

# Bo-Quan Li

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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.

129  
papers

9,383  
citations

50  
h-index

95  
g-index

148  
ext. papers

12,807  
ext. citations

14.3  
avg, IF

7.1  
L-index

#	Paper	IF	Citations
129	Preconstructing Asymmetric Interface in Air Cathodes for High-Performance Rechargeable Zn-Air Batteries.. <i>Advanced Materials</i> , <b>2022</b> , e2109407	24	7
128	Lithium Metal and Other Anodes. <i>Modern Aspects of Electrochemistry</i> , <b>2022</b> , 225-246		
127	Frontispiece: Surface Gelation on Disulfide Electrocatalysts in Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> , 61,	16.4	1
126	High-valence sulfur-containing species in solid electrolyte interphase stabilizes lithium metal anodes in lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 68, 300-305	12	6
125	The formation of crystalline lithium sulfide on electrocatalytic surfaces in lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 64, 568-573	12	10
124	A perspective on the electrocatalytic conversion of carbon dioxide to methanol with metallomacrocyclic catalysts. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 64, 263-275	12	6
123	Evaluation on a 400 Wh kg <sup>-1</sup> lithium-sulfur pouch cell. <i>Journal of Energy Chemistry</i> , <b>2022</b> , 66, 24-29	12	23
122	Modification of Nitrate Ion Enables Stable Solid Electrolyte Interphase in Lithium Metal Batteries.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> ,	16.4	12
121	A clicking confinement strategy to fabricate transition metal single-atom sites for bifunctional oxygen electrocatalysis.. <i>Science Advances</i> , <b>2022</b> , 8, eabn5091	14.3	14
120	Full-Range Redox Mediation on Sulfur Redox Kinetics for High-Performance Lithium-Sulfur Batteries. <i>Batteries and Supercaps</i> , <b>2022</b> , 5,	5.6	2
119	Failure Mechanism of Lithiophilic Sites in Composite Lithium Metal Anode under Practical Conditions. <i>Advanced Energy Materials</i> , <b>2022</b> , 12, 2103291	21.8	9
118	A Successive Conversion-Deintercalation Delithiation Mechanism for Practical Composite Lithium Anodes. <i>Journal of the American Chemical Society</i> , <b>2021</b> ,	16.4	8
117	Semi-Immobilized Molecular Electrocatalysts for High-Performance Lithium-Sulfur Batteries. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 19865-19872	16.4	33
116	Anode Material Options Toward 500 Wh kg Lithium-Sulfur Batteries. <i>Advanced Science</i> , <b>2021</b> , 9, e2103910	10.6	13
115	Emerging energy chemistry in lithium-sulfur pouch cells. <i>Science China Chemistry</i> , <b>2021</b> , 64, 337-338	7.9	1
114	A $\text{Fe}^{2+}$ 0.63 V Bifunctional Oxygen Electrocatalyst Enables High-Rate and Long-Cycling Zinc-Air Batteries. <i>Advanced Materials</i> , <b>2021</b> , 33, e2008606	24	55
113	Zinc-Air Batteries: A $\text{Fe}^{2+}$ 0.63 V Bifunctional Oxygen Electrocatalyst Enables High-Rate and Long-Cycling Zinc-Air Batteries (Adv. Mater. 15/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170117	24	4

