Bo-Quan Li

List of Publications by Year
in descending order

136 papers	16,329 citations	14655 66 h-index	16183 124 g-index
148 all docs	148 docs citations	148 times ranked	10726 citing authors

#	Article	IF	Citations
1	Boosting sulfur redox kinetics by a pentacenetetrone redox mediator for high-energy-density lithium-sulfur batteries. Nano Research, 2023, 16, 8253-8259.	10.4	32
2	The formation of crystalline lithium sulfide on electrocatalytic surfaces in lithiumâ€“sulfur batteries. Journal of Energy Chemistry, 2022, 64, 568-573.	12.9	56
3	A perspective on the electrocatalytic conversion of carbon dioxide to methanol with metallomacrocyclic catalysts. Journal of Energy Chemistry, 2022, 64, 263-275.	12.9	28
4	Evaluation on a 400ÂWhÂkgâˆ’1 lithiumâ€“sulfur pouch cell. Journal of Energy Chemistry, 2022, 66, 24-29.	12.9	69
5	Anode Material Options Toward 500 Wh kg^{âˆ’1} Lithiumâ€“Sulfur Batteries. Advanced Science, 2022, 9, e2103910.	11.2	63
6	Lignin-derived materials and their applications in rechargeable batteries. Green Chemistry, 2022, 24, 565-584.	9.0	37
7	High-valence sulfur-containing species in solid electrolyte interphase stabilizes lithium metal anodes in lithiumâ€“sulfur batteries. Journal of Energy Chemistry, 2022, 68, 300-305.	12.9	36
8	Preconstructing Asymmetric Interface in Air Cathodes for Highâ€Performance Rechargeable Znâ€“Air Batteries. Advanced Materials, 2022, 34, e2109407.	21.0	54
9	Frontispiece: Surface Gelation on Disulfide Electrocatalysts in Lithiumâ€“Sulfur Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	2
10	Frontispiz: Surface Gelation on Disulfide Electrocatalysts in Lithiumâ€“Sulfur Batteries. Angewandte Chemie, 2022, 134, .	2.0	0
11	A Successive Conversionâ€“Deintercalation Delithiation Mechanism for Practical Composite Lithium Anodes. Journal of the American Chemical Society, 2022, 144, 212-218.	13.7	66
12	Modification of Nitrate Ion Enables Stable Solid Electrolyte Interphase in Lithium Metal Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	96
13	A clicking confinement strategy to fabricate transition metal single-atom sites for bifunctional oxygen electrocatalysis. Science Advances, 2022, 8, eabn5091.	10.3	123
14	Fullâ€Range Redox Mediation on Sulfur Redox Kinetics for Highâ€Performance Lithiumâ€Sulfur Batteries. Batteries and Supercaps, 2022, 5, .	4.7	41
15	Surface Gelation on Disulfide Electrocatalysts in Lithiumâ€“Sulfur Batteries. Angewandte Chemie, 2022, 134, .	2.0	9
16	Failure Mechanism of Lithiophilic Sites in Composite Lithium Metal Anode under Practical Conditions. Advanced Energy Materials, 2022, 12, .	19.5	56
17	Surface Gelation on Disulfide Electrocatalysts in Lithiumâ€“Sulfur Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	67
18	Fluorinating the Solid Electrolyte Interphase by Rational Molecular Design for Practical Lithiumâ€Metal Batteries. Angewandte Chemie, 2022, 134, .	2.0	10

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19	Fluorinating the Solid Electrolyte Interphase by Rational Molecular Design for Practical Lithiumâ€Metal Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	68
20	An anionic regulation mechanism for the structural reconstruction of sulfide electrocatalysts under oxygen evolution conditions. Energy and Environmental Science, 2022, 15, 3257-3264.	30.8	74
21	Working Zincâ€“Air Batteries at 80â€‰Â°C. Angewandte Chemie, 2022, 134, .	2.0	15
22	Intrinsic Electrocatalytic Activity Regulation of Mâ€“Nâ€“C Singleâ€Atom Catalysts for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2021, 60, 4448-4463.	13.8	433
23	Intrinsische elektrokatalytische AktivitÃ¤tssteuerung von Mâ€Nâ€Câ€Einzelatomâ€Katalysatoren fÃ¼r die Sauerstoffreduktionsreaktion. Angewandte Chemie, 2021, 133, 4496-4512.	2.0	40
