

Jian Yang

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.

260
papers

19,170
citations

68
h-index

133
g-index

272
ext. papers

21,827
ext. citations

9.2
avg, IF

6.87
L-index

#	Paper	IF	Citations
260	Construction of Fluorinated Amino Acid Derivatives via Cobalt-Catalyzed Oxidative Difunctionalization of Cyclic Ethers.. <i>Organic Letters</i> , 2022 ,	6.2	1
259	Site-Selective Adsorption on ZnF/Ag Coated Zn for Advanced Aqueous Zinc-Metal Batteries at Low Temperature.. <i>Nano Letters</i> , 2022 ,	11.5	17
258	Nitrogen and fluorine co-doped TiO ₂ /carbon microspheres for advanced anodes in sodium-ion batteries: High volumetric capacity, superior power density and large areal capacity. <i>Journal of Energy Chemistry</i> , 2022 , 68, 104-112	12	3
257	Multi-dimensional hybrid flexible films promote uniform lithium deposition and mitigate volume change as lithium metal anodes. <i>Journal of Energy Chemistry</i> , 2022 , 65, 583-591	12	0
256	Morphologically and chemically regulated 3D carbon for Dendrite-free lithium metal anodes by a plasma processing.. <i>Journal of Colloid and Interface Science</i> , 2022 , 619, 198-206	9.3	1
255	Intermolecular diastereoselective annulation of azaarenes into fused N-heterocycles by Ru(II) reductive catalysis.. <i>Nature Communications</i> , 2022 , 13, 2393	17.4	3
254	Forming Solid-Electrolyte Interphases with Rich Grain Boundaries on 3D Lithiophilic Skeleton for Low-Temperature Lithium Metal Batteries. <i>Energy Storage Materials</i> , 2022 , 49, 454-462	19.4	4
253	Simultaneously in-situ fabrication of lithium fluoride and sulfide enriched artificial solid electrolyte interface facilitates high stable lithium metal anode. <i>Chemical Engineering Journal</i> , 2021 , 433, 133193	14.7	1
252	Voltage-Modulated Structure Stress for Enhanced Electrochemical Performances: The Case of ESn in Sodium-Ion Batteries. <i>Nano Letters</i> , 2021 , 21, 3588-3595	11.5	12
251	Phase-Separation-Induced Porous Lithiophilic Polymer Coating for High-Efficiency Lithium Metal Batteries. <i>Nano Letters</i> , 2021 , 21, 4757-4764	11.5	15
250	Layered Structure Na ₂ Ti ₃ O ₇ as a Promising Anode Material for Sodium-Ion Batteries. <i>Advanced Energy and Sustainability Research</i> , 2021 , 2, 2000095	1.6	1
249	N, P-codoped graphene supported few-layered MoS ₂ as a long-life and high-rate anode materials for potassium-ion storage. <i>Nano Research</i> , 2021 , 14, 3523-3530	10	8
248	SiO _x embedded in N-doped carbon nanoslices: A scalable synthesis of high-performance anode material for lithium-ion batteries. <i>Carbon</i> , 2021 , 178, 202-210	10.4	6
247	syn-Selective Construction of Fused Heterocycles by Catalytic Reductive Tandem Functionalization of N-Heteroarenes. <i>ACS Catalysis</i> , 2021 , 11, 9271-9278	13.1	6
246	Plasma-Assisted Synthesis of Defect-Rich O and N Codoped Carbon Nanofibers Loaded with Manganese Oxides as an Efficient Oxygen Reduction Electrocatalyst for Aluminum-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 37123-37132	9.5	3
245	Revisit Electrolyte Chemistry of Hard Carbon in Ether for Na Storage. <i>Jacs Au</i> , 2021 , 1, 1208-1216		2
244	Improved Na storage and Coulombic efficiency in TiP ₂ O ₇ @C microflowers for sodium ion batteries. <i>Nano Research</i> , 2021 , 14, 139-147	10	3

