

Xiang Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6074078/publications.pdf>

Version: 2024-02-01

131
papers

17,819
citations

16451

64
h-index

13771

129
g-index

142
all docs

142
docs citations

142
times ranked

9866
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on the lithium transport mechanism in solid-state battery materials. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2023, 13, .	14.6	11
2	Polar interaction of polymer host-solvent enables stable solid electrolyte interphase in composite lithium metal anodes. Journal of Energy Chemistry, 2022, 64, 172-178.	12.9	42
3	A generalizable, data-driven online approach to forecast capacity degradation trajectory of lithium batteries. Journal of Energy Chemistry, 2022, 68, 548-555.	12.9	46
4	An encapsulating lithium-polysulfide electrolyte for practical lithium-sulfur batteries. Chem, 2022, 8, 1083-1098.	11.7	77
5	The chemical origin of temperature-dependent lithium-ion concerted diffusion in sulfide solid electrolyte Li ₁₀ GeP ₂ S ₁₂ . Journal of Energy Chemistry, 2022, 70, 59-66.	12.9	22
6	Frontispiece: Surface Gelation on Disulfide Electrocatalysts in Lithium-Sulfur Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	2
7	Frontispiz: Surface Gelation on Disulfide Electrocatalysts in Lithium-Sulfur Batteries. Angewandte Chemie, 2022, 134, .	2.0	0
8	Uncovering electrocatalytic conversion mechanisms from Li ₂ S ₂ to Li ₂ S: Generalization of computational hydrogen electrode. Energy Storage Materials, 2022, 47, 327-335.	18.0	22
9	A review on theoretical models for lithium-sulfur battery cathodes. Informa-Materially, 2022, 4, .	17.3	143
10	Surface Gelation on Disulfide Electrocatalysts in Lithium-Sulfur Batteries. Angewandte Chemie, 2022, 134, .	2.0	9
11	Surface Gelation on Disulfide Electrocatalysts in Lithium-Sulfur Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	67
12	Dead lithium formation in lithium metal batteries: A phase field model. Journal of Energy Chemistry, 2022, 71, 29-35.	12.9	60
13	Thermal safety of dendritic lithium against non-aqueous electrolyte in pouch-type lithium metal batteries. Journal of Energy Chemistry, 2022, 72, 158-165.	12.9	65
14	Fluorinating the Solid Electrolyte Interphase by Rational Molecular Design for Practical Lithium-Metal Batteries. Angewandte Chemie, 2022, 134, .	2.0	10
15	Fluorinating the Solid Electrolyte Interphase by Rational Molecular Design for Practical Lithium-Metal Batteries. Angewandte Chemie - International Edition, 2022, 61, .	13.8	68
16	Applying Classical, Ab Initio, and Machine-Learning Molecular Dynamics Simulations to the Liquid Electrolyte for Rechargeable Batteries. Chemical Reviews, 2022, 122, 10970-11021.	47.7	138
17	The Origin of Fast Lithium-Ion Transport in the Inorganic Solid Electrolyte Interphase on Lithium Metal Anodes. Small Structures, 2022, 3, .	12.0	42
18	A review of deep learning approach to predicting the state of health and state of charge of lithium-ion batteries. Journal of Energy Chemistry, 2022, 74, 159-173.	12.9	78