24	Regulation of carbon distribution to construct high-sulfur-content cathode in lithiumâ€“sulfur batteries. Journal of Energy Chemistry, 2021, 56, 203-208.	12.9	89
25	A Pressure Selfâ€Adaptable Route for Uniform Lithium Plating and Stripping in Composite Anode. Advanced Functional Materials, 2021, 31, 2004189.	14.9	39
26	Redox mediator assists electron transfer in lithiumâ€“sulfur batteries with sulfurized polyacrylonitrile cathodes. EcoMat, 2021, 3, e12066.	11.9	69
27	Covalent Organic Frameworks Construct Precise Lithiophilic Sites for Uniform Lithium Deposition. Matter, 2021, 4, 253-264.	10.0	73
28	Recent advances of noble-metal-free bifunctional oxygen reduction and evolution electrocatalysts. Chemical Society Reviews, 2021, 50, 7745-7778.	38.1	385
29	An Organodiselenide Comediator to Facilitate Sulfur Redox Kinetics in Lithiumâ€“Sulfur Batteries. Advanced Materials, 2021, 33, e2007298.	21.0	171
30	A Î”<i>E</i>Â= 0.63 V Bifunctional Oxygen Electrocatalyst Enables Highâ€Rate and Longâ€Cycling Zincâ€“Air Batteries. Advanced Materials, 2021, 33, e2008606.	21.0	154
31	Zincâ€Air Batteries: A Î”<i>E</i>Â= 0.63 V Bifunctional Oxygen Electrocatalyst Enables Highâ€Rate and Longâ€Cycling Zincâ€“Air Batteries (Adv. Mater. 15/2021). Advanced Materials, 2021, 33, 2170117.	21.0	5
32	Lithiumâ€Sulfur Batteries: An Organodiselenide Comediator to Facilitate Sulfur Redox Kinetics in Lithiumâ€“Sulfur Batteries (Adv. Mater. 13/2021). Advanced Materials, 2021, 33, 2170100.	21.0	6
33	Challenges and promises of lithium metal anode by soluble polysulfides in practical lithiumâ€“sulfur batteries. Materials Today, 2021, 45, 62-76.	14.2	152
34	Can Aqueous Zincâ€“Air Batteries Work at Subâ€Zero Temperatures?. Angewandte Chemie, 2021, 133, 15409-15413.	2.0	53
35	Electrolyte Structure of Lithium Polysulfides with Antiâ€Reductive Solvent Shells for Practical Lithiumâ€“Sulfur Batteries. Angewandte Chemie - International Edition, 2021, 60, 15503-15509.	13.8	108
36	Can Aqueous Zincâ€“Air Batteries Work at Subâ€Zero Temperatures?. Angewandte Chemie - International Edition, 2021, 60, 15281-15285.	13.8	76

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37	Understanding the Impedance Response of Lithium Polysulfide Symmetric Cells. Small Science, 2021, 1, 2100042.	9.9	54
38	An Atomic Insight into the Chemical Origin and Variation of the Dielectric Constant in Liquid Electrolytes. Angewandte Chemie, 2021, 133, 21643-21648.	2.0	9
39	Deciphering the Effect of Electrical Conductivity of Hosts on Lithium Deposition in Composite Lithium Metal Anodes. Advanced Energy Materials, 2021, 11, 2101654.	19.5	49
40	Promoting the sulfur redox kinetics by mixed organodiselenides in high-energy-density lithiumâ€“sulfur batteries. EScience, 2021, 1, 44-52.	41.6	159
41	An Atomic Insight into the Chemical Origin and Variation of the Dielectric Constant in Liquid Electrolytes. Angewandte Chemie - International Edition, 2021, 60, 21473-21478.	13.8	74
42	Quantitative kinetic analysis on oxygen reduction reaction: A perspective. Nano Materials Science, 2021, 3, 313-318.	8.8	64
43	Stable Anionâ€Derived Solid Electrolyte Interphase in Lithium Metal Batteries. Angewandte Chemie, 2021, 133, 22865-22869.	2.0	32
44	The carrier transition from Li atoms to Li vacancies in solid-state lithium alloy anodes. Science Advances, 2021, 7, eabi5520.	10.3	110
45	Reclaiming Inactive Lithium with a Triiodide/Iodide Redox Couple for Practical Lithium Metal Batteries. Angewandte Chemie - International Edition, 2021, 60, 22990-22995.	13.8	52
46	Stable Anionâ€Derived Solid Electrolyte Interphase in Lithium Metal Batteries. Angewandte Chemie - International Edition, 2021, 60, 22683-22687.	13.8	125
