

Jin-Tao Zhang

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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.

173 papers	18,246 citations	66 h-index	134 g-index
184 ext. papers	21,143 ext. citations	11.2 avg, IF	7.63 L-index

#	Paper	IF	Citations
173	A metal-free bifunctional electrocatalyst for oxygen reduction and oxygen evolution reactions. <i>Nature Nanotechnology</i> , 2015 , 10, 444-52	28.7	2290
172	Hollow Carbon Nanofibers Filled with MnO ₂ Nanosheets as Efficient Sulfur Hosts for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12886-90	16.4	691
171	A high-performance asymmetric supercapacitor fabricated with graphene-based electrodes. <i>Energy and Environmental Science</i> , 2011 , 4, 4009	35.4	666
170	N,P-Codoped Carbon Networks as Efficient Metal-free Bifunctional Catalysts for Oxygen Reduction and Hydrogen Evolution Reactions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2230-4	16.4	638
169	Conducting Polymers Directly Coated on Reduced Graphene Oxide Sheets as High-Performance Supercapacitor Electrodes. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 5420-5426	3.8	581
168	Graphene-metal oxide composites for the degradation of dyes under visible light irradiation. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3634		574
167	A sulfur host based on titanium monoxide@carbon hollow spheres for advanced lithium-sulfur batteries. <i>Nature Communications</i> , 2016 , 7, 13065	17.4	511
166	Ultrathin MnO ₂ nanofibers grown on graphitic carbon spheres as high-performance asymmetric supercapacitor electrodes. <i>Journal of Materials Chemistry</i> , 2012 , 22, 153-160		503
165	Double-Shelled Nanocages with Cobalt Hydroxide Inner Shell and Layered Double Hydroxides Outer Shell as High-Efficiency Polysulfide Mediator for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3982-6	16.4	447
164	Carbon-based electrocatalysts for advanced energy conversion and storage. <i>Science Advances</i> , 2015 , 1, e1500564	14.3	434
163	Heteroatom-Doped Graphitic Carbon Catalysts for Efficient Electrocatalysis of Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2015 , 5, 7244-7253	13.1	422
162	Nitrogen, Phosphorus, and Fluorine Tri-doped Graphene as a Multifunctional Catalyst for Self-Powered Electrochemical Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13296-13300	16.4	406
161	Preparation, characterization and antibacterial properties of silver-modified graphene oxide. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3350-3352		373
160	Nanoporous metals: fabrication strategies and advanced electrochemical applications in catalysis, sensing and energy systems. <i>Chemical Society Reviews</i> , 2012 , 41, 7016-31	58.5	368
159	On the configuration of supercapacitors for maximizing electrochemical performance. <i>ChemSusChem</i> , 2012 , 5, 818-41	8.3	359
158	Synthesis and Capacitive Properties of Manganese Oxide Nanosheets Dispersed on Functionalized Graphene Sheets. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 6448-6454	3.8	332
157	Nanostructured Porous Gold for Methanol Electro-Oxidation. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 10382-10388	3.8	321

156	Unusual Formation of CoSe@carbon Nanoboxes, which have an Inhomogeneous Shell, for Efficient Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9514-8	16.4	270
155	The cost of Alzheimer's disease in China and re-estimation of costs worldwide. <i>Alzheimer's and Dementia</i> , 2018 , 14, 483-491	1.2	205
154	Nickel-Iron Layered Double Hydroxide Hollow Polyhedrons as a Superior Sulfur Host for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10944-10948	16.4	205
153	A Compact Nanoconfined Sulfur Cathode for High-Performance Lithium-Sulfur Batteries. <i>Joule</i> , 2017 , 1, 576-587	27.8	194