#	ARTICLE	IF	CITATIONS
19	Regulating Interfacial Chemistry in Lithium-Ion Batteries by a Weakly Solvating Electrolyte**. <i>Angewandte Chemie</i> , 2021, 133, 4136-4143.	2.0	74
20	Identifying the Critical Anion-Cation Coordination to Regulate the Electric Double Layer for an Efficient Lithium-Metal Anode Interface. <i>Angewandte Chemie</i> , 2021, 133, 4261-4266.	2.0	25
21	Identifying the Critical Anion-Cation Coordination to Regulate the Electric Double Layer for an Efficient Lithium-Metal Anode Interface. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4215-4220.	13.8	145
22	Regulating Interfacial Chemistry in Lithium-Ion Batteries by a Weakly Solvating Electrolyte**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4090-4097.	13.8	373
23	Covalent Organic Frameworks Construct Precise Lithiophilic Sites for Uniform Lithium Deposition. <i>Matter</i> , 2021, 4, 253-264.	10.0	73
24	Formation mechanism of the solid electrolyte interphase in different ester electrolytes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 19664-19668.	10.3	59
25	How Does External Pressure Shape Li Dendrites in Li Metal Batteries?. <i>Advanced Energy Materials</i> , 2021, 11, 2003416.	19.5	141
26	Identifying the Critical Anion-Cation Coordination to Regulate the Electric Double Layer for an Efficient Lithium-Metal Anode Interface (<i>Angew. Chem.</i> 8/2021). <i>Angewandte Chemie</i> , 2021, 133, 4428-4428.	2.0	0
27	Frontispiz: Regulating Interfacial Chemistry in Lithium-Ion Batteries by a Weakly Solvating Electrolyte. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	1
28	Frontispiece: Regulating Interfacial Chemistry in Lithium-Ion Batteries by a Weakly Solvating Electrolyte. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	1
29	An Organodiselenide Comediator to Facilitate Sulfur Redox Kinetics in Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2021, 33, e2007298.	21.0	171
30	Stress Regulation on Atomic Bonding and Ionic Diffusivity: Mechanochemical Effects in Sulfide Solid Electrolytes. <i>Energy & Fuels</i> , 2021, 35, 10210-10218.	5.1	22
31	The Defect Chemistry of Carbon Frameworks for Regulating the Lithium Nucleation and Growth Behaviors in Lithium Metal Anodes. <i>Small</i> , 2021, 17, e2007142.	10.0	35
32	Non-Solvating and Low-Dielectricity Cosolvent for Anion-Derived Solid Electrolyte Interphases in Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2021, 133, 11543-11548.	2.0	19
33	Non-Solvating and Low-Dielectricity Cosolvent for Anion-Derived Solid Electrolyte Interphases in Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11442-11447.	13.8	169
34	Lithium-Sulfur Batteries: An Organodiselenide Comediator to Facilitate Sulfur Redox Kinetics in Lithium-Sulfur Batteries (<i>Adv. Mater.</i> 13/2021). <i>Advanced Materials</i> , 2021, 33, 2170100.	21.0	6
35	Influence of Crystallinity of Lithium Thiophosphate Solid Electrolytes on the Performance of Solid-State Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2100654.	19.5	64
36	Can Aqueous Zinc-Air Batteries Work at Sub-Zero Temperatures?. <i>Angewandte Chemie</i> , 2021, 133, 15409-15413.	2.0	53