47	Glycolide additives enrich organic components in the solid electrolyte interphase enabling stable ultrathin lithium metal anodes. Materials Chemistry Frontiers, 2021, 5, 2791-2797.	5.9	21
48	Multianion Transition Metal Compounds: Synthesis, Regulation, and Electrocatalytic Applications. Accounts of Materials Research, 2021, 2, 1082-1092.	11.7	13
49	Emerging energy chemistry in lithium-sulfur pouch cells. Science China Chemistry, 2021, 64, 337-338.	8.2	4
50	Semi-Immobilized Molecular Electrocatalysts for High-Performance Lithiumâ€“Sulfur Batteries. Journal of the American Chemical Society, 2021, 143, 19865-19872.	13.7	173
51	Dictating Highâ€Capacity Lithiumâ€“Sulfur Batteries through Redoxâ€Mediated Lithium Sulfide Growth. Small Methods, 2020, 4, 1900344.	8.6	99
52	Synergetic Coupling of Lithiophilic Sites and Conductive Scaffolds for Dendriteâ€Free Lithium Metal Anodes. Small Methods, 2020, 4, 1900177.	8.6	31
53	Lithiumâ€Schwefelâ€Batterien mit Magerelektrolyt: Herausforderungen und Perspektiven. Angewandte Chemie, 2020, 132, 12736-12753.	2.0	33
54	A Supramolecular Electrolyte for Lithiumâ€Metal Batteries. Batteries and Supercaps, 2020, 3, 47-51.	4.7	17

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55	Lithiumâ€"Sulfur Batteries under Lean Electrolyte Conditions: Challenges and Opportunities. Angewandte Chemie - International Edition, 2020, 59, 12636-12652.	13.8	425
56	A Sustainable Solid Electrolyte Interphase for Highâ€Energyâ€Density Lithium Metal Batteries Under Practical Conditions. Angewandte Chemie, 2020, 132, 3278-3283.	2.0	60
57	Electrolyte Regulation towards Stable Lithiumâ€Metal Anodes in Lithiumâ€"Sulfur Batteries with Sulfurized Polyacrylonitrile Cathodes. Angewandte Chemie - International Edition, 2020, 59, 10732-10745.	13.8	108
58	Crosstalk shielding of transition metal ions for long cycling lithiumâ€"metal batteries. Journal of Materials Chemistry A, 2020, 8, 4283-4289.	10.3	51
59	A Supramolecular Electrolyte for Lithiumâ€Metal Batteries. Batteries and Supercaps, 2020, 3, 5-5.	4.7	0
60	A Composite Bifunctional Oxygen Electrocatalyst for Highâ€Performance Rechargeable Zincâ€"Air Batteries. ChemSusChem, 2020, 13, 1529-1536.	6.8	28
61	Electrolyte Regulation towards Stable Lithiumâ€Metal Anodes in Lithiumâ€"Sulfur Batteries with Sulfurized Polyacrylonitrile Cathodes. Angewandte Chemie, 2020, 132, 10821-10834.	2.0	80
62	A Sustainable Solid Electrolyte Interphase for Highâ€Energyâ€Density Lithium Metal Batteries Under Practical Conditions. Angewandte Chemie - International Edition, 2020, 59, 3252-3257.	13.8	221
63	A compact inorganic layer for robust anode protection in lithiumâ€sulfur batteries. InformaÄnÃ-MateriÃ¡ly, 2020, 2, 379-388.	17.3	197
64	The origin of sulfuryl-containing components in SEI from sulfate additives for stable cycling of ultrathin lithium metal anodes. Journal of Energy Chemistry, 2020, 47, 128-131.	12.9	63
65	Redox Comediation with Organopolysulfides in Working Lithium-Sulfur Batteries. CheM, 2020, 6, 3297-3311.	11.7	177
66	Seawater-based electrolyte for zincâ€"air batteries. Green Chemical Engineering, 2020, 1, 117-123.	6.3	24
67	Shielding Polysulfide Intermediates by an Organosulfurâ€Containing Solid Electrolyte Interphase on the Lithium Anode in Lithiumâ€"Sulfur Batteries. Advanced Materials, 2020, 32, e2003012.	21.0	108
68	Seawater electrolyte-based metalâ€"air batteries: from strategies to applications. Energy and Environmental Science, 2020, 13, 3253-3268.	30.8	128
69	Direct Intermediate Regulation Enabled by Sulfur Containers in Working Lithiumâ€"Sulfur Batteries. Angewandte Chemie, 2020, 132, 22334-22339.	2.0	9
