

Hao Zhang

List of Publications by Year in descending order

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15
papers

670
citations

840119

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1125271

13
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times ranked

1278
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Sodium/Potassium-ion Intercalation into Hierarchically Porous Thin Carbon Shells. <i>Advanced Materials</i> , 2019, 31, e1805430.	11.1	214
2	Review of Emerging Potassium-ion Sulfur Batteries. <i>Advanced Materials</i> , 2020, 32, e1908007.	11.1	91
3	Metal-organic framework derived N-doped CNT@ porous carbon for high-performance sodium- and potassium-ion storage. <i>Electrochimica Acta</i> , 2019, 319, 541-551.	2.6	63
4	Fabricating hierarchically porous and Fe ₃ C-embedded nitrogen-rich carbon nanofibers as exceptional electrocatalysts for oxygen reduction. <i>Carbon</i> , 2019, 142, 115-122.	5.4	57
5	Lithium Ion Capacitor with Identical Carbon Electrodes Yields 6 s Charging and 100,000 Cycles Stability with 1% Capacity Fade. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2867-2877.	3.2	38
6	Boosting pseudocapacitive charge storage in <i>in situ</i> functionalized carbons with a high surface area for high-energy asymmetric supercapacitors. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2314-2324.	2.5	34
7	Nitrogen and Sulfur Co-doped Mesoporous Carbon for Sodium Ion Batteries. <i>ACS Applied Nano Materials</i> , 2019, 2, 5643-5654.	2.4	33
8	Dual-doped hierarchical porous carbon derived from biomass for advanced supercapacitors and lithium ion batteries. <i>RSC Advances</i> , 2019, 9, 32382-32394.	1.7	32
9	High-energy sodium-ion capacitor assembled by hierarchical porous carbon electrodes derived from Enteromorpha. <i>Journal of Materials Science</i> , 2018, 53, 6763-6773.	1.7	31
10	T-Nb ₂ O ₅ embedded carbon nanosheets with superior reversibility and rate capability as an anode for high energy Li-ion capacitors. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1055-1065.	2.5	23
11	Nitrogen functionalized carbon nanocages optimized as high-performance anodes for sodium ion storage. <i>Electrochimica Acta</i> , 2019, 304, 192-201.	2.6	19
12	High-Performance Sodium-Ion Capacitor Constructed by Well-Matched Dual-Carbon Electrodes from a Single Biomass. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	3.2	14
13	Nitrate Salt Assisted Fabrication of Highly N-Doped Carbons for High-Performance Sodium Ion Capacitors. <i>ACS Applied Energy Materials</i> , 0, , .	2.5	9
14	Polymer salt-derived carbon-based nanomaterials for high-performance hybrid Li-ion capacitors. <i>Journal of Materials Science</i> , 2019, 54, 7811-7822.	1.7	6
15	Understanding the influence of nanocarbon conducting modes on the rate performance of LiFePO ₄ cathodes in lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164205.	2.8	6