Yuheng Zheng

List of Publications by Year
in descending order

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13 papers	1,369 citations	687363 13 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	2221 citing authors

#	Article	IF	Citations
1	Is graphite lithiophobic or lithiophilic?. National Science Review, 2020, 7, 1208-1217.	9.5	126
2	Semiâ€Flooded Sulfur Cathode with Ultralean Absorbed Electrolyte in Liâ€“S Battery. Advanced Science, 2020, 7, 1903168.	11.2	40
3	Gassing in Sn-Anode Sodium-Ion Batteries and Its Remedy by Metallurgically Prealloying Na. ACS Applied Materials & Interfaces, 2019, 11, 23207-23212.	8.0	37
4	Roll-to-roll prelithiation of Sn foil anode suppresses gassing and enables stable full-cell cycling of lithium ion batteries. Energy and Environmental Science, 2019, 12, 2991-3000.	30.8	147
5	Full-Cell Cycling of a Self-Supporting Aluminum Foil Anode with a Phosphate Conversion Coating. ACS Applied Materials & Interfaces, 2019, 11, 15656-15661.	8.0	27
6	High-performance sodium-ion batteries with a hard carbon anode: transition from the half-cell to full-cell perspective. Nanoscale, 2019, 11, 22196-22205.	5.6	75
7	Superior electrochemical performance of sodium-ion full-cell using poplar wood derived hard carbon anode. Energy Storage Materials, 2019, 18, 269-279.	18.0	94
8	Electrode Materials of Sodium-Ion Batteries toward Practical Application. ACS Energy Letters, 2018, 3, 1604-1612.	17.4	214
9	Electrophilicity and Nucleophilicity of Boryl Radicals. Journal of Organic Chemistry, 2017, 82, 2898-2905.	3.2	53
10	Organic Thiocarboxylate Electrodes for a Roomâ€Temperature Sodiumâ€Ion Battery Delivering an Ultrahigh Capacity. Angewandte Chemie - International Edition, 2017, 56, 15334-15338.	13.8	91
11	Advanced Nanostructured Anode Materials for Sodiumâ€Ion Batteries. Small, 2017, 13, 1701835.	10.0	206
12	A high-performance sodium-ion battery enhanced by macadamia shell derived hard carbon anode. Nano Energy, 2017, 39, 489-498.	16.0	172
13	Novel Li[(CF₃SO₂)(n-C₄F₉SO₂)N]-Based Polymer Electrolytes for Solid-State Lithium Batteries with Superior Electrochemical Performance. ACS Applied Materials & Interfaces, 2016, 8, 29705-29712.	8.0	87