70	Direct Intermediate Regulation Enabled by Sulfur Containers in Working Lithiumâ€"Sulfur Batteries. Angewandte Chemie - International Edition, 2020, 59, 22150-22155.	13.8	55
71	RÃ¼cktitelbild: Electrochemical Phase Evolution of Metalâ€Based Preâ€Catalysts for Highâ€Rate Polysulfide Conversion (Angew. Chem. 23/2020). Angewandte Chemie, 2020, 132, 9278-9278.	2.0	1
72	Cycling a Lithium Metal Anode at 90â€‰Â°C in a Liquid Electrolyte. Angewandte Chemie - International Edition, 2020, 59, 15109-15113.	13.8	61

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73	Electrochemical Phase Evolution of Metalâ€Based Preâ€Catalysts for Highâ€Rate Polysulfide Conversion. Angewandte Chemie - International Edition, 2020, 59, 9011-9017.	13.8	164
74	Electrochemical Phase Evolution of Metalâ€Based Preâ€Catalysts for Highâ€Rate Polysulfide Conversion. Angewandte Chemie, 2020, 132, 9096-9102.	2.0	42
75	A Perspective toward Practical Lithiumâ€"Sulfur Batteries. ACS Central Science, 2020, 6, 1095-1104.	11.3	442
76	Spatial and Kinetic Regulation of Sulfur Electrochemistry on Semiâ€Immobilized Redox Mediators in Working Batteries. Angewandte Chemie - International Edition, 2020, 59, 17670-17675.	13.8	54
77	Multiscale Construction of Bifunctional Electrocatalysts for Longâ€Lifespan Rechargeable Zincâ€"Air Batteries. Advanced Functional Materials, 2020, 30, 2003619.	14.9	70
78	Spatial and Kinetic Regulation of Sulfur Electrochemistry on Semiâ€Immobilized Redox Mediators in Working Batteries. Angewandte Chemie, 2020, 132, 17823-17828.	2.0	5
79	Asymmetric Air Cathode Design for Enhanced Interfacial Electrocatalytic Reactions in Highâ€Performance Zincâ€"Air Batteries. Advanced Materials, 2020, 32, e1908488.	21.0	107
80	A Mixed Ether Electrolyte for Lithium Metal Anode Protection in Working Lithiumâ€"Sulfur Batteries. Energy and Environmental Materials, 2020, 3, 160-165.	12.8	85
81	Precise anionic regulation of NiFe hydroxysulfide assisted by electrochemical reactions for efficient electrocatalysis. Energy and Environmental Science, 2020, 13, 1711-1716.	30.8	103
82	InnenrÃ¼cktitelbild: A Sustainable Solid Electrolyte Interphase for Highâ€Energyâ€Density Lithium Metal Batteries Under Practical Conditions (Angew. Chem. 8/2020). Angewandte Chemie, 2020, 132, 3363-3363.	2.0	0
83	Toward Critical Electrode/Electrolyte Interfaces in Rechargeable Batteries. Advanced Functional Materials, 2020, 30, 1909887.	14.9	251
84	Framework Porphyrins: Oneâ€Pot Synthesis of Framework Porphyrin Materials and Their Applications in Bifunctional Oxygen Electrocatalysis (Adv. Funct. Mater. 29/2019). Advanced Functional Materials, 2019, 29, 1970198.	14.9	3
85	Implanting Atomic Cobalt within Mesoporous Carbon toward Highly Stable Lithiumâ€"Sulfur Batteries. Advanced Materials, 2019, 31, e1903813.	21.0	310
86	A Coaxialâ€Interweaved Hybrid Lithium Metal Anode for Longâ€Lifespan Lithium Metal Batteries. Advanced Energy Materials, 2019, 9, 1901932.	19.5	73
87	Graphene-based Fe-coordinated framework porphyrin as an interlayer for lithiumâ€"sulfur batteries. Materials Chemistry Frontiers, 2019, 3, 615-619.	5.9	47
88	From Supramolecular Species to Selfâ€Templated Porous Carbon and Metalâ€Doped Carbon for Oxygen Reduction Reaction Catalysts. Angewandte Chemie, 2019, 131, 5017-5021.	2.0	7
89	From Supramolecular Species to Selfâ€Templated Porous Carbon and Metalâ€Doped Carbon for Oxygen Reduction Reaction Catalysts. Angewandte Chemie - International Edition, 2019, 58, 4963-4967.	13.8	59
90	Current-density dependence of Li₂S/Li₂S₂ growth in lithiumâ€"sulfur batteries. Energy and Environmental Science, 2019, 12, 2976-2982.	30.8	102

