargeable batteries. <i>Chemical Communications</i> , <b>2010</b> , 46, 622-4	5.8	72
29	Depletion phenomenon in diblock copolymer films: a dissipative particle dynamics simulation. <i>Molecular Simulation</i> , <b>2010</b> , 36, 468-473	2	1
28	Indium Tin Oxide@Carbon Core-Shell Nanowire and Jagged Indium Tin Oxide Nanowire. <i>Nanoscale Research Letters</i> , <b>2010</b> , 5, 1682-5	5	17
27	Graphene supported Sn <sub>3</sub> Sb@carbon core-shell particles as a superior anode for lithium ion batteries. <i>Electrochemistry Communications</i> , <b>2010</b> , 12, 1302-1306	5.1	122
26	Macroporous Co <sub>3</sub> O <sub>4</sub> platelets with excellent rate capability as anodes for lithium ion batteries. <i>Electrochemistry Communications</i> , <b>2010</b> , 12, 101-105	5.1	136
25	Self-assembly nanostructures of one-dimensional antimony oxide and oxychloride. <i>Materials Letters</i> , <b>2009</b> , 63, 1481-1484	3.3	14
24	[email protected] and [email protected]@CNT nanostructures for superior reversible lithium ion storage. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3210-3215	9.6	175
23	One-dimensional SnO(2) nanostructures: facile morphology tuning and lithium storage properties. <i>Nanotechnology</i> , <b>2009</b> , 20, 345704	3.4	35

22	Li Storage Properties of Disordered Graphene Nanosheets. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 3136-3142	9.6	879
21	Preparation and Characterization of Carbon Nanospheres as Anode Materials in Lithium-Ion Secondary Batteries. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2008</b> , 47, 2294-2300	3.9	145
20	Bridging mesoporous carbon particles with carbon nanotubes. <i>Microporous and Mesoporous Materials</i> , <b>2007</b> , 98, 323-329	5.3	38
19	One-step, confined growth of bimetallic tin-antimony nanorods in carbon nanotubes grown in situ for reversible Li <sup>+</sup> ion storage. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7039-42	16.4	88
18	Highly Reversible Lithium Storage in Porous SnO <sub>2</sub> Nanotubes with Coaxially Grown Carbon Nanotube Overlayers. <i>Advanced Materials</i> , <b>2006</b> , 18, 645-649	24	456
17	Template-Free Synthesis of SnO <sub>2</sub> Hollow Nanostructures with High Lithium Storage Capacity. <i>Advanced Materials</i> , <b>2006</b> , 18, 2325-2329	24	1531
16	Hollow carbon spheres with a controllable shell structure. <i>Journal of Materials Chemistry</i> , <b>2006</b> , 16, 4413		125
15	Crystalline Carbon Hollow Spheres, Crystalline Carbon/SnO <sub>2</sub> Hollow Spheres, and Crystalline SnO <sub>2</sub> Hollow Spheres: Synthesis and Performance in Reversible Li-Ion Storage. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 1347-1353	9.6	364
14	Tin oxide nanocubes, and tin-core/tin oxide-shell nanostructures, with and without a hollow interior. <i>Journal of Nanoparticle Research</i> , <b>2006</b> , 8, 1053-1057	2.3	4
13	Synthesis of graphitic ordered macroporous carbon with a three-dimensional interconnected pore structure for electrochemical applications. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 20200-6	3.4	184
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10	Tin Nanoparticle Loaded Graphite Anodes for Li-Ion Battery Applications. <i>Journal of the Electrochemical Society</i> , <b>2004</b> , 151, A1804	3.9	86
9	Microemulsion Syntheses of Sn and SnO <sub>2</sub> -Graphite Nanocomposite Anodes for Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , <b>2004</b> , 151, A563	3.9	47
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7	Controlled Synthesis of V-shaped SnO <sub>2</sub> Nanorods. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 13589-13593	3.4	63
6	Molten Salt Synthesis of Tin Oxide Nanorods: Morphological and Electrochemical Features. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 17832-17837	3.4	156
5	Microemulsion Synthesis of Tin Oxide-Graphite Nanocomposites as Negative Electrode Materials for Lithium-Ion Batteries. <i>Electrochemical and Solid-State Letters</i> , <b>2003</b> , 6, A19		31

4	Preparation of SnO <sub>2</sub> /graphite nanocomposite anodes by urea-mediated hydrolysis. <i>Electrochemistry Communications</i> , <b>2003</b> , 5, 292-296	5.1	50
3	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> , 2102158	4.6	1
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