

Xiaogang Gao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rational Design of Hierarchically Structured CoS ₂ @NCNTs from Metal-Organic Frameworks for Efficient Lithium/Sodium Storage Performance. ACS Applied Energy Materials, 2020, 3, 6205-6214.	5.1	43
2	Constructing a Multifunctional Globular Polypyrrole Slurry Cladding Carbon Aerogel/Sulfur Cathode for High-Performance Lithium-Sulfur Batteries. Energy & Fuels, 2020, 34, 3931-3940.	5.1	34
3	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
4	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
5	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
6	SnPO ₉₄ nanodots confined carbon aerogel with porous hollow superstructures as an exceptional polysulfide electrocatalyst and adsorption nest to enable enhanced lithium-sulfur batteries. Chemical Engineering Journal, 2021, 420, 129724.	12.7	16
7	Nanopolyhedron Co-C/Cores triggered carbon nanotube in-situ growth inside carbon aerogel shells for fast and long-lasting lithium-sulfur batteries. Journal of Power Sources, 2022, 520, 230913.	7.8	15
8	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
9	High-performance N, P-CNL nanocomposites as catalyst for oxygen reduction reaction in fuel cell. International Journal of Energy Research, 2020, 44, 4851-4860.	4.5	10