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91	Frameworkâ€Porphyrinâ€Derived Singleâ€Atom Bifunctional Oxygen Electrocatalysts and their Applications in Znâ€“Air Batteries. Advanced Materials, 2019, 31, e1900592.	21.0	256
92	Transition metal coordinated framework porphyrin for electrocatalytic oxygen reduction. Chinese Chemical Letters, 2019, 30, 911-914.	9.0	54
93	Nonuniform Redistribution of Sulfur and Lithium upon Cycling: Probing the Origin of Capacity Fading in Lithiumâ€“Sulfur Pouch Cells. Energy Technology, 2019, 7, 1900111.	3.8	32
94	Electrosynthesis of Hydrogen Peroxide Synergistically Catalyzed by Atomic Coâ€“N<i>_x</i>â€“C Sites and Oxygen Functional Groups in Nobleâ€Metalâ€Free Electrocatalysts. Advanced Materials, 2019, 31, e1808173.	21.0	252
95	Oneâ€Pot Synthesis of Framework Porphyrin Materials and Their Applications in Bifunctional Oxygen Electrocatalysis. Advanced Functional Materials, 2019, 29, 1901301.	14.9	63
96	Lithiophilicity chemistry of heteroatom-doped carbon to guide uniform lithium nucleation in lithium metal anodes. Science Advances, 2019, 5, eaau7728.	10.3	417
97	Expediting redox kinetics of sulfur species by atomicâ€scale electrocatalysts in lithiumâ€“sulfur batteries. InformaÄnÃ-MateriÃ¡ly, 2019, 1, 533-541.	17.3	261
98	Advanced electrosynthesis of hydrogen peroxide on oxidized carbon electrocatalyst. Journal of Energy Chemistry, 2019, 34, 10-11.	12.9	19
99	Towards full demonstration of high areal loading sulfur cathode in lithiumâ€“sulfur batteries. Journal of Energy Chemistry, 2019, 39, 17-22.	12.9	87
100	Uniform Lithium Nucleation Guided by Atomically Dispersed Lithiophilic CoN<i>_x</i> Sites for Safe Lithium Metal Batteries. Small Methods, 2019, 3, 1800354.	8.6	70
101	Regulating Anions in the Solvation Sheath of Lithium Ions for Stable Lithium Metal Batteries. ACS Energy Letters, 2019, 4, 411-416.	17.4	323
102	Innentitelbild: Activating Inert Metallic Compounds for Highâ€Rate Lithiumâ€“Sulfur Batteries Through In Situ Etching of Extrinsic Metal (Angew. Chem. 12/2019). Angewandte Chemie, 2019, 131, 3692-3692.	2.0	1
103	Conductive and Catalytic Tripleâ€Phase Interfaces Enabling Uniform Nucleation in Highâ€Rate Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2019, 9, 1802768.	19.5	508
104	Activating Inert Metallic Compounds for Highâ€Rate Lithiumâ€“Sulfur Batteries Through In Situ Etching of Extrinsic Metal. Angewandte Chemie - International Edition, 2019, 58, 3779-3783.	13.8	296
105	Activating Inert Metallic Compounds for Highâ€Rate Lithiumâ€“Sulfur Batteries Through In Situ Etching of Extrinsic Metal. Angewandte Chemie, 2019, 131, 3819-3823.	2.0	41
106	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. Research, 2019, 2019, 1-11.	5.7	33
107	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. Research, 2019, 2019, 4608940.	5.7	29
108	Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes. Angewandte Chemie - International Edition, 2018, 57, 5301-5305.	13.8	601

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109	Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes. Angewandte Chemie, 2018, 130, 5399-5403.	2.0	116
110	Titelbild: Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes (Angew. Chem. 19/2018). Angewandte Chemie, 2018, 130, 5275-5275.	2.0	2
111	Porphyrin Organic Framework Hollow Spheres and Their Applications in Lithiumâ€“Sulfur Batteries. Advanced Materials, 2018, 30, e1707483.	21.0	145
112	Porphyrinâ€Derived Grapheneâ€Based Nanosheets Enabling Strong Polysulfide Chemisorption and Rapid Kinetics in Lithiumâ€“Sulfur Batteries. Advanced Energy Materials, 2018, 8, 1800849.	19.5	211
113	A review of anion-regulated multi-anion transition metal compounds for oxygen evolution electrocatalysis. Inorganic Chemistry Frontiers, 2018, 5, 521-534.	6.0	123