#	ARTICLE	IF	CITATIONS
37	Electrolyte Structure of Lithium Polysulfides with Anti-Reductive Solvent Shells for Practical Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15503-15509.	13.8	108
38	Electrolyte Structure of Lithium Polysulfides with Anti-Reductive Solvent Shells for Practical Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2021, 133, 15631-15637.	2.0	8
39	Can Aqueous Zinc-Air Batteries Work at Sub-Zero Temperatures?. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15281-15285.	13.8	76
40	The dynamic evolution of aggregated lithium dendrites in lithium metal batteries. <i>Chinese Journal of Chemical Engineering</i> , 2021, 37, 137-143.	3.5	12
41	Role of Lithiophilic Metal Sites in Lithium Metal Anodes. <i>Energy & Fuels</i> , 2021, 35, 12746-12752.	5.1	16
42	Ion-solvent chemistry in lithium battery electrolytes: From mono-solvent to multi-solvent complexes. <i>Fundamental Research</i> , 2021, 1, 393-398.	3.3	50
43	An Atomic Insight into the Chemical Origin and Variation of the Dielectric Constant in Liquid Electrolytes. <i>Angewandte Chemie</i> , 2021, 133, 21643-21648.	2.0	9
44	Applying Machine Learning to Rechargeable Batteries: From the Microscale to the Macroscale. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24354-24366.	13.8	67
45	Applying Machine Learning to Rechargeable Batteries: From the Microscale to the Macroscale. <i>Angewandte Chemie</i> , 2021, 133, 24558-24570.	2.0	11
46	Promoting the sulfur redox kinetics by mixed organodiselenides in high-energy-density lithium-sulfur batteries. <i>EScience</i> , 2021, 1, 44-52.	41.6	159
47	An Atomic Insight into the Chemical Origin and Variation of the Dielectric Constant in Liquid Electrolytes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21473-21478.	13.8	74
48	Stable Anion-Derived Solid Electrolyte Interphase in Lithium Metal Batteries. <i>Angewandte Chemie</i> , 2021, 133, 22865-22869.	2.0	32
49	The carrier transition from Li atoms to Li vacancies in solid-state lithium alloy anodes. <i>Science Advances</i> , 2021, 7, eabi5520.	10.3	110
50	Stable Anion-Derived Solid Electrolyte Interphase in Lithium Metal Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22683-22687.	13.8	125
51	Advanced Electrode Materials in Lithium Batteries: Retrospect and Prospect. <i>Energy Material Advances</i> , 2021, 2021, .	11.0	179
52	Usability Identification Framework and High-Throughput Screening of Two-Dimensional Materials in Lithium Ion Batteries. <i>ACS Nano</i> , 2021, 15, 16469-16477.	14.6	15
53	MOF-derived conductive carbon nitrides for separator-modified Li-S batteries and flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 1757-1766.	10.3	107
54	Redox Comediation with Organopolysulfides in Working Lithium-Sulfur Batteries. <i>CheM</i> , 2020, 6, 3297-3311.	11.7	177

#	ARTICLE	IF	CITATIONS
55	Ion-Solvent Chemistry-Inspired Cation-Additive Strategy to Stabilize Electrolytes for Sodium-Metal Batteries. <i>CheM</i> , 2020, 6, 2242-2256.	11.7	116
56	Atomic Insights into the Fundamental Interactions in Lithium Battery Electrolytes. <i>Accounts of Chemical Research</i> , 2020, 53, 1992-2002.	15.6	171
57	Building an Air Stable and Lithium Deposition Regulable Garnet Interface from Moderate-Temperature Conversion Chemistry. <i>Angewandte Chemie</i> , 2020, 132, 12167-12173.	2.0	30
58	Solid Electrolyte Interphase: The Failure of Solid Electrolyte Interphase on Li Metal Anode: Structural Uniformity or Mechanical Strength? (<i>Adv. Energy Mater.</i> 10/2020). <i>Advanced Energy Materials</i> , 2020, 10, 2070045.	19.5	2
59	Lithium Bonds in Lithium Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11192-11195.	13.8	99
60	Sodiophilicity/potassiophilicity chemistry in sodium/potassium metal anodes. <i>Journal of Energy Chemistry</i> , 2020, 51, 1-6.	12.9	69
61	Lithium Bonds in Lithium Batteries. <i>Angewandte Chemie</i> , 2020, 132, 11288-11291.	2.0	20
62	Building an Air Stable and Lithium Deposition Regulable Garnet Interface from Moderate-Temperature Conversion Chemistry. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12069-12075.	13.8	128
63	The Failure of Solid Electrolyte Interphase on Li Metal Anode: Structural Uniformity or Mechanical Strength?. <i>Advanced Energy Materials</i> , 2020, 10, 1903645.	19.5	182
64	Combining theory and experiment in lithium-sulfur batteries: Current progress and future perspectives. <i>Materials Today</i> , 2019, 22, 142-158.	14.2	301
65	Modeling and theoretical design of next-generation lithium metal batteries. <i>Energy Storage Materials</i> , 2019, 16, 169-193.	18.0	67
66	Rational design of graphitic-inorganic Bi-layer artificial SEI for stable lithium metal anode. <i>Energy Storage Materials</i> , 2019, 16, 426-433.	18.0	85
67	Framework Porphyrins: One-Pot Synthesis of Framework Porphyrin Materials and Their Applications in Bifunctional Oxygen Electrocatalysis (<i>Adv. Funct. Mater.</i> 29/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970198.	14.9	3
68	Cation-Solvent, Cation-Anion, and Solvent-Solvent Interactions with Electrolyte Solvation in Lithium batteries. <i>Batteries and Supercaps</i> , 2019, 2, 114-114.	4.7	8
69	Graphene-based Fe-coordinated framework porphyrin as an interlayer for lithium-sulfur batteries. <i>Materials Chemistry Frontiers</i> , 2019, 3, 615-619.	5.9	47
70	Regulating the Inner Helmholtz Plane for Stable Solid Electrolyte Interphase on Lithium Metal Anodes. <i>Journal of the American Chemical Society</i> , 2019, 141, 9422-9429.	13.7	429
71	One-Pot Synthesis of Framework Porphyrin Materials and Their Applications in Bifunctional Oxygen Electrocatalysis. <i>Advanced Functional Materials</i> , 2019, 29, 1901301.	14.9	63
72	Dithiothreitol as a promising electrolyte additive to suppress the "shuttle effect" by slicing the disulfide bonds of polysulfides in lithium-sulfur batteries. <i>Journal of Power Sources</i> , 2019, 424, 254-260.	7.8	20