112	Lithium-Sulfur Batteries: An Organodiselenide Comediator to Facilitate Sulfur Redox Kinetics in Lithium-Sulfur Batteries (Adv. Mater. 13/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170100	24	5
111	Challenges and promises of lithium metal anode by soluble polysulfides in practical lithium-Sulfur batteries. <i>Materials Today</i> , <b>2021</b> , 45, 62-76	21.8	40
110	Can Aqueous Zinc-Air Batteries Work at Sub-Zero Temperatures?. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15409-15413	3.6	26
109	Electrolyte Structure of Lithium Polysulfides with Anti-Reductive Solvent Shells for Practical Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15503-15509	16.4	37
108	Can Aqueous Zinc-Air Batteries Work at Sub-Zero Temperatures?. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15281-15285	16.4	19
107	Intrinsic Electrocatalytic Activity Regulation of M-N-C Single-Atom Catalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 4448-4463	16.4	145
106	Intrinsische elektrokatalytische Aktivitätssteuerung von M-N-C-Einzelatom-Katalysatoren für die Sauerstoffreduktionsreaktion. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 4496-4512	3.6	26
105	Regulation of carbon distribution to construct high-sulfur-content cathode in lithium-Sulfur batteries. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 56, 203-208	12	49
104	A Pressure Self-Adaptable Route for Uniform Lithium Plating and Stripping in Composite Anode. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2004189	15.6	27
103	Redox mediator assists electron transfer in lithium-Sulfur batteries with sulfurized polyacrylonitrile cathodes. <i>EcoMat</i> , <b>2021</b> , 3, e12066	9.4	27
102	Covalent Organic Frameworks Construct Precise Lithiophilic Sites for Uniform Lithium Deposition. <i>Matter</i> , <b>2021</b> , 4, 253-264	12.7	35
101	Recent advances of noble-metal-free bifunctional oxygen reduction and evolution electrocatalysts. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 7745-7778	58.5	86
100	An Organodiselenide Comediator to Facilitate Sulfur Redox Kinetics in Lithium-Sulfur Batteries. <i>Advanced Materials</i> , <b>2021</b> , 33, e2007298	24	61
99	An Atomic Insight into the Chemical Origin and Variation of the Dielectric Constant in Liquid Electrolytes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 21643-21648	3.6	0
98	Deciphering the Effect of Electrical Conductivity of Hosts on Lithium Deposition in Composite Lithium Metal Anodes. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2101654	21.8	10
97	Promoting the sulfur redox kinetics by mixed organodiselenides in high-energy-density lithium-Sulfur batteries. <i>EScience</i> , <b>2021</b> , 1, 44-44		45
96	An Atomic Insight into the Chemical Origin and Variation of the Dielectric Constant in Liquid Electrolytes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 21473-21478	16.4	26
95	Quantitative kinetic analysis on oxygen reduction reaction: A perspective. <i>Nano Materials Science</i> , <b>2021</b> , 3, 313-318	10.2	12

94	Stable Anion-Derived Solid Electrolyte Interphase in Lithium Metal Batteries. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 22865	3.6	12
93	The carrier transition from Li atoms to Li vacancies in solid-state lithium alloy anodes. <i>Science Advances</i> , <b>2021</b> , 7, eabi5520	14.3	23
92	Reclaiming Inactive Lithium with a Triiodide/Iodide Redox Couple for Practical Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 22990-22995	16.4	12
91	Stable Anion-Derived Solid Electrolyte Interphase in Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 22683-22687	16.4	24
90	Glycolide additives enrich organic components in the solid electrolyte interphase enabling stable ultrathin lithium metal anodes. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 2791-2797	7.8	10
89	Surface Gelation on Disulfide Electrocatalysts in Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	7
88	Rücktitelbild: Electrochemical Phase Evolution of Metal-Based Pre-Catalysts for High-Rate Polysulfide Conversion (Angew. Chem. 23/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 9278-9278	3.6	1
87	Cycling a Lithium Metal Anode at 90 °C in a Liquid Electrolyte. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15109-15113	16.4	23
86	Electrochemical Phase Evolution of Metal-Based Pre-Catalysts for High-Rate Polysulfide Conversion. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 9011-9017	16.4	106
85	Electrochemical Phase Evolution of Metal-Based Pre-Catalysts for High-Rate Polysulfide Conversion. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 9096-9102	3.6	21
84	A Perspective toward Practical Lithium-Sulfur Batteries. <i>ACS Central Science</i> , <b>2020</b> , 6, 1095-1104	16.8	184
83	Spatial and Kinetic Regulation of Sulfur Electrochemistry on Semi-Immobilized Redox Mediators in Working Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 17670-17675	16.4	26
82	Multiscale Construction of Bifunctional Electrocatalysts for Long-Lifespan Rechargeable Zinc-Air Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2003619	15.6	34
81	Spatial and Kinetic Regulation of Sulfur Electrochemistry on Semi-Immobilized Redox Mediators in Working Batteries. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 17823-17828	3.6	3
80	Asymmetric Air Cathode Design for Enhanced Interfacial Electrocatalytic Reactions in High-Performance Zinc-Air Batteries. <i>Advanced Materials</i> , <b>2020</b> , 32, e1908488	24	60
79	A Mixed Ether Electrolyte for Lithium Metal Anode Protection in Working Lithium-Sulfur Batteries. <i>Energy and Environmental Materials</i> , <b>2020</b> , 3, 160-165	13	47
78	Precise anionic regulation of NiFe hydroxysulfide assisted by electrochemical reactions for efficient electrocatalysis. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 1711-1716	35.4	57
77	Innenrücktitelbild: A Sustainable Solid Electrolyte Interphase for High-Energy-Density Lithium Metal Batteries Under Practical Conditions (Angew. Chem. 8/2020). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3363-3363	3.6	36

