

Donglin He

List of Publications by Year in descending order

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12
papers

791
citations

840776

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1281871

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1277
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#	ARTICLE	IF	CITATIONS
1	Metallic Octahedral CoSe ₂ Threaded by N-Doped Carbon Nanotubes: A Flexible Framework for High-Performance Potassium-Ion Batteries. <i>Advanced Science</i> , 2018, 5, 1800782.	11.2	198
2	High-throughput fabrication of 3D N-doped graphenic framework coupled with Fe ₃ C@porous graphite carbon for ultrastable potassium ion storage. <i>Energy Storage Materials</i> , 2019, 22, 185-193.	18.0	91
3	Bifunctional biomass-derived 3D nitrogen-doped porous carbon for oxygen reduction reaction and solid-state supercapacitor. <i>Applied Surface Science</i> , 2019, 465, 303-312.	6.1	89
4	Bifunctional biomass-derived N, S dual-doped ladder-like porous carbon for supercapacitor and oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , 2019, 773, 11-20.	5.5	80
5	Chemically bubbled hollow Fe _x O nanospheres anchored on 3D N-doped few-layer graphene architecture as a performance-enhanced anode material for potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 744-754.	10.3	74
6	The multi-yolk/shell structure of FeP@foam-like graphenic scaffolds: strong P-C bonds and electrolyte- and binder-optimization boost potassium storage. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15673-15682.	10.3	69
7	A synergetic strategy for an advanced electrode with Fe ₃ O ₄ embedded in a 3D N-doped porous graphene framework and a strong adhesive binder for lithium/potassium ion batteries with an ultralong cycle lifespan. <i>Journal of Materials Chemistry A</i> , 2019, 7, 19430-19441.	10.3	64
8	Tuning Metallic Co _{0.85} Se Quantum Dots/Carbon Hollow Polyhedrons with Tertiary Hierarchical Structure for High-Performance Potassium Ion Batteries. <i>Nano-Micro Letters</i> , 2019, 11, 96.	27.0	51
9	Collaborative Design of Hollow Nanocubes, In Situ Cross-Linked Binder, and Amorphous Void@SiO _x @C as a Three-Pronged Strategy for Ultrastable Lithium Storage. <i>Small</i> , 2020, 16, e1905736.	10.0	43
10	Achieving Fast and Stable Lithium/Potassium Storage by In Situ Decorating FeSe ₂ Nanodots into Three-Dimensional Hierarchical Porous Carbon Networks. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12185-12194.	3.1	19
11	Ultrafast synthesis of amorphous VO _x embedded into 3D strutted amorphous carbon frameworks—short-range order in dual-amorphous composites boosts lithium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 7053-7061.	10.3	13
12	A N-doped porous carbon framework with Ag-nanoparticles toward stable lithium metal anodes. <i>Sustainable Energy and Fuels</i> , 2021, 5, 5638-5644.	4.9	0