152	Implementation of dispersion-free slow acoustic wave propagation and phase engineering with helical-structured metamaterials. <i>Nature Communications</i> , 2016 , 7, 11731	17.4	192
151	Ultrafine Dual-Phased Carbide Nanocrystals Confined in Porous Nitrogen-Doped Carbon Dodecahedrons for Efficient Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2019 , 31, e1900699	24	191
150	N,P-Codoped Carbon Networks as Efficient Metal-free Bifunctional Catalysts for Oxygen Reduction and Hydrogen Evolution Reactions. <i>Angewandte Chemie</i> , 2016 , 128, 2270-2274	3.6	185
149	DNA-Functionalized Graphene to Guide Growth of Highly Active Pd Nanocrystals as Efficient Electrocatalyst for Direct Formic Acid Fuel Cells. <i>Advanced Energy Materials</i> , 2013 , 3, 167-171	21.8	185
148	The role of oxygen vacancies of ABO ₃ perovskite oxides in the oxygen reduction reaction. <i>Energy and Environmental Science</i> , 2020 , 13, 1408-1428	35.4	181
147	Functionalization of chemically derived graphene for improving its electrocapacitive energy storage properties. <i>Energy and Environmental Science</i> , 2016 , 9, 1891-1930	35.4	181
146	A pyrolyzed polyacrylonitrile/selenium disulfide composite cathode with remarkable lithium and sodium storage performances. <i>Science Advances</i> , 2018 , 4, eaat1687	14.3	172
145	Designed Formation of Double-Shelled Ni-Fe Layered-Double-Hydroxide Nanocages for Efficient Oxygen Evolution Reaction. <i>Advanced Materials</i> , 2020 , 32, e1906432	24	167
144	Edge-doping modulation of N, P-codoped porous carbon spheres for high-performance rechargeable Zn-air batteries. <i>Nano Energy</i> , 2019 , 60, 536-544	17.1	163
143	Unveiling the Activity Origin of Electrocatalytic Oxygen Evolution over Isolated Ni Atoms Supported on a N-Doped Carbon Matrix. <i>Advanced Materials</i> , 2019 , 31, e1904548	24	151
142	Porous carbon nanosheets with precisely tunable thickness and selective CO ₂ adsorption properties. <i>Energy and Environmental Science</i> , 2013 , 6, 3740	35.4	151
141	Ternary doped porous carbon nanofibers with excellent ORR and OER performance for zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 10918-10925	13	150
140	Enhancement of Electrochemical Performance of Macroporous Carbon by Surface Coating of Polyaniline. <i>Chemistry of Materials</i> , 2010 , 22, 1195-1202	9.6	146
139	Atomic Modulation and Structure Design of Carbons for Bifunctional Electrocatalysis in Metal-Air Batteries. <i>Advanced Materials</i> , 2019 , 31, e1803800	24	141

138	Nitrogen-doped hierarchically porous carbon networks: synthesis and applications in lithium-ion battery, sodium-ion battery and zinc-air battery. <i>Electrochimica Acta</i> , 2016 , 219, 592-603	6.7	138
137	Sandwich-Type Microporous Carbon Nanosheets for Enhanced Supercapacitor Performance. <i>Advanced Energy Materials</i> , 2013 , 3, 1421-1427	21.8	130
136	Electrochemical Synthesis, Voltammetric Behavior, and Electrocatalytic Activity of Pd Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 2456-2461	3.8	129
135	Encapsulation of zinc hexacyanoferrate nanocubes with manganese oxide nanosheets for high-performance rechargeable zinc ion batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 23628-23633	13	128
134	3 D Porous Nickel-Cobalt Nitrides Supported on Nickel Foam as Efficient Electrocatalysts for Overall Water Splitting. <i>ChemSusChem</i> , 2017 , 10, 4170-4177	8.3	127
133	Nitrogen, Fluorine, and Boron Ternary Doped Carbon Fibers as Cathode Electrocatalysts for Zinc-Air Batteries. <i>Small</i> , 2018 , 14, e1800737	11	126