243	Sandwich-structured dual carbon modified bismuth nanosphere composites as long-cycle and high-rate anode materials for sodium-ion batteries. <i>Electrochimica Acta</i> , 2021 , 365, 137379	6.7	6
242	Ti ₃ C ₂ T _x with a hydroxyl-rich surface for metal sulfides as high performance electrode materials for sodium/lithium storage. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 14013-14024	13	10
241	Removing Pb with a pectin-rich fiber from sisal waste. <i>Food and Function</i> , 2021 , 12, 2418-2427	6.1	2
240	Promises and Challenges of Sn-Based Anodes for Sodium-Ion Batteries. <i>Chinese Journal of Chemistry</i> , 2021 , 39, 2931-2942	4.9	0
239	Revisit sodium-storage mechanism of metal selenides in ether-based electrolytes: Electrochemically-driven Cu permeation to the formation of Cu ₂ -xSe. <i>Energy Storage Materials</i> , 2021 , 40, 189-196	19.4	11
238	Bimetallic composite induced ultra-stable solid electrolyte interphase for dendrite-free lithium metal anode. <i>Journal of Colloid and Interface Science</i> , 2021 , 599, 819-827	9.3	4
237	Solid-state batteries designed with high ion conductive composite polymer electrolyte and silicon anode. <i>Energy Storage Materials</i> , 2021 , 43, 165-171	19.4	12
236	High loading of NiFe active sites on a melamine formaldehyde carbon-based aerogel towards efficient bi-functional electrocatalysis for water splitting. <i>Sustainable Energy and Fuels</i> , 2021 , 5, 4973-4980	5.8	1
235	Microemulsion synthesis of ZnMn ₂ O ₄ /Mn ₃ O ₄ sub-microrods for Li-ion batteries and their conversion reaction mechanism. <i>Transactions of Nonferrous Metals Society of China</i> , 2021 , 31, 265-276	3.3	2
234	Zn-doping Effects of Na-rich NaVZn(PO) ₄ /C cathodes for Na-Ion Batteries: Lattice distortion induced by doping site and enhanced electrochemical performance.. <i>Journal of Colloid and Interface Science</i> , 2021 , 616, 246-252	9.3	2
233	Simplified Synthesis of Biomass-Derived Si/C Composites as Stable Anode Materials for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2020 , 26, 10544-10549	4.8	9
232	Lanthanum-Doped Strontium Stannate for Efficient Electron-Transport Layers in Planar Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2020 , 3, 6889-6896	6.1	7
231	Catalytic Conversion of N-Heteroaromatics to Functionalized Arylamines by Merging Hydrogen Transfer and Selective Coupling. <i>ACS Catalysis</i> , 2020 , 10, 5243-5249	13.1	18
230	Hydrogen Transfer-Mediated Multicomponent Reaction for Direct Synthesis of Quinazolines by a Naphthyridine-Based Iridium Catalyst. <i>IScience</i> , 2020 , 23, 101003	6.1	8
229	Chlorine-doped SnO ₂ hydrophobic surfaces for large grain perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 11638-11646	7.1	22
228	Polypyrrole-controlled plating/stripping for advanced zinc metal anodes. <i>Materials Today Energy</i> , 2020 , 17, 100443	7	19
227	Pseudocapacitance boosted N-doped carbon coated Fe ₇ S ₈ nanoaggregates as promising anode materials for lithium and sodium storage. <i>Nano Research</i> , 2020 , 13, 691-700	10	47
226	Carbon-coated mesoporous Co ₉ S ₈ nanoparticles on reduced graphene oxide as a long-life and high-rate anode material for potassium-ion batteries. <i>Nano Research</i> , 2020 , 13, 802-809	10	32