76	Toward Critical Electrode/Electrolyte Interfaces in Rechargeable Batteries. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1909887	15.6	114
75	Lithium-Sulfur Batteries under Lean Electrolyte Conditions: Challenges and Opportunities. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 12636-12652	16.4	230
74	A Sustainable Solid Electrolyte Interphase for High-Energy-Density Lithium Metal Batteries Under Practical Conditions. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 3278-3283	3.6	40
73	Electrolyte Regulation towards Stable Lithium-Metal Anodes in Lithium-Sulfur Batteries with Sulfurized Polyacrylonitrile Cathodes. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 10732-10745	16.4	56
72	Crosstalk shielding of transition metal ions for long cycling lithium metal batteries. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 4283-4289	13	27
71	A Supramolecular Electrolyte for Lithium-Metal Batteries. <i>Batteries and Supercaps</i> , <b>2020</b> , 3, 5-5	5.6	
70	A Composite Bifunctional Oxygen Electrocatalyst for High-Performance Rechargeable Zinc-Air Batteries. <i>ChemSusChem</i> , <b>2020</b> , 13, 1529-1536	8.3	17
69	Electrolyte Regulation towards Stable Lithium-Metal Anodes in Lithium-Sulfur Batteries with Sulfurized Polyacrylonitrile Cathodes. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 10821-10834	3.6	17
68	A Sustainable Solid Electrolyte Interphase for High-Energy-Density Lithium Metal Batteries Under Practical Conditions. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 3252-3257	16.4	127
67	A compact inorganic layer for robust anode protection in lithium-sulfur batteries. <i>Information Materials</i> , <b>2020</b> , 2, 379-388	23.1	133
66	The origin of sulfuryl-containing components in SEI from sulfate additives for stable cycling of ultrathin lithium metal anodes. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 47, 128-131	12	40
65	Redox Mediation with Organopolysulfides in Working Lithium-Sulfur Batteries. <i>Chem</i> , <b>2020</b> , 6, 3297-3306	36.1	84
64	Seawater-based electrolyte for Zinc-Air batteries. <i>Green Chemical Engineering</i> , <b>2020</b> , 1, 117-123	3	3
63	Shielding Polysulfide Intermediates by an Organosulfur-Containing Solid Electrolyte Interphase on the Lithium Anode in Lithium-Sulfur Batteries. <i>Advanced Materials</i> , <b>2020</b> , 32, e2003012	24	53
62	Seawater electrolyte-based metal-air batteries: from strategies to applications. <i>Energy and Environmental Science</i> , <b>2020</b> , 13, 3253-3268	35.4	46
61	Direct Intermediate Regulation Enabled by Sulfur Containers in Working Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 22334-22339	3.6	6
60	Direct Intermediate Regulation Enabled by Sulfur Containers in Working Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 22150-22155	16.4	25
59	Dictating High-Capacity Lithium-Sulfur Batteries through Redox-Mediated Lithium Sulfide Growth. <i>Small Methods</i> , <b>2020</b> , 4, 1900344	12.8	58