132	Embedding CoS ₂ nanoparticles in N-doped carbon nanotube hollow frameworks for enhanced lithium storage properties. <i>Nano Research</i> , 2017 , 10, 4298-4304	10	122
131	Template Synthesis of Tubular Ruthenium Oxides for Supercapacitor Applications. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 13608-13613	3.8	121
130	Necklace-Like Structures Composed of Fe N@C Yolk-Shell Particles as an Advanced Anode for Sodium-Ion Batteries. <i>Advanced Materials</i> , 2018 , 30, e1800525	24	119
129	Synthesis of Cobalt Sulfide Multi-shelled Nanoboxes with Precisely Controlled Two to Five Shells for Sodium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2675-2679	16.4	117
128	Using proteomic approach to identify tumor-associated proteins as biomarkers in human esophageal squamous cell carcinoma. <i>Journal of Proteome Research</i> , 2011 , 10, 2863-72	5.6	110
127	A rechargeable iodine-carbon battery that exploits ion intercalation and iodine redox chemistry. <i>Nature Communications</i> , 2017 , 8, 527	17.4	108
126	A rechargeable Na-Zn hybrid aqueous battery fabricated with nickel hexacyanoferrate and nanostructured zinc. <i>Journal of Power Sources</i> , 2016 , 321, 257-263	8.9	95
125	Direct growth of flower-like manganese oxide on reduced graphene oxide towards efficient oxygen reduction reaction. <i>Chemical Communications</i> , 2013 , 49, 6334-6	5.8	95
124	A 3D and Stable Lithium Anode for High-Performance Lithium-Iodine Batteries. <i>Advanced Materials</i> , 2019 , 31, e1902399	24	94
123	Hollow Carbon Nanofibers Filled with MnO ₂ Nanosheets as Efficient Sulfur Hosts for Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2015 , 127, 13078-13082	3.6	93
122	Nitrogen, Phosphorus, and Fluorine Tri-doped Graphene as a Multifunctional Catalyst for Self-Powered Electrochemical Water Splitting. <i>Angewandte Chemie</i> , 2016 , 128, 13490-13494	3.6	93
121	An Improved LiBeS ₂ Battery with High Energy Density and Long Cycle Life. <i>Advanced Energy Materials</i> , 2017 , 7, 1700281	21.8	91

120	A Freestanding Selenium Disulfide Cathode Based on Cobalt Disulfide-Decorated Multichannel Carbon Fibers with Enhanced Lithium Storage Performance. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14107-14112	16.4	91
119	Mesoporous Carbon@Titanium Nitride Hollow Spheres as an Efficient SeS Host for Advanced Li-SeS Batteries. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 16003-16007	16.4	88
118	High capacitive performance of flexible and binder-free graphene-polypyrrole composite membrane based on in situ reduction of graphene oxide and self-assembly. <i>Nanoscale</i> , 2013 , 5, 9860-6	7.7	82
117	Regulation of Lamellar Structure of Vanadium Oxide via Polyaniline Intercalation for High-Performance Aqueous Zinc-Ion Battery. <i>Advanced Functional Materials</i> , 2020 , 30, 2003890	15.6	78
116	High-energy cobalt hexacyanoferrate and carbon micro-spheres aqueous sodium-ion capacitors. <i>Journal of Power Sources</i> , 2016 , 303, 347-353	8.9	77
115	Bifunctional Oxygen Electrocatalysis of N, S-Codoped Porous Carbon with Interspersed Hollow CoO Nanoparticles for Rechargeable Zn-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16720-16728	9.5	75
114	Cobalt nitride embedded holey N-doped graphene as advanced bifunctional electrocatalysts for Zn-Air batteries and overall water splitting. <i>Carbon</i> , 2020 , 157, 234-243	10.4	75
113	Interfacial Scaffolding Preparation of Hierarchical PBA-Based Derivative Electrocatalysts for Efficient Water Splitting. <i>Advanced Energy Materials</i> , 2019 , 9, 1802939	21.8	74
112	2020 Roadmap on two-dimensional nanomaterials for environmental catalysis. <i>Chinese Chemical Letters</i> , 2019 , 30, 2065-2088	8.1	72