225	Stable Lithium Deposition Enabled by an Acid-Treated g-CN Interface Layer for a Lithium Metal Anode. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 11265-11272	9.5	13
224	ZIF-Derived Cobalt-Containing N-Doped Carbon-Coated SiO Nanoparticles for Superior Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 7206-7211	9.5	19
223	Electronic structure modulation of bifunctional oxygen catalysts for rechargeable Zn air batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 1229-1237	13	11
222	Synergistic effect of interface layer and mechanical pressure for advanced Li metal anodes. <i>Energy Storage Materials</i> , 2020 , 26, 112-118	19.4	13
221	Pressure-tuned and surface-oxidized copper foams for dendrite-free Li metal anodes. <i>Materials Today Energy</i> , 2020 , 15, 100367	7	6
220	Few-layer WSe ₂ lateral homo- and hetero-junctions with superior optoelectronic performance by laser manufacturing. <i>Science China Technological Sciences</i> , 2020 , 63, 1531-1537	3.5	3
219	Crystalline Sb or Bi in amorphous Ti-based oxides as anode materials for sodium storage. <i>Chemical Engineering Journal</i> , 2020 , 380, 122624	14.7	15
218	Pomegranate-Structured ZnMn ₂ O ₄ Microspheres for Long Cycle Life Lithium Ion Anode and Elucidation of Its Conversion Mechanism. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 060507	3.9	2
217	Polyanions Enhance Conversion Reactions for Lithium/Sodium-Ion Batteries: The Case of SbVO ₄ Nanoparticles on Reduced Graphene Oxide. <i>Small Methods</i> , 2019 , 3, 1900231	12.8	20
216	Uniform nucleation of sodium in 3D carbon nanotube framework via oxygen doping for long-life and efficient Na metal anodes. <i>Energy Storage Materials</i> , 2019 , 23, 137-143	19.4	49
215	Direct Structure-Performance Comparison of All-Carbon Potassium and Sodium Ion Capacitors. <i>Advanced Science</i> , 2019 , 6, 1802272	13.6	75
214	MOF-derived manganese monoxide nanosheet-assembled microflowers for enhanced lithium-ion storage. <i>Nanoscale</i> , 2019 , 11, 10763-10773	7.7	22
213	Preparation of Porous TiO ₂ from an Iso-Polyoxotitanate Cluster for Rechargeable Sodium-Ion Batteries with High Performance. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 7025-7032	3.8	6
212	Spatial separation of lithiophilic surface and superior conductivity for advanced Li metal anode: the case of acetylene black and N-doped carbon spheres. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 8765-8770	7.3	19
211	2D MOF induced accessible and exclusive Co single sites for an efficient O-silylation of alcohols with silanes. <i>Chemical Communications</i> , 2019 , 55, 6563-6566	5.8	25
210	Li ₃ VO ₄ nanoparticles in N-doped carbon with porous structure as an advanced anode material for lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2019 , 370, 606-613	14.7	32
209	Mesoporous Cu ₂ -xSe nanocrystals as an ultrahigh-rate and long-lifespan anode material for sodium-ion batteries. <i>Energy Storage Materials</i> , 2019 , 22, 275-283	19.4	43
208	Controllable morphologies and electrochemical performances of self-assembled nano-honeycomb WS ₂ anodes modified by graphene doping for lithium and sodium ion batteries. <i>Carbon</i> , 2019 , 142, 697-706	10.4	56