58	Synergetic Coupling of Lithiophilic Sites and Conductive Scaffolds for Dendrite-Free Lithium Metal Anodes. <i>Small Methods</i> , <b>2020</b> , 4, 1900177	12.8	22
57	Lithium-Schwefel-Batterien mit Magerelektrolyt: Herausforderungen und Perspektiven. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 12736-12753	3.6	17
56	A Supramolecular Electrolyte for Lithium-Metal Batteries. <i>Batteries and Supercaps</i> , <b>2020</b> , 3, 47-51	5.6	12
55	Graphene-based Fe-coordinated framework porphyrin as an interlayer for lithium-sulfur batteries. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 615-619	7.8	33
54	From Supramolecular Species to Self-Templated Porous Carbon and Metal-Doped Carbon for Oxygen Reduction Reaction Catalysts. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 5017-5021	3.6	6
53	From Supramolecular Species to Self-Templated Porous Carbon and Metal-Doped Carbon for Oxygen Reduction Reaction Catalysts. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 4963-4967	16.4	47
52	Current-density dependence of Li <sub>2</sub> S/Li <sub>2</sub> S <sub>2</sub> growth in lithium-sulfur batteries. <i>Energy and Environmental Science</i> , <b>2019</b> , 12, 2976-2982	35.4	67
51	Framework-Porphyrin-Derived Single-Atom Bifunctional Oxygen Electrocatalysts and their Applications in Zn-Air Batteries. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900592	24	179
50	Transition metal coordinated framework porphyrin for electrocatalytic oxygen reduction. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 911-914	8.1	30
49	Nonuniform Redistribution of Sulfur and Lithium upon Cycling: Probing the Origin of Capacity Fading in Lithium-Sulfur Pouch Cells. <i>Energy Technology</i> , <b>2019</b> , 7, 1900111	3.5	24
48	Electrosynthesis of Hydrogen Peroxide Synergistically Catalyzed by Atomic Co-N -C Sites and Oxygen Functional Groups in Noble-Metal-Free Electrocatalysts. <i>Advanced Materials</i> , <b>2019</b> , 31, e1808173 <sup>24</sup>	149	
47	One-Pot Synthesis of Framework Porphyrin Materials and Their Applications in Bifunctional Oxygen Electrocatalysis. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1901301	15.6	44
46	Framework Porphyrins: One-Pot Synthesis of Framework Porphyrin Materials and Their Applications in Bifunctional Oxygen Electrocatalysis (Adv. Funct. Mater. 29/2019). <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1970198	15.6	1
45	Implanting Atomic Cobalt within Mesoporous Carbon toward Highly Stable Lithium-Sulfur Batteries. <i>Advanced Materials</i> , <b>2019</b> , 31, e1903813	24	215
44	A Coaxial-Interweaved Hybrid Lithium Metal Anode for Long-Lifespan Lithium Metal Batteries. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1901932	21.8	44
43	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. <i>Research</i> , <b>2019</b> , 2019, 1-11	7.8	23
42	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. <i>Research</i> , <b>2019</b> , 2019, 4608940	7.8	22
41	Lithiophilicity chemistry of heteroatom-doped carbon to guide uniform lithium nucleation in lithium metal anodes. <i>Science Advances</i> , <b>2019</b> , 5, eaau7728	14.3	266

40	Expediting redox kinetics of sulfur species by atomic-scale electrocatalysts in lithium-sulfur batteries. <i>Information Materials</i> , <b>2019</b> , 1, 533-541	23.1	196
39	Advanced electrosynthesis of hydrogen peroxide on oxidized carbon electrocatalyst. <i>Journal of Energy Chemistry</i> , <b>2019</b> , 34, 10-11	12	15
38	Towards full demonstration of high areal loading sulfur cathode in lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , <b>2019</b> , 39, 17-22	12	66
37	Uniform Lithium Nucleation Guided by Atomically Dispersed Lithiophilic Co <sub>Nx</sub> Sites for Safe Lithium Metal Batteries. <i>Small Methods</i> , <b>2019</b> , 3, 1800354	12.8	51
36	Regulating Anions in the Solvation Sheath of Lithium Ions for Stable Lithium Metal Batteries. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 411-416	20.1	176
35	Innentitelbild: Activating Inert Metallic Compounds for High-Rate Lithium-Sulfur Batteries Through In Situ Etching of Extrinsic Metal (Angew. Chem. 12/2019). <i>Angewandte Chemie</i> , <b>2019</b> , 131, 3692-3692	3.6	1
34	Conductive and Catalytic Triple-Phase Interfaces Enabling Uniform Nucleation in High-Rate Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1802768	21.8	347
33	Activating Inert Metallic Compounds for High-Rate Lithium-Sulfur Batteries Through In Situ Etching of Extrinsic Metal. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 3779-3783	16.4	204
32	Activating Inert Metallic Compounds for High-Rate Lithium-Sulfur Batteries Through In Situ Etching of Extrinsic Metal. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 3819-3823	3.6	34
31	Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 5301-5305	16.4	402
30	Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5399-5403	3.6	97
29	Titelbild: Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes (Angew. Chem. 19/2018). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 5275-5275	3.6	2
28	Porphyrin Organic Framework Hollow Spheres and Their Applications in Lithium-Sulfur Batteries. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707483	24	118
27	Porphyrin-Derived Graphene-Based Nanosheets Enabling Strong Polysulfide Chemisorption and Rapid Kinetics in Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1800849	21.8	172
26	A review of anion-regulated multi-anion transition metal compounds for oxygen evolution electrocatalysis. <i>Inorganic Chemistry Frontiers</i> , <b>2018</b> , 5, 521-534	6.8	76
25	Ion-Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 742-745	3.6	22
24	Innentitelbild: Ion-Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode (Angew. Chem. 3/2018). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 606-606	3.6	
23	Anion-Regulated Hydroxysulfide Monoliths as OER/ORR/HER Electrocatalysts and their Applications in Self-Powered Electrochemical Water Splitting. <i>Small Methods</i> , <b>2018</b> , 2, 1800055	12.8	63

