Xiulei Ji

List of Publications by Year
in descending order

149 papers	32,229 citations	10070 75 h-index	11282 141 g-index
156 all docs	156 docs citations	156 times ranked	23990 citing authors

#	Article	IF	Citations
1	Prussian Blue Analogues as Electrodes for Aqueous Monovalent Ion Batteries. Electrochemical Energy Reviews, 2022, 5, 242-262.	13.1	59
2	The Quest for Stable Potassiumâ€‘ion Battery Chemistry. Advanced Materials, 2022, 34, e2106876.	11.1	41
3	Evaluating Interfacial Stability in Solid-State Pouch Cells via Ultrasonic Imaging. ACS Energy Letters, 2022, 7, 650-658.	8.8	32
4	A Graphiteâ^¥PTCDI Aqueous Dualâ€‘ion Battery. ChemSusChem, 2022, 15, e202102394.	3.6	18
5	Low-Temperature Aqueous Batteries: Challenges and Opportunities. Journal of the Electrochemical Society, 2022, 169, 030537.	1.3	17
6	Understanding Lithium Local Environments in LiMn_{0.5}Ni_{0.5}O₂ Cathodes: A DFT-Supported ⁶Li Solid-State NMR Study. Journal of Physical Chemistry C, 2022, 126, 4276-4285.	1.5	2
7	[LiCl₂]^{â^'} Superhalide: A New Charge Carrier for Graphite Cathode of Dualâ€‘ion Batteries. Advanced Functional Materials, 2022, 32, .	7.8	14
8	Acidâ€‘inâ€‘Clay Electrolyte for Wideâ€‘Temperatureâ€‘Range and Longâ€‘Cycle Proton Batteries. Advanced Materials, 2022, 34, e2202063.	11.1	16
9	From Copper to Basic Copper Carbonate: A Reversible Conversion Cathode in Aqueous Anion Batteries. Angewandte Chemie - International Edition, 2022, 61, .	7.2	6
10	Combining Experimental and Theoretical Techniques to Gain an Atomic Level Understanding of the Defect Binding Mechanism in Hard Carbon Anodes for Sodium Ion Batteries. Advanced Energy Materials, 2022, 12, .	10.2	38
11	Unlocking the Longevity of the Iron Metal Anode. ACS Central Science, 2022, 8, 686-688.	5.3	3
12	Burning magnesium in carbon dioxide for highly effective phosphate removal. , 2021, 3, 330-337.		4
13	Non-metallic charge carriers for aqueous batteries. Nature Reviews Materials, 2021, 6, 109-123.	23.3	250
14	Tailoring the linking patterns of polypyrene cathodes for high-performance aqueous Zn dual-ion batteries. Energy and Environmental Science, 2021, 14, 462-472.	15.6	88
15	Reinforced potassium and ammonium storage of the polyimide anode in acetate-based water-in-salt electrolytes. Electrochemistry Communications, 2021, 122, 106880.	2.3	38
16	The electrolyte comprising more robust water and superhalides transforms Znâ€‘metal anode reversiblyÂ and dendriteâ€‘free. , 2021, 3, 339-348.		100
17	Reversible Insertion of Iâ€“Cl Interhalogen in a Graphite Cathode for Aqueous Dual-Ion Batteries. ACS Energy Letters, 2021, 6, 459-467.	8.8	54
18	A Znâ€“S aqueous primary battery with high energy and flat discharge plateau. Chemical Communications, 2021, 57, 9918-9921.	2.2	16

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19	Tuning the Optoelectronic Properties of Hybrid Functionalized MIL-125-NH₂ for Photocatalytic Hydrogen Evolution. ACS Applied Materials & Interfaces, 2021, 13, 5044-5051.	4.0	33
20	The Renaissance of Proton Batteries. Small Structures, 2021, 2, 2000113.	6.9	77
21	The 2021 battery technology roadmap. Journal Physics D: Applied Physics, 2021, 54, 183001.	1.3	158
