Xiaogang Gao

List of Publications by Year
in descending order

9 papers	209 citations	1040056 9 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	185 citing authors

#	Article	IF	Citations
1	Nanopolyhedron Coâ€“C/Cores triggered carbon nanotube in-situ growth inside carbon aerogel shells for fast and long-lasting lithiumâ€“sulfur batteries. Journal of Power Sources, 2022, 520, 230913.	7.8	15
2	Rationally designed polyhedral carbon framework from solid to hollow for long cycle life secondary batteries. Journal of Materials Chemistry A, 2021, 9, 6284-6297.	10.3	14
3	SnP0.94 nanodots confined carbon aerogel with porous hollow superstructures as an exceptional polysulfide electrocatalyst and â€œadsorption nestâ€• to enable enhanced lithium-sulfur batteries. Chemical Engineering Journal, 2021, 420, 129724.	12.7	16
4	Porous Hollow Carbon Aerogel-Assembled Core@Polypyrrole Nanoparticle Shell as an Efficient Sulfur Host through a Tunable Molecular Self-Assembly Method for Rechargeable Lithium/Sulfur Batteries. ACS Sustainable Chemistry and Engineering, 2020, 8, 15822-15833.	6.7	29
5	Controlled synthesis of three-dimensional porous carbon aerogel via catalysts: effects of morphologies toward the performance of lithium-sulfur batteries. Solid State Ionics, 2020, 347, 115248.	2.7	24
6	Rational Design of Hierarchically Structured CoS₂@NCNTs from Metalâ€“Organic Frameworks for Efficient Lithium/Sodium Storage Performance. ACS Applied Energy Materials, 2020, 3, 6205-6214.	5.1	43
7	Highâ€performance N, Pâ€CNL nanocomposites as catalyst for oxygen reduction reaction in fuel cell. International Journal of Energy Research, 2020, 44, 4851-4860.	4.5	10
8	Constructing a Multifunctional Globular Polypyrrole Slurry Cladding Carbon Aerogel/Sulfur Cathode for High-Performance Lithiumâ€“Sulfur Batteries. Energy & Fuels, 2020, 34, 3931-3940.	5.1	34
9	Sulfur double encapsulated in a porous hollow carbon aerogel with interconnected micropores for advanced lithium-sulfur batteries. Journal of Alloys and Compounds, 2020, 834, 155190.	5.5	24