207	Potassium Ion Storage: Direct Structure Performance Comparison of All-Carbon Potassium and Sodium Ion Capacitors (Adv. Sci. 12/2019). <i>Advanced Science</i> , 2019 , 6, 1970075	13.6	3
206	Cellulose-Hydrogel-Derived Self-Activated Carbon/SnO ₂ Nanocomposites for High-Performance Lithium Storage. <i>ACS Applied Energy Materials</i> , 2019 , 2, 5171-5182	6.1	22
205	Investigation of ordered mesoporous carbon@MnO core-shell nanospheres as anode material for lithium-ion batteries. <i>Journal of Materials Science</i> , 2019 , 54, 6461-6470	4.3	12
204	Tailored N-doped porous carbon nanocomposites through MOF self-assembling for Li/Na ion batteries. <i>Journal of Colloid and Interface Science</i> , 2019 , 538, 267-276	9.3	51
203	Uniform Co ₃ V ₂ O ₈ microspheres via controllable assembly for high-performance lithium-ion battery anodes. <i>New Journal of Chemistry</i> , 2018 , 42, 4881-4886	3.6	7
202	Pt/Co-Au Dumbbell-Like Nanorods for Enhanced Electrocatalytic Performance of Formic Acid Electrooxidation. <i>Particle and Particle Systems Characterization</i> , 2018 , 35, 1700379	3.1	1
201	TiO ₂ on MoSe ₂ nanosheets as an advanced photocatalyst for hydrogen evolution in visible light. <i>Catalysis Communications</i> , 2018 , 106, 60-63	3.2	17
200	Solid-Solution Anion-Enhanced Electrochemical Performances of Metal Sulfides/Selenides for Sodium-Ion Capacitors: The Case of FeSSe. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10945-10954	9.5	63
199	Hierarchically porous Li ₃ VO ₄ /C nanocomposite as an advanced anode material for high-performance lithium-ion capacitors. <i>Journal of Power Sources</i> , 2018 , 384, 240-248	8.9	29
198	A single palladium site catalyst as a bridge for converting homogeneous to heterogeneous in dimerization of terminal aryl acetylenes. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 1317-1322	7.8	20
197	Plasmon-enhanced electrocatalytic hydrogen/oxygen evolution by Pt/FeAu nanorods. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 7364-7369	13	31
196	Excellent microwave absorption of lead halide perovskites with high stability. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 4201-4207	7.1	15
195	Few-atomic-layered hollow nanospheres constructed from alternate intercalation of carbon and MoS ₂ monolayers for sodium and lithium storage. <i>Nano Energy</i> , 2018 , 51, 546-555	17.1	71
194	Anchoring and space-confinement effects to form ultrafine Ru nanoclusters for efficient hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 13859-13866	13	42
193	Lithium phosphide/lithium chloride coating on lithium for advanced lithium metal anode. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15859-15867	13	49
192	Truncated cobalt hexacyanoferrate nanocubes threaded by carbon nanotubes as a high-capacity and high-rate cathode material for dual-ion rechargeable aqueous batteries. <i>Journal of Power Sources</i> , 2018 , 399, 1-7	8.9	19
191	Influence of PEG Stoichiometry on Structure-Tuned Formation of Self-Assembled Submicron Nickel Particles. <i>Materials</i> , 2018 , 11,	3.5	1
190	Comprehensive New Insights and Perspectives into Ti-Based Anodes for Next-Generation Alkaline Metal (Na ⁺ , K ⁺) Ion Batteries. <i>Advanced Energy Materials</i> , 2018 , 8, 1801888	21.8	100

189	Efficient and Robust Hydrogen Evolution: Phosphorus Nitride Imide Nanotubes as Supports for Anchoring Single Ruthenium Sites. <i>Angewandte Chemie</i> , 2018 , 130, 9639-9644	3.6	21
188	Efficient and Robust Hydrogen Evolution: Phosphorus Nitride Imide Nanotubes as Supports for Anchoring Single Ruthenium Sites. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9495-9500	16.4	140
187	Layered-Structure SbPO/Reduced Graphene Oxide: An Advanced Anode Material for Sodium Ion Batteries. <i>ACS Nano</i> , 2018 , 12, 12869-12878	16.7	60
186	Site-Specific Oxidative C-H Chalcogenation of (Hetero)Aryl-Fused Cyclic Amines Enabled by Nanocobalt Oxides. <i>Organic Letters</i> , 2018 , 20, 6554-6558	6.2	14
185	Long Cycle Life All-Solid-State Sodium Ion Battery. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 39645-39650	9.5	30
184	Metal-organic framework-derived Co _{0.85} Se nanoparticles in N-doped carbon as a high-rate and long-lifespan anode material for potassium ion batteries. <i>Materials Today Energy</i> , 2018 , 10, 241-248	7	82
183	In Situ Thermal Atomization To Convert Supported Nickel Nanoparticles into Surface-Bound Nickel Single-Atom Catalysts. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14095-14100	16.4	206
182	SnP ₂ O ₇ Covered Carbon Nanosheets as a Long-Life and High-Rate Anode Material for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , 2018 , 28, 1804672	15.6	57
181	In Situ Thermal Atomization To Convert Supported Nickel Nanoparticles into Surface-Bound Nickel Single-Atom Catalysts. <i>Angewandte Chemie</i> , 2018 , 130, 14291-14296	3.6	30
180	Lithiation-induced amorphization of Pd ₃ P ₂ S ₈ for highly efficient hydrogen evolution. <i>Nature Catalysis</i> , 2018 , 1, 460-468	36.5	153
179	Simple synthesis of a porous Sb/Sb ₂ O ₃ nanocomposite for a high-capacity anode material in Na-ion batteries. <i>Nano Research</i> , 2017 , 10, 1794-1803	10	53
178	MoSe ₂ -Covered N,P-Doped Carbon Nanosheets as a Long-Life and High-Rate Anode Material for Sodium-Ion Batteries. <i>Advanced Functional Materials</i> , 2017 , 27, 1700522	15.6	353
177	High-Performance All-Inorganic Solid-State Sodium-Sulfur Battery. <i>ACS Nano</i> , 2017 , 11, 4885-4891	16.7	96
176	Growth of Au Nanoparticles on 2D Metalloporphyrinic Metal-Organic Framework Nanosheets Used as Biomimetic Catalysts for Cascade Reactions. <i>Advanced Materials</i> , 2017 , 29, 1700102	24	283
175	Ionic Exchange of Metal-Organic Frameworks to Access Single Nickel Sites for Efficient Electroreduction of CO. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8078-8081	16.4	825
174	Recent Advances in Ultrathin Two-Dimensional Nanomaterials. <i>Chemical Reviews</i> , 2017 , 117, 6225-6331	68.1	2919
173	Vanadium sulfide sub-microspheres: A new near-infrared-driven photocatalyst. <i>Journal of Colloid and Interface Science</i> , 2017 , 498, 442-448	9.3	26
172	Graphene Oxide Scroll Meshes Prepared by Molecular Combing for Transparent and Flexible Electrodes. <i>Advanced Materials Technologies</i> , 2017 , 2, 1600231	6.8	11