22	Anticatalytic Strategies to Suppress Water Electrolysis in Aqueous Batteries. Chemical Reviews, 2021, 121, 6654-6695.	23.0	175
23	A review of halide charge carriers for rockingâ€chair and dualâ€ion batteries. , 2021, 3, 627-653.		24
24	Rechargeable anion-shuttle batteries for low-cost energy storage. CheM, 2021, 7, 1993-2021.	5.8	70
25	Electrocatalytic and stoichiometric reactivity of 2D layered siloxene for highâ€energyâ€dense lithiumâ€"sulfur batteries. , 2021, 3, 976-990.		14
26	Reversible electrochemical conversion from selenium to cuprous selenide. Chemical Communications, 2021, 57, 10703-10706.	2.2	6
27	Feâ€ion Bolted VOPO₄âˆ™2H₂O as an Aqueous Feâ€ion Battery Electrode. Advanced Materials, 2021, 33, e2105234.	11.1	38
28	A perspective of ZnCl2 electrolytes: The physical and electrochemical properties. EScience, 2021, 1, 99-107.	25.0	100
29	Strategien fÃ¼r kostengÃ¼nstige und leistungsstarke Dualâ€Ionenâ€Batterien. Angewandte Chemie, 2020, 132, 3830-3861.	1.6	40
30	Strategies towards Lowâ€Cost Dualâ€Ion Batteries with High Performance. Angewandte Chemie - International Edition, 2020, 59, 3802-3832.	7.2	242
31	Hydrous Nickelâ€"Iron Turnbullâ€™s Blue as a High-Rate and Low-Temperature Proton Electrode. ACS Applied Materials & Interfaces, 2020, 12, 9201-9208.	4.0	49
32	Fluorinated co-solvent promises Li-S batteries under lean-electrolyte conditions. Materials Today, 2020, 40, 63-71.	8.3	61
33	Reversible Insertion of Mgâ€Cl Superhalides in Graphite as a Cathode for Aqueous Dualâ€Ion Batteries. Angewandte Chemie - International Edition, 2020, 59, 19924-19928.	7.2	39
34	Reversible Insertion of Mgâ€Cl Superhalides in Graphite as a Cathode for Aqueous Dualâ€Ion Batteries. Angewandte Chemie, 2020, 132, 20096-20100.	1.6	16
35	A Nonâ€aqueous H₃PO₄ Electrolyte Enables Stable Cycling of Proton Electrodes. Angewandte Chemie - International Edition, 2020, 59, 22007-22011.	7.2	35
36	Back Cover Image, Volume 2, Number 3, September 2020. , 2020, 2, ii.		0

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37	A Nonâ€aqueous H 3 PO 4 Electrolyte Enables Stable Cycling of Proton Electrodes. Angewandte Chemie, 2020, 132, 22191-22195.	1.6	13
38	Ammonia Thermal Treatment toward Topological Defects in Porous Carbon for Enhanced Carbon Dioxide Electroreduction. Advanced Materials, 2020, 32, e2001300.	11.1	130
39	A Highâ€Rate Aqueous Proton Battery Delivering Power Below â^'78 Â°C via an Unfrozen Phosphoric Acid. Advanced Energy Materials, 2020, 10, 2000968.	10.2	134
40	Counterâ€ion insertion of chloride in Mn₃O₄ as cathode for dualâ€ion batteries: A new mechanism of electrosynthesis for reversible anion storage. , 2020, 2, 437-442.		25
41	Consolidating Lithiothermicâ€Ready Transition Metals for Li₂Sâ€Based Cathodes. Advanced Materials, 2020, 32, e2002403.	11.1	59
42	A Highâ€Potential Anionâ€Insertion Carbon Cathode for Aqueous Zinc Dualâ€Ion Battery. Advanced Functional Materials, 2020, 30, 2002825.	7.8	64
43	A Na₃V₂(PO₄)₂O_{1.6}F_{1.4} Cathode of Znâ€Ion Battery Enabled by a Waterâ€inâ€Bisalt Electrolyte. Advanced Functional Materials, 2020, 30, 2003511.	7.8	103