111	Electrocatalytic activity of bimetallic platinum-gold catalysts fabricated based on nanoporous gold. <i>Physical Chemistry Chemical Physics</i> , 2008 , 10, 3250-5	3.6	70
110	In-situ exfoliation of porous carbon nitride nanosheets for enhanced hydrogen evolution. <i>Nano Energy</i> , 2019 , 59, 598-609	17.1	69
109	High catalytic activity of nanostructured Pd thin films electrochemically deposited on polycrystalline Pt and Au substrates towards electro-oxidation of methanol. <i>Electrochemistry Communications</i> , 2007 , 9, 1298-1304	5.1	66
108	Rational design of graphitic carbon based nanostructures for advanced electrocatalysis. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 8497-8511	13	66
107	A comparative study of electrocapacitive properties of manganese dioxide clusters dispersed on different carbons. <i>Carbon</i> , 2013 , 52, 1-9	10.4	61
106	Cation Intercalation in Manganese Oxide Nanosheets: Effects on Lithium and Sodium Storage. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10448-52	16.4	59
105	The ensemble effect of nitrogen doping and ultrasmall SnO ₂ nanocrystals on graphene sheets for efficient electroreduction of carbon dioxide. <i>Applied Catalysis B: Environmental</i> , 2018 , 239, 441-449	21.8	58
104	Three-Dimensional Macroporous Graphene Foam Filled with Mesoporous Polyaniline Network for High Areal Capacitance. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 2291-2296	8.3	55
103	Tunable Cationic Vacancies of Cobalt Oxides for Efficient Electrocatalysis in LiO ₂ Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 2001415	21.8	55

102	Sulfur and nitrogen enriched graphene foam scaffolds for aqueous rechargeable zinc-iodine battery. <i>Electrochimica Acta</i> , 2019 , 296, 755-761	6.7	53
101	A flexible solid-state supercapacitor based on graphene/polyaniline paper electrodes. <i>Journal of Energy Chemistry</i> , 2019 , 32, 166-173	12	52
100	Graphene modified carbon nanosheets for electrochemical detection of Pb(II) in water. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 13139	13	52
99	Double-Shelled Nanocages with Cobalt Hydroxide Inner Shell and Layered Double Hydroxides Outer Shell as High-Efficiency Polysulfide Mediator for Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2016 , 128, 4050-4054	3.6	51
98	Hierarchical Assembly of Prussian Blue Derivatives for Superior Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2019 , 29, 1904955	15.6	48
97	Facile Fabrication and Unexpected Electrocatalytic Activity of Palladium Thin Films with Hierarchical Architectures. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 13970-13975	3.8	47
96	Rational design of Cu-based electrocatalysts for electrochemical reduction of carbon dioxide. <i>Journal of Energy Chemistry</i> , 2017 , 26, 1050-1066	12	46
95	Interfacial coordination assembly of tannic acid with metal ions on three-dimensional nickel hydroxide nanowalls for efficient water splitting. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 15845-15852 ¹³		46
94	Thermally driven phase transition of manganese oxide on carbon cloth for enhancing the performance of flexible all-solid-state zinc-air batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 19719-19727 ¹³		46
93	Preparation of Porous 3O4 and Its Application in the Oxygen Reduction Reaction and Supercapacitor. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 831-837	8.3	46
92	Tunable CoFe-based active sites on 3D heteroatom doped graphene aerogel electrocatalysts via annealing gas regulation for efficient water splitting. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 15728-15737 ¹³		44
91	Interfacial Deposition of Three-Dimensional Nickel Hydroxide Nanosheet-Graphene Aerogel on Ni Wire for Flexible Fiber Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 821-827	8.3	43
