

Xiaomin Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	MnS nanoparticles embedded in N,S co-doped carbon nanosheets for superior lithium ion storage. Applied Surface Science, 2020, 508, 145239.	6.1	26
2	MOF-derived hollow Co ₄ S ₃ /C nanosheet arrays grown on carbon cloth as the anode for high-performance Li-ion batteries. Dalton Transactions, 2020, 49, 14115-14122.	3.3	18
3	A spongy mesoporous titanium nitride material as sulfur host for high performance lithium-sulfur batteries. Journal of Alloys and Compounds, 2020, 823, 153879.	5.5	18
4	Titanium-based nanorods/ketjen black modified separator as polysulfides barrier for lithium sulfur cell. Journal of Alloys and Compounds, 2020, 842, 155830.	5.5	13
5	Template-directed Prussian blue nanocubes supported on Ni foam as the binder-free anode of lithium-ion batteries. Applied Surface Science, 2022, 571, 151194.	6.1	13
6	The free-standing cathode fabricated with nano-CoSe ₂ embedded in mesoporous carbon nanosheets towards high performance Li/SeS ₂ batteries. Chemical Engineering Journal, 2021, 418, 129475.	12.7	11
7	Ketjen Black@titanium dioxide coated glass fiber separator for high performance Li/S cells using bare sulfur cathode. Journal of Materials Science: Materials in Electronics, 2019, 30, 7054-7064.	2.2	7
8	Freestanding Fe _{0.4} Co _{8.6} S ₈ Nanotube/Nanosheet Arrays on Carbon Cloth as a Host for High-Performance Li/SeS ₂ Batteries. ACS Applied Energy Materials, 2021, 4, 2496-2505.	5.1	7
9	Synthesis of nanosphere-like LiCoPO ₄ with excellent electrochemical performance via micro reactor assisted co-precipitation method. Functional Materials Letters, 2018, 11, 1850037.	1.2	5
10	An intermediate temperature sodium copper chloride battery using ionic liquid electrolyte and its degradation mechanism. Ionics, 2019, 25, 4189-4196.	2.4	5
11	Simulation of electrochemical-thermal behavior for a 26650 lithium iron phosphate/graphite cell. Ionics, 2019, 25, 3715-3726.	2.4	4
12	A high performance Li/S cell cathode with hierarchical architecture composed of ketjenblack@mesoporous carbon/sulfur hybrid. Ionics, 2020, 26, 1119-1127.	2.4	3
13	Hierarchical cathode from hollow CoP embedded in graphene nanosheets to synergistically confine SeS ₂ for advanced Li/SeS ₂ batteries. Journal of Alloys and Compounds, 2021, 867, 159089.	5.5	3
14	Low-Melting-Point Ionic Liquid Electrolyte for an Intermediate-Temperature Sodium@Copper Chloride Battery. Energy & Fuels, 2021, 35, 12538-12545.	5.1	3
15	High Performance of Sulfur/Carbon Cathode Synthesized via a Facile Green Microwave Approach. Energy & Fuels, 2021, 35, 2750-2757.	5.1	1
16	Effects of limestone powder on the early hydration of tricalcium aluminate. Journal of Thermal Analysis and Calorimetry, 0, , 1.	3.6	1