44	Design strategies for nonaqueous multivalent-ion and monovalent-ion battery anodes. Nature Reviews Materials, 2020, 5, 276-294.	23.3	284
45	A Perspective: the Technical Barriers of Zn Metal Batteries. Chemical Research in Chinese Universities, 2020, 36, 55-60.	1.3	16
46	Reversible intercalation of methyl viologen as a dicationic charge carrier in aqueous batteries. Nature Communications, 2019, 10, 3227.	5.8	46
47	A Fourâ€Electron Sulfur Electrode Hosting a Cu²⁺/Cu⁺ Redox Charge Carrier. Angewandte Chemie, 2019, 131, 12770-12775.	1.6	18
48	A Fourâ€Electron Sulfur Electrode Hosting a Cu²⁺/Cu⁺ Redox Charge Carrier. Angewandte Chemie - International Edition, 2019, 58, 12640-12645.	7.2	77
49	Aqueous batteries get energetic. Nature Chemistry, 2019, 11, 680-681.	6.6	36
50	ZnS coating of cathode facilitates leanâ€electrolyte Liâ€S batteries. , 2019, 1, 165-172.		87
51	A Dual Plating Battery with the Iodine/[ZnI_{<i>x</i>}(OH₂)_{4â^'<i>x</i>}]^{2â^'<i>x</i>} Cathode. Angewandte Chemie - International Edition, 2019, 58, 15910-15915.	7.2	86
52	Aqueous anion insertion into a hydrocarbon cathode via a water-in-salt electrolyte. Electrochemistry Communications, 2019, 109, 106599.	2.3	21
53	A Dual Plating Battery with the Iodine/[ZnI_{<i>x</i>}(OH₂)_{4â^'<i>x</i>}]^{2â^'<i>x</i>} Cathode. Angewandte Chemie, 2019, 131, 16057-16062.	1.6	23
54	Rechargeable Ironâ€"Sulfur Battery without Polysulfide Shuttling. Advanced Energy Materials, 2019, 9, 1902422.	10.2	84

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55	A paradigm of storage batteries. Energy and Environmental Science, 2019, 12, 3203-3224.	15.6	154
56	Diffusion-free Grotthuss topochemistry for high-rate and long-life proton batteries. Nature Energy, 2019, 4, 123-130.	19.8	446
57	ZnCl₂ â€œWaterâ€inâ€Saltâ€•Electrolyte Transforms the Performance of Vanadium Oxide as a Zn Battery Cathode. Advanced Functional Materials, 2019, 29, 1902653.	7.8	213
58	Low Temperature Pyrolyzed Soft Carbon as High Capacity K-Ion Anode. ACS Applied Energy Materials, 2019, 2, 4053-4058.	2.5	44
59	Ultra-fast NH4+ Storage: Strong H Bonding between NH4+ and Bi-layered V2O5. CheM, 2019, 5, 1537-1551.	5.8	207
60	Reverse Dual-Ion Battery via a ZnCl₂ Water-in-Salt Electrolyte. Journal of the American Chemical Society, 2019, 141, 6338-6344.	6.6	338
61	A Rechargeable Battery with an Iron Metal Anode. Advanced Functional Materials, 2019, 29, 1900911.	7.8	80
62	An Aqueous Dualâ€Ion Battery Cathode of Mn₃O₄ via Reversible Insertion of Nitrate. Angewandte Chemie - International Edition, 2019, 58, 5286-5291.	7.2	92
63	An Aqueous Dualâ€Ion Battery Cathode of Mn 3 O 4 via Reversible Insertion of Nitrate. Angewandte Chemie, 2019, 131, 5340-5345.	1.6	16
64	An ethyl methyl sulfone co-solvent eliminates macroscopic morphological instabilities of lithium metal anode. Chemical Communications, 2019, 55, 3387-3389.	2.2	8
65	Electrochemical Properties and Theoretical Capacity for Sodium Storage in Hard Carbon: Insights from First Principles Calculations. Chemistry of Materials, 2019, 31, 658-677.	3.2	60
