

# Ihsan-Ul-Haq, Muhammad

## List of Publications by Year in descending order

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24  
papers

1,163  
citations

430874

18  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1509  
citing authors

#	ARTICLE	IF	CITATIONS
1	NaF-rich solid electrolyte interphase for dendrite-free sodium metal batteries. <i>Energy Storage Materials</i> , 2022, 44, 477-486.	18.0	73
2	Deciphering the exceptional kinetics of hierarchical nitrogen-doped carbon electrodes for high-performance vanadium redox flow batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 5605-5613.	10.3	14
3	Highly Sodiophilic, Defect-Rich, Lignin-Derived Skeletal Carbon Nanofiber Host for Sodium Metal Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	47
4	Highly porous carbon nanofiber electrodes for vanadium redox flow batteries. <i>Nanoscale</i> , 2022, 14, 5804-5813.	5.6	16
5	Rationally designed nanostructured metal chalcogenides for advanced sodium-ion batteries. <i>Energy Storage Materials</i> , 2021, 34, 582-628.	18.0	73
6	Unveiling solid electrolyte interface morphology and electrochemical kinetics of amorphous Sb <sub>2</sub> Se <sub>3</sub> /CNT composite anodes for ultrafast sodium storage. <i>Carbon</i> , 2021, 171, 119-129.	10.3	21
7	Rational Exploration of Conversion-Alloying Reaction Based Anodes for High-Performance K-Ion Batteries. , 2021, 3, 406-413.		21
8	Revealing Cathode-Electrolyte Interface on Flower-Shaped Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /C Cathode through Cryogenic Electron Microscopy. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100072.	5.8	8
9	Morphology, chemistry, performance trident: Insights from hollow, mesoporous carbon nanofibers for dendrite-free sodium metal batteries. <i>Nano Energy</i> , 2021, 86, 106132.	16.0	34
10	Understanding solid electrolyte interphases: Advanced characterization techniques and theoretical simulations. <i>Nano Energy</i> , 2021, 89, 106489.	16.0	43
11	Dual-phase MoS <sub>2</sub> as a high-performance sodium-ion battery anode. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2114-2122.	10.3	160
12	MoSe <sub>2</sub> nanosheets embedded in nitrogen/phosphorus co-doped carbon/graphene composite anodes for ultrafast sodium storage. <i>Journal of Power Sources</i> , 2020, 476, 228660.	7.8	28
13	Sodiophilically Graded Gold Coating on Carbon Skeletons for Highly Stable Sodium Metal Anodes. <i>Small</i> , 2020, 16, e2003815.	10.0	37
14	Sodium Batteries: Sodiophilically Graded Gold Coating on Carbon Skeletons for Highly Stable Sodium Metal Anodes (Small 40/2020). <i>Small</i> , 2020, 16, 2070223.	10.0	1
15	Affinity-engineered carbon nanofibers as a scaffold for Na metal anodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 14757-14768.	10.3	22
16	Thin solid electrolyte interface on chemically bonded Sb <sub>2</sub> Te <sub>3</sub> /CNT composite anodes for high performance sodium ion full cells. <i>Nano Energy</i> , 2020, 71, 104613.	16.0	38
17	Metal-organic framework-induced mesoporous carbon nanofibers as an ultrastable Na metal anode host. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10269-10282.	10.3	47
18	Ultrafast Li <sup>+</sup> Diffusion Kinetics of 2D Oxidized Phosphorus for Quasi-Solid-State Bendable Batteries with Exceptional Energy Densities. <i>Chemistry of Materials</i> , 2019, 31, 4113-4123.	6.7	17

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19	Nitrogen-doped graphene fiber webs for multi-battery energy storage. <i>Nanoscale</i> , 2019, 11, 6334-6342.	5.6	38
20	Correlation between Li Plating Behavior and Surface Characteristics of Carbon Matrix toward Stable Li Metal Anodes. <i>Advanced Energy Materials</i> , 2019, 9, 1802777.	19.5	109
21	Ultrathin Sb <sub>2</sub> S <sub>3</sub> nanosheet anodes for exceptional pseudocapacitive contribution to multi-battery charge storage. <i>Energy Storage Materials</i> , 2019, 20, 36-45.	18.0	51
22	Hierarchical MoS <sub>2</sub> /Carbon microspheres as long-life and high-rate anodes for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5668-5677.	10.3	128
23	Chemical interactions between red P and functional groups in NiP <sub>3</sub> /CNT composite anodes for enhanced sodium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 20184-20194.	10.3	44
24	Novel 2D Sb <sub>2</sub> S <sub>3</sub> Nanosheet/CNT Coupling Layer for Exceptional Polysulfide Recycling Performance. <i>Advanced Energy Materials</i> , 2018, 8, 1800710.	19.5	93