#	ARTICLE	IF	CITATIONS
73	Lithiophilicity chemistry of heteroatom-doped carbon to guide uniform lithium nucleation in lithium metal anodes. <i>Science Advances</i> , 2019, 5, eaau7728.	10.3	417
74	Uniform Lithium Nucleation Guided by Atomically Dispersed Lithiophilic CoN _x Sites for Safe Lithium Metal Batteries. <i>Small Methods</i> , 2019, 3, 1800354.	8.6	70
75	Regulating Anions in the Solvation Sheath of Lithium Ions for Stable Lithium Metal Batteries. <i>ACS Energy Letters</i> , 2019, 4, 411-416.	17.4	323
76	Innentitelbild: Activating Inert Metallic Compounds for High-Rate Lithium-Sulfur Batteries Through In Situ Etching of Extrinsic Metal (<i>Angew. Chem.</i> 12/2019). <i>Angewandte Chemie</i> , 2019, 131, 3692-3692.	2.0	1
77	Activating Inert Metallic Compounds for High-Rate Lithium-Sulfur Batteries Through In Situ Etching of Extrinsic Metal. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3779-3783.	13.8	296
78	Activating Inert Metallic Compounds for High-Rate Lithium-Sulfur Batteries Through In Situ Etching of Extrinsic Metal. <i>Angewandte Chemie</i> , 2019, 131, 3819-3823.	2.0	41
79	Cation-Solvent, Cation-Anion, and Solvent-Solvent Interactions with Electrolyte Solvation in Lithium Batteries. <i>Batteries and Supercaps</i> , 2019, 2, 128-131.	4.7	135
80	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. <i>Research</i> , 2019, 2019, 1-11.	5.7	33
81	Favorable Lithium Nucleation on Lithiophilic Framework Porphyrin for Dendrite-Free Lithium Metal Anodes. <i>Research</i> , 2019, 2019, 4608940.	5.7	29
82	Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5301-5305.	13.8	601
83	Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes. <i>Angewandte Chemie</i> , 2018, 130, 5399-5403.	2.0	116
84	Coralloid Carbon Fiber-Based Composite Lithium Anode for Robust Lithium Metal Batteries. <i>Joule</i> , 2018, 2, 764-777.	24.0	609
85	Titelbild: Highly Stable Lithium Metal Batteries Enabled by Regulating the Solvation of Lithium Ions in Nonaqueous Electrolytes (<i>Angew. Chem.</i> 19/2018). <i>Angewandte Chemie</i> , 2018, 130, 5275-5275.	2.0	2
86	Dual-Layered Film Protected Lithium Metal Anode to Enable Dendrite-Free Lithium Deposition. <i>Advanced Materials</i> , 2018, 30, e1707629.	21.0	378
87	Ion-Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode. <i>Angewandte Chemie</i> , 2018, 130, 742-745.	2.0	35
88	Innentitelbild: Ion-Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode (<i>Angew. Chem.</i> 3/2018). <i>Angewandte Chemie</i> , 2018, 130, 606-606.	2.0	0
89	A Bifunctional Perovskite Promoter for Polysulfide Regulation toward Stable Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2018, 30, 1705219.	21.0	276
90	An ion redistributor for dendrite-free lithium metal anodes. <i>Science Advances</i> , 2018, 4, eaat3446.	10.3	347