22	Defect-rich carbon fiber electrocatalysts with porous graphene skin for flexible solid-state zinc-air batteries. <i>Energy Storage Materials</i> , <b>2018</b> , 15, 124-130	19.4	118
21	A porphyrin covalent organic framework cathode for flexible Zn-air batteries. <i>Energy and Environmental Science</i> , <b>2018</b> , 11, 1723-1729	35.4	219
20	A Bifunctional Perovskite Promoter for Polysulfide Regulation toward Stable Lithium-Sulfur Batteries. <i>Advanced Materials</i> , <b>2018</b> , 30, 1705219	24	228
19	An ion redistributor for dendrite-free lithium metal anodes. <i>Science Advances</i> , <b>2018</b> , 4, eaat3446	14.3	231
18	An Armored Mixed Conductor Interphase on a Dendrite-Free Lithium-Metal Anode. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804461	24	246
17	Porphyrin Organic Frameworks: Porphyrin Organic Framework Hollow Spheres and Their Applications in Lithium-Sulfur Batteries (Adv. Mater. 23/2018). <i>Advanced Materials</i> , <b>2018</b> , 30, 1870160	24	4
16	Ion-Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 734-737	16.4	140
15	A Quinonoid-Imine-Enriched Nanostructured Polymer Mediator for Lithium-Sulfur Batteries. <i>Advanced Materials</i> , <b>2017</b> , 29, 1606802	24	107
14	Anionic Regulated NiFe (Oxy)Sulfide Electrocatalysts for Water Oxidation. <i>Small</i> , <b>2017</b> , 13, 1700610	11	104
13	Regulating p-block metals in perovskite nanodots for efficient electrocatalytic water oxidation. <i>Nature Communications</i> , <b>2017</b> , 8, 934	17.4	83
12	Bifunctional Transition Metal Hydroxysulfides: Room-Temperature Sulfurization and Their Applications in Zn-Air Batteries. <i>Advanced Materials</i> , <b>2017</b> , 29, 1702327	24	252
11	Oxygen Electrocatalysis: Topological Defects in Metal-Free Nanocarbon for Oxygen Electrocatalysis (Adv. Mater. 32/2016). <i>Advanced Materials</i> , <b>2016</b> , 28, 7030-7030	24	10
10	An aqueous preoxidation method for monolithic perovskite electrocatalysts with enhanced water oxidation performance. <i>Science Advances</i> , <b>2016</b> , 2, e1600495	14.3	63
9	CaO-Templated Growth of Hierarchical Porous Graphene for High-Power Lithium-Sulfur Battery Applications. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 577-585	15.6	294
8	The nanostructure preservation of 3D porous graphene: New insights into the graphitization and surface chemistry of non-stacked double-layer templated graphene after high-temperature treatment. <i>Carbon</i> , <b>2016</b> , 103, 36-44	10.4	24
7	Advances in Hybrid Electrocatalysts for Oxygen Evolution Reactions: Rational Integration of NiFe Layered Double Hydroxides and Nanocarbon. <i>Particle and Particle Systems Characterization</i> , <b>2016</b> , 33, 473-486	3.1	84
6	Design Principles for Heteroatom-Doped Nanocarbon to Achieve Strong Anchoring of Polysulfides for Lithium-Sulfur Batteries. <i>Small</i> , <b>2016</b> , 12, 3283-91	11	515
5	Topological Defects in Metal-Free Nanocarbon for Oxygen Electrocatalysis. <i>Advanced Materials</i> , <b>2016</b> , 28, 6845-51	24	522



4	Monolithic-structured ternary hydroxides as freestanding bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , <b>2016</b> , 4, 7245-7250	13	135
3	Lignin-derived materials and their applications in rechargeable batteries. <i>Green Chemistry</i> ,	10	7
2	Polysulfide Electrocatalysis on Framework Porphyrin in High-Capacity and High-Stable Lithium-Sulfur Batteries. <i>CCS Chemistry</i> ,128-137	7.2	96
1	Understanding the Impedance Response of Lithium Polysulfide Symmetric Cells. <i>Small Science</i> ,2100042		19