

Nauman Mubarak

List of Publications by Year in descending order

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16
papers

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759233

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16
times ranked

533
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-phase MoS ₂ as a high-performance sodium-ion battery anode. Journal of Materials Chemistry A, 2020, 8, 2114-2122.	10.3	160
2	NaF-rich solid electrolyte interphase for dendrite-free sodium metal batteries. Energy Storage Materials, 2022, 44, 477-486.	18.0	73
3	Metal-organic framework-induced mesoporous carbon nanofibers as an ultrastable Na metal anode host. Journal of Materials Chemistry A, 2020, 8, 10269-10282.	10.3	47
4	Highly Sodiophilic, Defect-Rich, Lignin-Derived Skeletal Carbon Nanofiber Host for Sodium Metal Batteries. Advanced Energy Materials, 2022, 12, .	19.5	47
5	Sodiophilically Graded Gold Coating on Carbon Skeletons for Highly Stable Sodium Metal Anodes. Small, 2020, 16, e2003815.	10.0	37
6	Morphology, chemistry, performance trident: Insights from hollow, mesoporous carbon nanofibers for dendrite-free sodium metal batteries. Nano Energy, 2021, 86, 106132.	16.0	34
7	Metal-organic framework-derived carbon as a positive electrode for high-performance vanadium redox flow batteries. Journal of Materials Chemistry A, 2021, 9, 5648-5656.	10.3	30
8	MoSe ₂ nanosheets embedded in nitrogen/phosphorus co-doped carbon/graphene composite anodes for ultrafast sodium storage. Journal of Power Sources, 2020, 476, 228660.	7.8	28
9	Affinity-engineered carbon nanofibers as a scaffold for Na metal anodes. Journal of Materials Chemistry A, 2020, 8, 14757-14768.	10.3	22
10	Unveiling solid electrolyte interface morphology and electrochemical kinetics of amorphous Sb ₂ Se ₃ /CNT composite anodes for ultrafast sodium storage. Carbon, 2021, 171, 119-129.	10.3	21
11	Rational Exploration of Conversion-Alloying Reaction Based Anodes for High-Performance K-Ion Batteries. , 2021, 3, 406-413.		21
12	Accelerating the dissolution kinetics of iodine with a cosolvent for a high-current zinc-iodine flow battery. Journal of Materials Chemistry A, 2022, 10, 14090-14097.	10.3	18
13	Highly porous carbon nanofiber electrodes for vanadium redox flow batteries. Nanoscale, 2022, 14, 5804-5813.	5.6	16
14	Deciphering the exceptional kinetics of hierarchical nitrogen-doped carbon electrodes for high-performance vanadium redox flow batteries. Journal of Materials Chemistry A, 2022, 10, 5605-5613.	10.3	14
15	Revealing Cathode-Electrolyte Interface on Flower-Shaped Na ₃ V ₂ (PO ₄) ₃ /C Cathode through Cryogenic Electron Microscopy. Advanced Energy and Sustainability Research, 2021, 2, 2100072.	5.8	8
16	Sodium Batteries: Sodiophilically Graded Gold Coating on Carbon Skeletons for Highly Stable Sodium Metal Anodes (Small 40/2020). Small, 2020, 16, 2070223.	10.0	1