

Ihsan-Ul-Haq, Muhammad

List of Publications by Year in descending order

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24
papers

1,163
citations

430874

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642732

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24
all docs

24
docs citations

24
times ranked

1509
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	Hierarchical MoS ₂ /Carbon microspheres as long-life and high-rate anodes for sodium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 5668-5677.	10.3	128
3	Correlation between Li Plating Behavior and Surface Characteristics of Carbon Matrix toward Stable Li Metal Anodes. Advanced Energy Materials, 2019, 9, 1802777.	19.5	109
4	Novel 2D Sb ₂ S ₃ Nanosheet/CNT Coupling Layer for Exceptional Polysulfide Recycling Performance. Advanced Energy Materials, 2018, 8, 1800710.	19.5	93
5	Rationally designed nanostructured metal chalcogenides for advanced sodium-ion batteries. Energy Storage Materials, 2021, 34, 582-628.	18.0	73
6	NaF-rich solid electrolyte interphase for dendrite-free sodium metal batteries. Energy Storage Materials, 2022, 44, 477-486.	18.0	73
7	Ultrathin Sb ₂ S ₃ nanosheet anodes for exceptional pseudocapacitive contribution to multi-battery charge storage. Energy Storage Materials, 2019, 20, 36-45.	18.0	51
8	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
9	Highly Sodiophilic, Defect-Rich, Lignin-Derived Skeletal Carbon Nanofiber Host for Sodium Metal Batteries. Advanced Energy Materials, 2022, 12, .	19.5	47
10	Chemical interactions between red P and functional groups in NiP ₃ /CNT composite anodes for enhanced sodium storage. Journal of Materials Chemistry A, 2018, 6, 20184-20194.	10.3	44
11	Understanding solid electrolyte interphases: Advanced characterization techniques and theoretical simulations. Nano Energy, 2021, 89, 106489.	16.0	43
12	Nitrogen-doped graphene fiber webs for multi-battery energy storage. Nanoscale, 2019, 11, 6334-6342.	5.6	38
13	Thin solid electrolyte interface on chemically bonded Sb ₂ Te ₃ /CNT composite anodes for high performance sodium ion full cells. Nano Energy, 2020, 71, 104613.	16.0	38
14	Sodiophilically Graded Gold Coating on Carbon Skeletons for Highly Stable Sodium Metal Anodes. Small, 2020, 16, e2003815.	10.0	37
15	Morphology, chemistry, performance trident: Insights from hollow, mesoporous carbon nanofibers for dendrite-free sodium metal batteries. Nano Energy, 2021, 86, 106132.	16.0	34
16	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
17	Affinity-engineered carbon nanofibers as a scaffold for Na metal anodes. Journal of Materials Chemistry A, 2020, 8, 14757-14768.	10.3	22
18	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

#	ARTICLE	IF	CITATIONS
19	Rational Exploration of Conversion-Alloying Reaction Based Anodes for High-Performance K-Ion Batteries. , 2021, 3, 406-413.		21
20	Ultrafast Li ⁺ Diffusion Kinetics of 2D Oxidized Phosphorus for Quasi-Solid-State Bendable Batteries with Exceptional Energy Densities. Chemistry of Materials, 2019, 31, 4113-4123.	6.7	17
21	Highly porous carbon nanofiber electrodes for vanadium redox flow batteries. Nanoscale, 2022, 14, 5804-5813.	5.6	16
22	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
23	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
24	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