

Jian Lu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Construction of Carbon-Coated Cobalt Sulfide Hybrid Networks Interconnected by Carbon Nanotubes for Performance-Enhanced Potassium-Ion Storage. Chinese Journal of Chemistry, 2022, 40, 1313-1320.	4.9	3
2	Structural engineering of sulfur-doped carbon encapsulated bismuth sulfide core-shell structure for enhanced potassium storage performance. Nano Research, 2021, 14, 3545-3551.	10.4	16
3	Boosting Hydrazine Oxidation Reaction on CoP/Co Mott-Schottky Electrocatalyst through Engineering Active Sites. Journal of Physical Chemistry Letters, 2021, 12, 4849-4856.	4.6	27
4	Cage-Confinement Pyrolysis Strategy to Synthesize Hollow Carbon Nanocage-Coated Copper Phosphide for Stable and High-Capacity Potassium-Ion Storage. ACS Applied Materials & Interfaces, 2021, 13, 52697-52705.	8.0	10
5	One-Step Construction of V ₅ S ₈ Nanoparticles Embedded in Amorphous Carbon Nanorods for High-Capacity and Long-Life Potassium Ion Half/Full Batteries. ACS Applied Materials & Interfaces, 2021, 13, 54308-54314.	8.0	12
6	Energetic Metal-Organic Frameworks Derived Highly Nitrogen-Doped Porous Carbon for Superior Potassium Storage. Small, 2020, 16, e2002771.	10.0	47
7	A robust spring-like lamellar VO/C nanostructure for high-rate and long-life potassium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 23939-23946.	10.3	15
8	Dual Graphitic-N Doping in a Six-Membered C-Ring of Graphene-Analogous Particles Enables an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. Angewandte Chemie - International Edition, 2019, 58, 16973-16980.	13.8	54
9	Dual Graphitic-N Doping in a Six-Membered C-Ring of Graphene-Analogous Particles Enables an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. Angewandte Chemie, 2019, 131, 17129-17136.	2.0	7
10	Oxygen/Fluorine Dual-Doped Porous Carbon Nanopolyhedra Enabled Ultrafast and Highly Stable Potassium Storage. Advanced Functional Materials, 2019, 29, 1906126.	14.9	123
11	O species-decorated graphene shell encapsulating iridium-nickel alloy as an efficient electrocatalyst towards hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 15079-15088.	10.3	36
12	Nitrogen/oxygen co-doped mesoporous carbon octahedrons for high-performance potassium-ion batteries. Journal of Materials Chemistry A, 2019, 7, 12317-12324.	10.3	110
13	Metallic 1T phase MoS ₂ nanosheets decorated hollow cobalt sulfide polyhedra for high-performance lithium storage. Journal of Materials Chemistry A, 2018, 6, 12613-12622.	10.3	46