90	Metal-Organic-Framework Derived Core-Shell N-Doped Carbon Nanocages Embedded with Cobalt Nanoparticles as High-Performance Anode Materials for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 2006188	15.6	41
89	Recent advances in flexible supercapacitors based on carbon nanotubes and graphene. <i>Science China Materials</i> , 2018 , 61, 210-232	7.1	40
88	Cobalt hexacyanoferrate nanoparticles and MoO ₃ thin films grown on carbon fiber cloth for efficient flexible hybrid supercapacitor. <i>Journal of Power Sources</i> , 2017 , 370, 98-105	8.9	39
87	Nitrogen, phosphorus co-doped carbon cloth as self-standing electrode for lithium-iodine batteries. <i>Nano Research</i> , 2019 , 12, 549-555	10	38
86	Quasi-parallel arrays with a 2D-on-2D structure for electrochemical supercapacitors. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 24717-24727	13	37
85	Dendritic Pt/Cu bimetallic nanocrystals with a high electrocatalytic activity toward methanol oxidation. <i>Materials Chemistry and Physics</i> , 2012 , 132, 244-247	4.4	36

84	Synthesis, characterization and capacitive performance of hydrous manganese dioxide nanostructures. <i>Nanotechnology</i> , 2011 , 22, 125703	3.4	36
83	Cation Intercalation in Manganese Oxide Nanosheets: Effects on Lithium and Sodium Storage. <i>Angewandte Chemie</i> , 2016 , 128, 10604-10608	3.6	33
82	General Preparation of Three-Dimensional Porous Metal Oxide Foams Coated with Nitrogen-Doped Carbon for Enhanced Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17402-8	9.5	32
81	Unusual Formation of CoSe@carbon Nanoboxes, which have an Inhomogeneous Shell, for Efficient Lithium Storage. <i>Angewandte Chemie</i> , 2016 , 128, 9666-9670	3.6	31
80	Biallelic mutations in cause male infertility with multiple morphological abnormalities of the sperm flagella in humans and mice. <i>Journal of Medical Genetics</i> , 2020 , 57, 89-95	5.8	30
79	Fabrication of Gold Nanoprism Thin Films and Their Applications in Designing High Activity Electrocatalysts. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 1738-1745	3.8	27
78	Synthesis of Cobalt Sulfide Multi-shelled Nanoboxes with Precisely Controlled Two to Five Shells for Sodium-Ion Batteries. <i>Angewandte Chemie</i> , 2019 , 131, 2701-2705	3.6	27
77	ORR and OER of Co/Ni codoped carbon-based electrocatalysts enhanced by boundary layer oxygen molecules transfer. <i>Carbon</i> , 2021 , 172, 556-568	10.4	26
76	Carbon-Based Electrocatalysts: Atomic Modulation and Structure Design of Carbons for Bifunctional Electrocatalysis in Metal-Air Batteries (Adv. Mater. 13/2019). <i>Advanced Materials</i> , 2019 , 31, 1970095	24	24
75	Is Neural Processing of Negative Stimuli Altered in Addiction Independent of Drug Effects? Findings From Drug-Using Youth with Internet Gaming Disorder. <i>Neuropsychopharmacology</i> , 2018 , 43, 1364-1372	8.7	24
74	Structural engineering of transition metal-based nanostructured electrocatalysts for efficient water splitting. <i>Frontiers of Chemical Science and Engineering</i> , 2018 , 12, 838-854	4.5	24
73	Three-dimensional nitrogen and phosphorous Co-doped graphene aerogel electrocatalysts for efficient oxygen reduction reaction. <i>Science China Chemistry</i> , 2018 , 61, 592-597	7.9	23
72	Controlled chelation between tannic acid and Fe precursors to obtain N, S co-doped carbon with high density Fe-single atom-nanoclusters for highly efficient oxygen reduction reaction in Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 17136-17149	13	23
71	Lithium-storage Properties of Gallic Acid-Reduced Graphene Oxide and Silicon-Graphene Composites. <i>Electrochimica Acta</i> , 2016 , 212, 473-480	6.7	23