#	ARTICLE	IF	CITATIONS
91	Innentitelbild: The Origin of the Reduced Reductive Stability of Ion-Solvent Complexes on Alkali and Alkaline Earth Metal Anodes (Angew. Chem. 51/2018). Angewandte Chemie, 2018, 130, 16810-16810.	2.0	0
92	Uniform Nucleation of Lithium in 3D Current Collectors via Bromide Intermediates for Stable Cycling Lithium Metal Batteries. Journal of the American Chemical Society, 2018, 140, 18051-18057.	13.7	138
93	Rücktitelbild: Lithium Nitrate Solvation Chemistry in Carbonate Electrolyte Sustains High-Voltage Lithium Metal Batteries (Angew. Chem. 43/2018). Angewandte Chemie, 2018, 130, 14488-14488.	2.0	0
94	A Polysulfide-Immobilizing Polymer Retards the Shuttling of Polysulfide Intermediates in Lithium-Sulfur Batteries. Advanced Materials, 2018, 30, e1804581.	21.0	246
95	The Origin of the Reduced Reductive Stability of Ion-Solvent Complexes on Alkali and Alkaline Earth Metal Anodes. Angewandte Chemie, 2018, 130, 16885-16889.	2.0	50
96	The Origin of the Reduced Reductive Stability of Ion-Solvent Complexes on Alkali and Alkaline Earth Metal Anodes. Angewandte Chemie - International Edition, 2018, 57, 16643-16647.	13.8	124
97	The Radical Pathway Based on a Lithium-Metal-Compatible High-Dielectric Electrolyte for Lithium-Sulfur Batteries. Angewandte Chemie - International Edition, 2018, 57, 16732-16736.	13.8	170
98	The Radical Pathway Based on a Lithium-Metal-Compatible High-Dielectric Electrolyte for Lithium-Sulfur Batteries. Angewandte Chemie, 2018, 130, 16974-16978.	2.0	36
99	Enhanced Electrochemical Kinetics and Polysulfide Traps of Indium Nitride for Highly Stable Lithium-Sulfur Batteries. ACS Nano, 2018, 12, 9578-9586.	14.6	217
100	Lithium Nitrate Solvation Chemistry in Carbonate Electrolyte Sustains High-Voltage Lithium Metal Batteries. Angewandte Chemie, 2018, 130, 14251-14255.	2.0	117
101	Lithium Nitrate Solvation Chemistry in Carbonate Electrolyte Sustains High-Voltage Lithium Metal Batteries. Angewandte Chemie - International Edition, 2018, 57, 14055-14059.	13.8	410
102	Lithium Metal Anodes: Dual-Layered Film Protected Lithium Metal Anode to Enable Dendrite-Free Lithium Deposition (Adv. Mater. 25/2018). Advanced Materials, 2018, 30, 1870181.	21.0	11
103	Ion-Solvent Complexes Promote Gas Evolution from Electrolytes on a Sodium Metal Anode. Angewandte Chemie - International Edition, 2018, 57, 734-737.	13.8	208
104	Towards stable lithium-sulfur batteries: Mechanistic insights into electrolyte decomposition on lithium metal anode. Energy Storage Materials, 2017, 8, 194-201.	18.0	171
105	Fluoroethylene Carbonate Additives to Render Uniform Li Deposits in Lithium Metal Batteries. Advanced Functional Materials, 2017, 27, 1605989.	14.9	1,189
106	Implantable Solid Electrolyte Interphase in Lithium-Metal Batteries. Chem, 2017, 2, 258-270.	11.7	474
107	An Analogous Periodic Law for Strong Anchoring of Polysulfides on Polar Hosts in Lithium Sulfur Batteries: S- or Li-Binding on First-Row Transition-Metal Sulfides?. ACS Energy Letters, 2017, 2, 795-801.	17.4	264
108	Innentitelbild: Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendrite-Free Lithium Metal Anodes (Angew. Chem. 27/2017). Angewandte Chemie, 2017, 129, 7790-7790.	2.0	4