66	Novel Potassium-Ion Hybrid Capacitor Based on an Anode of K₂Ti₆O₁₃ Microscaffolds. ACS Applied Materials & Interfaces, 2018, 10, 15542-15547.	4.0	209
67	Electrolytes, SEI Formation, and Binders: A Review of Nonelectrode Factors for Sodiumâ€Ion Battery Anodes. Small, 2018, 14, e1703576.	5.2	235
68	Water-in-Salt Electrolyte for Potassium-Ion Batteries. ACS Energy Letters, 2018, 3, 373-374.	8.8	233
69	Internal structure â€“ Na storage mechanisms â€“ Electrochemical performance relations in carbons. Progress in Materials Science, 2018, 97, 170-203.	16.0	100
70	A ZnCl₂ water-in-salt electrolyte for a reversible Zn metal anode. Chemical Communications, 2018, 54, 14097-14099.	2.2	491
71	Applications of Conventional Vibrational Spectroscopic Methods for Batteries Beyond Liâ€Ion. Small Methods, 2018, 2, 1700332.	4.6	33
72	Toward Higher Capacities of Hydrocarbon Cathodes in Dual-Ion Batteries. ACS Applied Materials & Interfaces, 2018, 10, 43311-43315.	4.0	37

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73	Insights on the Proton Insertion Mechanism in the Electrode of Hexagonal Tungsten Oxide Hydrate. Journal of the American Chemical Society, 2018, 140, 11556-11559.	6.6	128
74	NH₄⁺ Topotactic Insertion in Berlin Green: An Exceptionally Long-Cycling Cathode in Aqueous Ammonium-Ion Batteries. ACS Applied Energy Materials, 2018, 1, 3077-3083.	2.5	111
75	Amorphous titanic acid electrode: its electrochemical storage of ammonium in a new water-in-salt electrolyte. Chemical Communications, 2018, 54, 9805-9808.	2.2	68
76	Carbon-Supported Iron Phosphides: Highest Intrinsic Oxygen Evolution Activity of the Iron Triad. ACS Applied Energy Materials, 2018, 1, 3593-3597.	2.5	9
77	A Brief Review of Metallothermic Reduction Reactions for Materials Preparation. Small Methods, 2018, 2, 1800062.	4.6	42
78	Defective Hard Carbon Anode for Na-Ion Batteries. Chemistry of Materials, 2018, 30, 4536-4542.	3.2	158
79	Stackable bipolar pouch cells with corrosion-resistant current collectors enable high-power aqueous electrochemical energy storage. Energy and Environmental Science, 2018, 11, 2865-2875.	15.6	58
80	Influence of enhanced carbon crystallinity of nanoporous graphite on the cathode performance of microbial fuel cells. Carbon, 2017, 115, 271-278.	5.4	50
81	NASICONâ€Structured Materials for Energy Storage. Advanced Materials, 2017, 29, 1601925.	11.1	394
82	Prussian white analogues as promising cathode for non-aqueous potassium-ion batteries. Electrochemistry Communications, 2017, 77, 54-57.	2.3	170
83	Hard carbon anodes of sodium-ion batteries: undervalued rate capability. Chemical Communications, 2017, 53, 2610-2613.	2.2	167
84	Hydroniumâ€Ion Batteries with Perylenetetracarboxylic Dianhydride Crystals as an Electrode. Angewandte Chemie - International Edition, 2017, 56, 2909-2913.	7.2	169
85	Insights on the Mechanism of Na-Ion Storage in Soft Carbon Anode. Chemistry of Materials, 2017, 29, 2314-2320.	3.2	177
86	Hydroniumâ€Ion Batteries with Perylenetetracarboxylic Dianhydride Crystals as an Electrode. Angewandte Chemie, 2017, 129, 2955-2959.	1.6	53
87	Hardâ€"Soft Composite Carbon as a Longâ€Cycling and Highâ€Rate Anode for Potassiumâ€Ion Batteries. Advanced Functional Materials, 2017, 27, 1700324.	7.8	471