70	Iodine Redox Chemistry in Rechargeable Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12636-12647	16.4	23
69	Nickel-Iron Layered Double Hydroxide Hollow Polyhedrons as a Superior Sulfur Host for Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2018 , 130, 11110-11114	3.6	23
68	Solution-processed flexible transparent conductors based on carbon nanotubes and silver grid hybrid films. <i>Nanoscale</i> , 2014 , 6, 4560-5	7.7	22
67	A Freestanding Selenium Disulfide Cathode Based on Cobalt Disulfide-Decorated Multichannel Carbon Fibers with Enhanced Lithium Storage Performance. <i>Angewandte Chemie</i> , 2017 , 129, 14295-14300	3.6	21

66	Well-dispersed SnO ₂ nanocrystals on N-doped carbon nanowires as efficient electrocatalysts for carbon dioxide reduction. <i>Journal of Energy Chemistry</i> , 2020 , 41, 7-14	12	21
65	Facile preparation of nitrogen-doped graphene as an efficient oxygen reduction electrocatalyst. <i>Inorganic Chemistry Frontiers</i> , 2017 , 4, 1582-1590	6.8	20
64	Mesoporous Carbon@Titanium Nitride Hollow Spheres as an Efficient SeS ₂ Host for Advanced LiSeS ₂ Batteries. <i>Angewandte Chemie</i> , 2017 , 129, 16219-16223	3.6	18
63	Synthesis and capacitive properties of carbonaceous sphere@MnO ₂ rattle-type hollow structures. <i>Journal of Materials Research</i> , 2010 , 25, 1476-1484	2.5	18
62	Electrochemical reductive dechlorination of carbon tetrachloride on nanostructured Pd thin films. <i>Electrochemistry Communications</i> , 2008 , 10, 1474-1477	5.1	18
61	Thermal Sugar Bubbling Preparation of N-Doped Porous Carbon for High-Performance Solid-State Zn-Air Batteries. <i>Batteries and Supercaps</i> , 2019 , 2, 373-379	5.6	18
60	Regulating Intrinsic Electronic Structures of Transition-Metal-Based Catalysts and the Potential Applications for Electrocatalytic Water Splitting 2021 , 3, 752-780		16
59	Synthesis of Silver Nanoparticles in Ionic Liquid by a Simple Effective Electrochemical Method. <i>Journal of Dispersion Science and Technology</i> , 2008 , 29, 1059-1061	1.5	15
58	Characteristics of patients with enhancing intracranial atherosclerosis and association between plaque enhancement and recent cerebrovascular ischemic events: a high-resolution magnetic resonance imaging study. <i>Acta Radiologica</i> , 2019 , 60, 1301-1307	2	14
57	The BioAssay network and its implications to future therapeutic discovery. <i>BMC Bioinformatics</i> , 2011 , 12 Suppl 5, S1	3.6	13
56	Systolic Blood Pressure Trajectories in the Acute Phase and Clinical Outcomes in 2-Year Follow-up Among Patients With Ischemic Stroke. <i>American Journal of Hypertension</i> , 2019 , 32, 317-325	2.3	13
55	Synthesis of electrocatalytically functional carbon honeycombs through cooking with molecule precursors. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 6472-6481	6.7	12
54	Rational Modulation of Carbon Fibers for High-Performance Zinc-Iodine Batteries. <i>Advanced Sustainable Systems</i> , 2020 , 4, 2000138	5.9	12
53	Prussian Blue Derivatives: Hierarchical Assembly of Prussian Blue Derivatives for Superior Oxygen Evolution Reaction (Adv. Funct. Mater. 45/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970310	15.6	11
52	Characterizing the diversity and biological relevance of the MLPCN assay manifold and screening set. <i>Journal of Chemical Information and Modeling</i> , 2011 , 51, 1205-15	6.1	11
51	Toward Flexible Zinc-Air Batteries with Self-Supported Air Electrodes. <i>Small</i> , 2021 , 17, e2006773	11	11
50	Surface modification of SnO ₂ nanosheets via ultrathin N-doped carbon layers for improving CO ₂ electrocatalytic reduction. <i>Chemical Engineering Journal</i> , 2021 , 421, 130003	14.7	11