171	One-Dimensional Yolk-Shell Sb@Ti-O-P Nanostructures as a High-Capacity and High-Rate Anode Material for Sodium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 447-454	9.5	68
170	Graphene coated Co ₃ V ₂ O ₈ micro-pencils for enhanced-performance in lithium ion batteries. <i>New Journal of Chemistry</i> , 2017 , 41, 10634-10639	3.6	16
169	Variation of carbon coatings on the electrochemical performance of LiFePO ₄ cathodes for lithium ionic batteries. <i>RSC Advances</i> , 2017 , 7, 44296-44302	3.7	11
168	Nickel hexacyanoferrate/carbon composite as a high-rate and long-life cathode material for aqueous hybrid energy storage. <i>Chemical Communications</i> , 2017 , 53, 10556-10559	5.8	18
167	Pt ₄ PdCu _{0.4} alloy nanoframes as highly efficient and robust bifunctional electrocatalysts for oxygen reduction reaction and formic acid oxidation. <i>Nano Energy</i> , 2017 , 39, 532-538	17.1	84
166	FeFe(CN) Nanocubes as a Bipolar Electrode Material in Aqueous Symmetric Sodium-Ion Batteries. <i>ChemPlusChem</i> , 2017 , 82, 1170-1173	2.8	17
165	An in situ iodine-doped graphene/silicon composite paper as a highly conductive and self-supporting electrode for lithium-ion batteries. <i>RSC Advances</i> , 2017 , 7, 38639-38646	3.7	9
164	Carbonates (bicarbonates)/reduced graphene oxide as anode materials for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 24645-24650	13	15
163	Biphase-Interface Enhanced Sodium Storage and Accelerated Charge Transfer: Flower-Like Anatase/Bronze TiO ₂ /C as an Advanced Anode Material for Na-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43648-43656	9.5	53
162	Facile and controllable synthesis of solid Co ₃ V ₂ O ₈ micro-pencils as a highly efficient anode for Li-ion batteries. <i>RSC Advances</i> , 2017 , 7, 24418-24424	3.7	16
161	Uncoordinated Amine Groups of Metal-Organic Frameworks to Anchor Single Ru Sites as Chemoselective Catalysts toward the Hydrogenation of Quinoline. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9419-9422	16.4	389
160	VS 4 nanoparticles rooted by a-C coated MWCNTs as an advanced anode material in lithium ion batteries. <i>Energy Storage Materials</i> , 2017 , 6, 149-156	19.4	99
159	Titelbild: Porous Molybdenum Phosphide Nano-Octahedrons Derived from Confined Phosphorization in UIO-66 for Efficient Hydrogen Evolution (Angew. Chem. 41/2016). <i>Angewandte Chemie</i> , 2016 , 128, 12733-12733	3.6	
158	In Situ Synthesis of Metal Sulfide Nanoparticles Based on 2D Metal-Organic Framework Nanosheets. <i>Small</i> , 2016 , 12, 4669-74	11	88
157	Self-Assembly of Single-Layer CoAl-Layered Double Hydroxide Nanosheets on 3D Graphene Network Used as Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Advanced Materials</i> , 2016 , 28, 7640-5	24	296
156	Porous Molybdenum Phosphide Nano-Octahedrons Derived from Confined Phosphorization in UIO-66 for Efficient Hydrogen Evolution. <i>Angewandte Chemie</i> , 2016 , 128, 13046-13050	3.6	86
155	Double-Walled Sb@TiO _{2-x} Nanotubes as a Superior High-Rate and Ultralong-Lifespan Anode Material for Na-Ion and Li-Ion Batteries. <i>Advanced Materials</i> , 2016 , 28, 4126-33	24	340
154	Design and synthesis of a stable-performance P2-type layered cathode material for sodium ion batteries. <i>RSC Advances</i> , 2016 , 6, 55327-55330	3.7	4