88	Mechanism of Naâ€Ion Storage in Hard Carbon Anodes Revealed by Heteroatom Doping. Advanced Energy Materials, 2017, 7, 1602894.	10.2	332
89	Emerging Non-Aqueous Potassium-Ion Batteries: Challenges and Opportunities. Chemistry of Materials, 2017, 29, 5031-5042.	3.2	548
90	Burning lithium in CS2 for high-performing compact Li2Sâ€"graphene nanocapsules for Liâ€"SÂ batteries. Nature Energy, 2017, 2, .	19.8	349

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91	Innentitelbild: Hydroniumâ€Ion Batteries with Perylenetetracarboxylic Dianhydride Crystals as an Electrode (Angew. Chem. 11/2017). Angewandte Chemie, 2017, 129, 2852-2852.	1.6	0
92	Mg-Ion Battery Electrode: An Organic Solidâ€™s Herringbone Structure Squeezed upon Mg-Ion Insertion. Journal of the American Chemical Society, 2017, 139, 13031-13037.	6.6	161
93	Rockingâ€Chair Ammoniumâ€Ion Battery: A Highly Reversible Aqueous Energy Storage System. Angewandte Chemie, 2017, 129, 13206-13210.	1.6	61
94	Rockingâ€Chair Ammoniumâ€Ion Battery: A Highly Reversible Aqueous Energy Storage System. Angewandte Chemie - International Edition, 2017, 56, 13026-13030.	7.2	266
95	Improved flexible Li-ion hybrid capacitors: Techniques for superior stability. Nano Research, 2017, 10, 4448-4456.	5.8	27
96	Identify the Removable Substructure in Carbon Activation. Chemistry of Materials, 2017, 29, 7288-7295.	3.2	51
97	A novel coronene//Na2Ti3O7 dual-ion battery. Nano Energy, 2017, 40, 233-239.	8.2	103
98	Fundamentally Addressing Bromine Storage through Reversible Solid-State Confinement in Porous Carbon Electrodes: Design of a High-Performance Dual-Redox Electrochemical Capacitor. Journal of the American Chemical Society, 2017, 139, 9985-9993.	6.6	115
99	Anion Hosting Cathodes in Dual-Ion Batteries. ACS Energy Letters, 2017, 2, 1762-1770.	8.8	220
100	Polynanocrystalline Graphite: A New Carbon Anode with Superior Cycling Performance for K-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 4343-4351.	4.0	200
101	Potassium Secondary Batteries. ACS Applied Materials & Interfaces, 2017, 9, 4404-4419.	4.0	721
102	Molecular Storage of Mg Ions with Vanadium Oxide Nanoclusters. Advanced Functional Materials, 2016, 26, 3446-3453.	7.8	65
103	A 1.8 V Aqueous Supercapacitor with a Bipolar Assembly of Ion-Exchange Membranes as the Separator. Journal of the Electrochemical Society, 2016, 163, A1853-A1858.	1.3	42
104	Hard Carbon Microspheres: Potassiumâ€Ion Anode Versus Sodiumâ€Ion Anode. Advanced Energy Materials, 2016, 6, 1501874.	10.2	814
105	Nitrogenâ€Doped Nanoporous Graphenic Carbon: An Efficient Conducting Support for O₂ Cathode. ChemNanoMat, 2016, 2, 692-697.	1.5	38
106	Anode Materials: Hard Carbon Microspheres: Potassiumâ€Ion Anode Versus Sodiumâ€Ion Anode (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 T	10.2	5
107	A Hydrocarbon Cathode for Dual-Ion Batteries. ACS Energy Letters, 2016, 1, 719-723.	8.8	124
108	Battery Technology: New Paradigms on the Nature of Solid Electrolyte Interphase Formation and Capacity Fading of Hard Carbon Anodes in Naâ€Ion Batteries (Adv. Mater. Interfaces 19/2016). Advanced Materials Interfaces, 2016, 3, .	1.9	0