#	ARTICLE	IF	CITATIONS
109	Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendrite-Free Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7764-7768.	13.8	989
110	Lithiophilic Sites in Doped Graphene Guide Uniform Lithium Nucleation for Dendrite-Free Lithium Metal Anodes. <i>Angewandte Chemie</i> , 2017, 129, 7872-7876.	2.0	186
111	Lithium Bond Chemistry in Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2017, 129, 8290-8294.	2.0	85
112	Lithium Bond Chemistry in Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8178-8182.	13.8	439
113	Thumbnail: Columnar Lithium Metal Anodes (<i>Angew. Chem.</i> 45/2017). <i>Angewandte Chemie</i> , 2017, 129, 14508-14508.	2.0	0
114	Columnar Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14207-14211.	13.8	199
115	Columnar Lithium Metal Anodes. <i>Angewandte Chemie</i> , 2017, 129, 14395-14399.	2.0	51
116	A Supramolecular Capsule for Reversible Polysulfide Storage/Delivery in Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16223-16227.	13.8	85
117	A Supramolecular Capsule for Reversible Polysulfide Storage/Delivery in Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2017, 129, 16441-16445.	2.0	19
118	Thumbnail: A Supramolecular Capsule for Reversible Polysulfide Storage/Delivery in Lithium-Sulfur Batteries (<i>Angew. Chem.</i> 51/2017). <i>Angewandte Chemie</i> , 2017, 129, 16635-16635.	2.0	0
119	Design Principles for Heteroatom-Doped Nanocarbon to Achieve Strong Anchoring of Polysulfides for Lithium-Sulfur Batteries. <i>Small</i> , 2016, 12, 3283-3291.	10.0	661
120	Topological Defects in Metal-Free Nanocarbon for Oxygen Electrocatalysis. <i>Advanced Materials</i> , 2016, 28, 6845-6851.	21.0	629
121	Frontispiz: Enhanced Electrochemical Kinetics on Conductive Polar Mediators for Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2016, 128, .	2.0	1
122	Frontispiece: Enhanced Electrochemical Kinetics on Conductive Polar Mediators for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	2
123	Enhanced Electrochemical Kinetics on Conductive Polar Mediators for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12990-12995.	13.8	560
124	Enhanced Electrochemical Kinetics on Conductive Polar Mediators for Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2016, 128, 13184-13189.	2.0	115
125	Oxygen Electrocatalysis: Topological Defects in Metal-Free Nanocarbon for Oxygen Electrocatalysis (<i>Adv. Mater.</i> 32/2016). <i>Advanced Materials</i> , 2016, 28, 7030-7030.	21.0	10
126	A Cooperative Interface for Highly Efficient Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2016, 28, 9551-9558.	21.0	514

#	ARTICLE	IF	CITATIONS
127	Lithium-Sulfur Batteries: A Cooperative Interface for Highly Efficient Lithium-Sulfur Batteries (Adv.) Tj ETQq1 1.0,784314,rgBT /Over	21.0	33
128	Information Theory Analysis of Blind Detection for PCMA Satellite Communication Systems. , 2013, , .		7
129	Dissolution-Precipitation Dynamics in Ester Electrolyte for High-Stability Lithium Metal Batteries. ACS Energy Letters, 0, , 1413-1421.	17.4	50
130	Polysulfide Electrocatalysis on Framework Porphyrin in High-Capacity and High-Stable Lithium-Sulfur Batteries. CCS Chemistry, 0, , 128-137.	7.8	131
131	MXenes Composites as the Protective Layer for Li Metal Electrodes. Nano Hybrids and Composites, 0, 34, 9-14.	0.8	0