

Seong-Jun Kim

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Role and Potential of Metal Sulfide Catalysts in Lithium-Sulfur Battery Applications. ChemCatChem, 2019, 11, 2373-2387.	1.8	54
2	Atomic Structure Modification of Fe-N-C Catalysts via Morphology Engineering of Graphene for Enhanced Conversion Kinetics of Lithium-Sulfur Batteries. Advanced Functional Materials, 2022, 32, .	7.8	45
3	Effect of PEDOT:PSS Coating on Manganese Oxide Nanowires for Lithium Ion Battery Anodes. Electrochimica Acta, 2016, 187, 340-347.	2.6	39
4	Short-Chain Polyselenosulfide Copolymers as Cathode Materials for Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2019, 11, 45785-45795.	4.0	36
5	Excellent isoprene-sensing performance of In ₂ O ₃ nanoparticles for breath analyzer applications. Sensors and Actuators B: Chemical, 2021, 327, 128892.	4.0	27
6	Design considerations for lithium-sulfur batteries: mass transport of lithium polysulfides. Nanoscale, 2020, 12, 15466-15472.	2.8	14
7	Enhancing the Performance of Lithium-Sulfur Batteries through Electrochemical Impregnation of Sulfur in Hierarchical Mesoporous Carbon Nanoparticles. ChemElectroChem, 2020, 7, 3653-3655.	1.7	10
8	Understandings about functionalized porous carbon via scanning transmission x-ray microscopy (STXM) for high sulfur utilization in lithium-sulfur batteries. Nano Energy, 2022, 100, 107446.	8.2	7
9	Sensitive Detection of Methane By Indium Oxide Nanoparticles for Environmental Monitoring System. ECS Meeting Abstracts, 2020, MA2020-01, 2085-2085.	0.0	0
10	Improved Performance of Acetone Gas Sensing through Oxygen Vacancy Formation of ZnO Nanoparticles. ECS Meeting Abstracts, 2020, MA2020-01, 2118-2118.	0.0	0