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109	Poly(anthraquinonyl sulfide) cathode for potassium-ion batteries. Electrochemistry Communications, 2016, 71, 5-8.	2.3	235
110	New Paradigms on the Nature of Solid Electrolyte Interphase Formation and Capacity Fading of Hard Carbon Anodes in Naâ€Ion Batteries. Advanced Materials Interfaces, 2016, 3, 1600449.	1.9	74
111	Efficient Charge Storage in Dual-Redox Electrochemical Capacitors through Reversible Counterion-Induced Solid Complexation. Journal of the American Chemical Society, 2016, 138, 9373-9376.	6.6	83
112	High Capacity of Hard Carbon Anode in Na-Ion Batteries Unlocked by PO_{<i>x</i>} Doping. ACS Energy Letters, 2016, 1, 395-401.	8.8	172
113	Na-Ion Battery Anodes: Materials and Electrochemistry. Accounts of Chemical Research, 2016, 49, 231-240.	7.6	886
114	A perylene anhydride crystal as a reversible electrode for K-ion batteries. Energy Storage Materials, 2016, 2, 63-68.	9.5	141
115	Creation of a new type of ion exchange material for rapid, high-capacity, reversible and selective ion exchange without swelling and entrainment. Chemical Science, 2016, 7, 2138-2144.	3.7	72
116	Review on recent advances in nitrogen-doped carbons: preparations and applications in supercapacitors. Journal of Materials Chemistry A, 2016, 4, 1144-1173.	5.2	879
117	A Highâ€Power Symmetric Naâ€Ion Pseudocapacitor. Advanced Functional Materials, 2015, 25, 5778-5785.	7.8	105
118	Electrochemically Expandable Soft Carbon as Anodes for Na-Ion Batteries. ACS Central Science, 2015, 1, 516-522.	5.3	202
119	Recent Development on Anodes for Naâ€Ion Batteries. Israel Journal of Chemistry, 2015, 55, 486-507.	1.0	169
120	Low-Surface-Area Hard Carbon Anode for Na-Ion Batteries via Graphene Oxide as a Dehydration Agent. ACS Applied Materials & Interfaces, 2015, 7, 2626-2631.	4.0	226
121	Design of aqueous redox-enhanced electrochemical capacitors with high specific energies and slow self-discharge. Nature Communications, 2015, 6, 7818.	5.8	300
122	New Mechanistic Insights on Na-Ion Storage in Nongraphitizable Carbon. Nano Letters, 2015, 15, 5888-5892.	4.5	662
123	Na+ intercalation pseudocapacitance in graphene-coupled titanium oxide enabling ultra-fast sodium storage and long-term cycling. Nature Communications, 2015, 6, 6929.	5.8	969
124	Nanostructured Mn-Doped V₂O₅ Cathode Material Fabricated from Layered Vanadium Jarosite. Chemistry of Materials, 2015, 27, 7331-7336.	3.2	67
125	Carbon Electrodes for K-Ion Batteries. Journal of the American Chemical Society, 2015, 137, 11566-11569.	6.6	1,559
126	High Energy Density Aqueous Electrochemical Capacitors with a KI-KOH Electrolyte. ACS Applied Materials & Interfaces, 2015, 7, 19978-19985.	4.0	83

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127	Reducing CO2 to dense nanoporous graphene by Mg/Zn for high power electrochemical capacitors. Nano Energy, 2015, 11, 600-610.	8.2	100
128	Direct fabrication of nanoporous graphene from graphene oxide by adding a gasification agent to a magnesiothermic reaction. Chemical Communications, 2015, 51, 1969-1971.	2.2	39