153	Charge transfer accelerates galvanic replacement for PtAgAu nanotubes with enhanced catalytic activity. <i>Nano Research</i> , 2016 , 9, 1173-1181	10	17
152	Preparation of Single-Layer MoS(2x)Se2(1-x) and Mo(x)W(1-x)S2 Nanosheets with High-Concentration Metallic 1T Phase. <i>Small</i> , 2016 , 12, 1866-74	11	91
151	Conductive Polymer-Coated VS4 Submicrospheres As Advanced Electrode Materials in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 18797-805	9.5	106
150	Evaluation of operational flexibility for power system with energy storage 2016 ,		4
149	Analysis on operational flexibility and generation reliability in generation schedule 2016 ,		1
148	Synthesis of Two-Dimensional CoS1.097/Nitrogen-Doped Carbon Nanocomposites Using Metal-Organic Framework Nanosheets as Precursors for Supercapacitor Application. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6924-7	16.4	485
147	Hierarchically Porous CuCo2O4 Microflowers: a Superior Anode Material for Li-ion Batteries and a Stable Cathode Electrocatalyst for Li-O2 Batteries. <i>Electrochimica Acta</i> , 2016 , 208, 148-155	6.7	39
146	Gold nanorods coated by oxygen-deficient TiO2 as an advanced photocatalyst for hydrogen evolution. <i>RSC Advances</i> , 2016 , 6, 39144-39149	3.7	16
145	Surface-disordered and oxygen-deficient LiTi2-xMnx(PO4-y)3 nanoparticles for enhanced lithium-ion storage. <i>Journal of Power Sources</i> , 2016 , 320, 94-103	8.9	6
144	Mesoporous Amorphous Silicon: A Simple Synthesis of a High-Rate and Long-Life Anode Material for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14063-14066	16.4	139
143	Mesoporous Amorphous Silicon: A Simple Synthesis of a High-Rate and Long-Life Anode Material for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2016 , 128, 14269-14272	3.6	27
142	Multiwalled carbon nanotube@a-C@Co9S8 nanocomposites: a high-capacity and long-life anode material for advanced lithium ion batteries. <i>Nanoscale</i> , 2015 , 7, 3520-5	7.7	96
141	Sensors: DNA-Templated Silver Nanoclusters for Multiplexed Fluorescent DNA Detection (Small 12/2015). <i>Small</i> , 2015 , 11, 1384-1384	11	1
140	Hydrogenated TiO2 Branches Coated Mn3O4 Nanorods as an Advanced Anode Material for Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 10348-55	9.5	77
139	Mn3O4@C core-shell composites as an improved anode for advanced lithium ion batteries. <i>RSC Advances</i> , 2015 , 5, 46829-46833	3.7	13
138	Controlled synthesis of bimetallic Pd-Rh nanoframes and nanoboxes with high catalytic performances. <i>Nanoscale</i> , 2015 , 7, 9558-62	7.7	50
137	Tunnel-structured Na(0.54)Mn(0.50)Ti(0.51)O2 and Na(0.54)Mn(0.50)Ti(0.51)O2/C nanorods as advanced cathode materials for sodium-ion batteries. <i>Chemical Communications</i> , 2015 , 51, 8480-3	5.8	28
136	General Synthesis of MnOx (MnO2, Mn2O3, Mn3O4, MnO) Hierarchical Microspheres as Lithium-ion Battery Anodes. <i>Electrochimica Acta</i> , 2015 , 184, 250-256	6.7	121

