

Seong-Jun Kim

List of Publications by Year in descending order

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