129	Multiple Ambient Hydrolysis Deposition of Tin Oxide into Nanoporous Carbon To Give a Stable Anode for Lithium-Ion Batteries. Chemistry - A European Journal, 2014, 20, 7686-7691.	1.7	22
130	Ambient hydrolysis deposition of TiO2 in nanoporous carbon and the converted TiNâ€"carbon capacitive electrode. Journal of Materials Chemistry A, 2014, 2, 2901.	5.2	19
131	Gentle reduction of SBA-15 silica to its silicon replica with retention of morphology. RSC Advances, 2014, 4, 22048-22052.	1.7	4
132	Pyrolysis of Cellulose under Ammonia Leads to Nitrogen-Doped Nanoporous Carbon Generated through Methane Formation. Nano Letters, 2014, 14, 2225-2229.	4.5	297
133	Predicting capacity of hard carbon anodes in sodium-ion batteries using porosity measurements. Carbon, 2014, 76, 165-174.	5.4	279
134	An Organic Pigment as a Highâ€Performance Cathode for Sodiumâ€Ion Batteries. Advanced Energy Materials, 2014, 4, 1400554.	10.2	339
135	Efficient Fabrication of Nanoporous Si and Si/Ge Enabled by a Heat Scavenger in Magnesiothermic Reactions. Scientific Reports, 2013, 3, 2222.	1.6	125
136	Carbon nanofibers derived from cellulose nanofibers as a long-life anode material for rechargeable sodium-ion batteries. Journal of Materials Chemistry A, 2013, 1, 10662.	5.2	337
137	Production of graphene by reduction using a magnesiothermic reaction. Chemical Communications, 2013, 49, 10676.	2.2	23
138	Silicon-Based Thermoelectrics Made from a Boron-Doped Silicon Dioxide Nanocomposite. Chemistry of Materials, 2013, 25, 4867-4873.	3.2	24
139	Surfaceâ€Initiated Growth of Thin Oxide Coatings for Liâ€"Sulfur Battery Cathodes. Advanced Energy Materials, 2012, 2, 1490-1496.	10.2	156
140	Challenges Facing Lithium Batteries and Electrical Doubleâ€Layer Capacitors. Angewandte Chemie - International Edition, 2012, 51, 9994-10024.	7.2	2,407
141	Spatially heterogeneous carbon-fiber papers as surface dendrite-free current collectors for lithium deposition. Nano Today, 2012, 7, 10-20.	6.2	157
142	High â€œCâ€•rate Li-S cathodes: sulfur imbibed bimodal porous carbons. Energy and Environmental Science, 2011, 4, 2878.	15.6	446
143	Nanocrystalline intermetallics on mesoporous carbon for direct formic acid fuel cell anodes. Nature Chemistry, 2010, 2, 286-293.	6.6	448
144	Advances in Liâ€"S batteries. Journal of Materials Chemistry, 2010, 20, 9821.	6.7	1,765

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145	Agitation induced loading of sulfur into carbon CMK-3 nanotubes: efficient scavenging of noble metals from aqueous solution. Chemical Communications, 2010, 46, 1658.	2.2	17
146	A highly ordered nanostructured carbonâ€"sulphur cathode for lithiumâ€"sulphur batteries. Nature Materials, 2009, 8, 500-506.	13.3	5,250
147	Strategic synthesis of SBA-15 nanorods. Chemical Communications, 2008, , 4288.	2.2	38
148	Carbon/MoO2Composite Based on Porous Semi-Graphitized Nanorod Assemblies from In Situ Reaction of Tri-Block Polymers. Chemistry of Materials, 2007, 19, 374-383.	3.2	100
149	From Copper to Basic Copper Carbonate: A Reversible Conversion Cathode in Aqueous Anion Batteries. Angewandte Chemie, 0, , .	1.6	3