135	Triple-walled SnO ₂ @N-doped carbon@SnO ₂ nanotubes as an advanced anode material for lithium and sodium storage. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23194-23200	13	64
134	Coaxial Manganese Dioxide@N-doped Carbon Nanotubes as Superior Anodes for Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2015 , 182, 676-681	6.7	30
133	Surface-Amorphous and Oxygen-Deficient LiVO as a Promising Anode Material for Lithium-Ion Batteries. <i>Advanced Science</i> , 2015 , 2, 1500090	13.6	73
132	Synthesis of 4H/fcc-Au@Metal Sulfide Core-Shell Nanoribbons. <i>Journal of the American Chemical Society</i> , 2015 , 137, 10910-3	16.4	35
131	One-pot solvothermal synthesis of graphene wrapped rice-like ferrous carbonate nanoparticles as anode materials for high energy lithium-ion batteries. <i>Nanoscale</i> , 2015 , 7, 232-9	7.7	45
130	Reduced graphene oxide-wrapped MoO ₃ composites prepared by using metal-organic frameworks as precursor for all-solid-state flexible supercapacitors. <i>Advanced Materials</i> , 2015 , 27, 4695-701	24	326
129	Porous MnFe ₂ O ₄ microrods as advanced anodes for Li-ion batteries with long cycle lifespan. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 9550-9555	13	43
128	Ether-based nonflammable electrolyte for room temperature sodium battery. <i>Journal of Power Sources</i> , 2015 , 284, 222-226	8.9	40
127	Coaxial MnO/N-doped carbon nanorods for advanced lithium-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1037-1041	13	172
126	Hollow nanospheres of mesoporous Co ₉ S ₈ as a high-capacity and long-life anode for advanced lithium ion batteries. <i>Nano Energy</i> , 2015 , 12, 528-537	17.1	256
125	Hybrid Fibers Made of Molybdenum Disulfide, Reduced Graphene Oxide, and Multi-Walled Carbon Nanotubes for Solid-State, Flexible, Asymmetric Supercapacitors. <i>Angewandte Chemie</i> , 2015 , 127, 4734-4739	26	85
124	Kinetics-controlled growth of bimetallic RhAg on Au nanorods and their catalytic properties. <i>Nanoscale</i> , 2014 , 6, 4258-63	7.7	14
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119	Facile synthesis of hierarchically porous NiO micro-tubes as advanced anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 16847-16850	13	68
118	General synthesis of hollow MnO ₂ , Mn ₃ O ₄ and MnO nanospheres as superior anode materials for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 17421-17426	13	189

117	Gold nanorod-templated synthesis of polymetallic hollow nanostructures with enhanced electrocatalytic performance. <i>Nanoscale</i> , 2014 , 6, 11732-7	7.7	15
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112	A comparative study of lithium-storage performances of hematite: Nanotubes vs. nanorods. <i>Journal of Power Sources</i> , 2014 , 245, 429-435	8.9	58
111	Novel mesoporous silicon nanorod as an anode material for lithium ion batteries. <i>Electrochimica Acta</i> , 2014 , 127, 252-258	6.7	84
110	Facile synthesis of loaf-like ZnMn ₂ O ₄ nanorods and their excellent performance in Li-ion batteries. <i>Nanoscale</i> , 2013 , 5, 2442-7	7.7	161
109	One-step solid state reaction to selectively fabricate cubic and tetragonal CuFe ₂ O ₄ anode material for high power lithium ion batteries. <i>Electrochimica Acta</i> , 2013 , 102, 51-57	6.7	103
108	Hybrid PdAg alloy-Au nanorods: Controlled growth, optical properties and electrochemical catalysis. <i>Nano Research</i> , 2013 , 6, 571-580	10	32
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