49	A Defect-rich N, P Co-doped Carbon Foam as Efficient Electrocatalyst toward Oxygen Reduction Reaction. <i>ChemCatChem</i> , 2020 , 12, 4105-4111	5.2	10

48	Antiphosphatidylserine Antibodies and Clinical Outcomes in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2016 , 47, 2742-2748	6.7	10
47	Cyclooxygenase 2 augments osteoblastic but suppresses chondrocytic differentiation of CD90 skeletal stem cells in fracture sites. <i>Science Advances</i> , 2019 , 5, eaaw2108	14.3	10
46	Internet addiction, problematic internet use, nonproblematic internet use among Chinese adolescents: Individual, parental, peer, and sociodemographic correlates. <i>Psychology of Addictive Behaviors</i> , 2018 , 32, 365-372	3.4	10
45	Recent advances in the field of carbon-based cathode electrocatalysts for Zn-air batteries. <i>Materials Advances</i> , 2021 , 2, 96-114	3.3	10
44	Fe ultra-small particles anchored on carbon aerogels to enhance the oxygen reduction reaction in Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 6861-6871	13	10
43	A Low-Cost FDM System for Multi-Longitudinal Mode Fiber Laser Sensor Array. <i>IEEE Photonics Technology Letters</i> , 2015 , 27, 2186-2189	2.2	9
42	Redox reactions of halogens for reversible electrochemical energy storage. <i>Dalton Transactions</i> , 2020 , 49, 9929-9934	4.3	9
41	Peer contagion processes for problematic internet use among Chinese college students: A process model involving peer pressure and maladaptive cognition. <i>Computers in Human Behavior</i> , 2019 , 90, 276-283	7.7	9
40	Strong interactions of metal-support for efficient reduction of carbon dioxide into ethylene. <i>Nano Energy</i> , 2021 , 89, 106460	17.1	9
39	Preparation of Hierarchical Cube-on-plate Metal Phosphides as Bifunctional Electrocatalysts for Overall Water Splitting. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1500-1504	4.5	8
38	Bimetallic Pt-Au thin film electrocatalysts with hierarchical structures for the oxidation of formic acid. <i>Materials Chemistry and Physics</i> , 2011 , 127, 484-488	4.4	8
37	Fabrication of monometallic (Co, Pd, Pt, Au) and bimetallic (Pt/Au, Au/Pt) thin films with hierarchical architectures as electrocatalysts. <i>Solid State Sciences</i> , 2010 , 12, 822-828	3.4	8
36	Phase modulation of 1T/2H MoSe ₂ nanoflowers for highly efficient bifunctional electrocatalysis in rechargeable Li-O ₂ batteries. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 19922-19931	13	8
35	Defect evolution of hierarchical SnO ₂ aggregates for boosting CO ₂ electrocatalytic reduction. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 14741-14751	13	8
34	Surface coating of electrocatalysts boosts battery performance. <i>Rare Metals</i> , 2020 , 39, 613-615	5.5	7
33	In-situ deposition of Pd/Pd ₄ S heterostructure on hollow carbon spheres as efficient electrocatalysts for rechargeable Li-O ₂ batteries. <i>Chinese Chemical Letters</i> , 2021 , 32, 2086-2090	8.1	7
32	High-Throughput Screening of Nitrogen-Coordinated Bimetal Catalysts for Multielectron Reduction of CO ₂ to CH ₄ with High Selectivity and Low Limiting Potential. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 7155-7165	3.8	7
31	Fe-Ni Alloy Nanoclusters Anchored on Carbon Aerogels as High-Efficiency Oxygen Electrocatalysts in Rechargeable Zn-Air Batteries. <i>Small</i> , 2021 , 17, e2102002	11	7

30	In Situ Characterization for Boosting Electrocatalytic Carbon Dioxide Reduction.. <i>Small Methods</i> , 2021 , 5, e2100700	12.8	7
29	Atomic Bridging Structure of Nickel-Nitrogen-Carbon for Highly Efficient Electrocatalytic Reduction of CO.. <i>Angewandte Chemie - International Edition</i> , 2021 , e202113918	16.4	7
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