114	Ionâ€“Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode. Angewandte Chemie, 2018, 130, 742-745.	2.0	35
115	Innentitelbild: Ionâ€“Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode (Angew. Chem. 3/2018). Angewandte Chemie, 2018, 130, 606-606.	2.0	0
116	Anionâ€Regulated Hydroxysulfide Monoliths as OER/ORR/HER Electrocatalysts and their Applications in Selfâ€Powered Electrochemical Water Splitting. Small Methods, 2018, 2, 1800055.	8.6	91
117	Defect-rich carbon fiber electrocatalysts with porous graphene skin for flexible solid-state zincâ€“air batteries. Energy Storage Materials, 2018, 15, 124-130.	18.0	162
118	A Bifunctional Perovskite Promoter for Polysulfide Regulation toward Stable Lithiumâ€“Sulfur Batteries. Advanced Materials, 2018, 30, 1705219.	21.0	276
119	An ion redistributor for dendrite-free lithium metal anodes. Science Advances, 2018, 4, eaat3446.	10.3	347
120	An Armored Mixed Conductor Interphase on a Dendriteâ€Free Lithiumâ€Metal Anode. Advanced Materials, 2018, 30, e1804461.	21.0	338
121	Porphyrin Organic Frameworks: Porphyrin Organic Framework Hollow Spheres and Their Applications in Lithium-Sulfur Batteries (Adv. Mater. 23/2018). Advanced Materials, 2018, 30, 1870160.	21.0	4
122	A porphyrin covalent organic framework cathode for flexible Znâ€“air batteries. Energy and Environmental Science, 2018, 11, 1723-1729.	30.8	298
123	Ionâ€“Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode. Angewandte Chemie - International Edition, 2018, 57, 734-737.	13.8	208
124	A Quinonoidâ€Imineâ€Enriched Nanostructured Polymer Mediator for Lithiumâ€“Sulfur Batteries. Advanced Materials, 2017, 29, 1606802.	21.0	127
125	Anionic Regulated NiFe (Oxy)Sulfide Electrocatalysts for Water Oxidation. Small, 2017, 13, 1700610.	10.0	150
126	Regulating p-block metals in perovskite nanodots for efficient electrocatalytic water oxidation. Nature Communications, 2017, 8, 934.	12.8	102

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127	Bifunctional Transition Metal Hydroxysulfides: Roomâ€Temperature Sulfurization and Their Applications in Znâ€"Air Batteries. Advanced Materials, 2017, 29, 1702327.	21.0	334
128	Advances in Hybrid Electrocatalysts for Oxygen Evolution Reactions: Rational Integration of NiFe Layered Double Hydroxides and Nanocarbon. Particle and Particle Systems Characterization, 2016, 33, 473-486.	2.3	106
129	Design Principles for Heteroatom-Doped Nanocarbon to Achieve Strong Anchoring of Polysulfides for Lithium-Sulfur Batteries. Small, 2016, 12, 3283-3291.	10.0	661
130	Topological Defects in Metalâ€Free Nanocarbon for Oxygen Electrocatalysis. Advanced Materials, 2016, 28, 6845-6851.	21.0	629
131	Monolithic-structured ternary hydroxides as freestanding bifunctional electrocatalysts for overall water splitting. Journal of Materials Chemistry A, 2016, 4, 7245-7250.	10.3	178
132	Oxygen Electrocatalysis: Topological Defects in Metal-Free Nanocarbon for Oxygen Electrocatalysis (Adv. Mater. 32/2016). Advanced Materials, 2016, 28, 7030-7030.	21.0	10
133	An aqueous preoxidation method for monolithic perovskite electrocatalysts with enhanced water oxidation performance. Science Advances, 2016, 2, e1600495.	10.3	75
134	CaOâ€Templated Growth of Hierarchical Porous Graphene for Highâ€Power Lithiumâ€"Sulfur Battery Applications. Advanced Functional Materials, 2016, 26, 577-585.	14.9	355
135	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. Carbon, 2016, 103, 36-44.	10.3	30
136	Polysulfide Electrocatalysis on Framework Porphyrin in High-Capacity and High-Stable Lithiumâ€"Sulfur Batteries. CCS Chemistry, 0, , 128-137.	7.8	131