Ahmad Naveed

List of Publications by Year
in descending order

22 papers	1,712 citations	471509 17 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	1736 citing authors

#	Article	IF	Citations
1	Addressing thermodynamic Instability of Zn anode: classical and recent advancements. Energy Storage Materials, 2022, 44, 206-230.	18.0	88
2	Rechargeable hybrid organic Zn battery (ReHOZnB) with non-flammable electrolyte. Journal of Electroanalytical Chemistry, 2022, 904, 115949.	3.8	19
3	Zn anode sustaining high rate and high loading in organic electrolyte for rechargeable batteries. Energy Storage Materials, 2022, 46, 523-534.	18.0	25
4	Revisiting recent and traditional strategies for surface protection of Zn metal anode. Journal of Power Sources, 2022, 525, 231122.	7.8	41
5	Sulfurized Polyacrylonitrile Cathode Derived from Intermolecular Cross-Linked Polyacrylonitrile for a Rechargeable Lithium Battery. ACS Applied Energy Materials, 2021, 4, 5706-5712.	5.1	11
6	Bio-mass derived ultrahigh-energy storage porous graphitic carbon for advanced anode material in lithium battery. Materials Chemistry and Physics, 2020, 242, 122543.	4.0	12
7	High Molecular Weight Polyacrylonitrile Precursor for S@pPAN Composite Cathode Materials with High Specific Capacity for Rechargeable Lithium Batteries. ACS Applied Materials & Interfaces, 2020, 12, 33702-33709.	8.0	34
8	Designing an intrinsically safe organic electrolyte for rechargeable batteries. Energy Storage Materials, 2020, 31, 382-400.	18.0	74
9	Towards practical Liâ€“S battery with dense and flexible electrode containing lean electrolyte. Energy Storage Materials, 2020, 27, 307-315.	18.0	80
10	An Intrinsic Flameâ€Retardant Organic Electrolyte for Safe Lithiumâ€Sulfur Batteries. Angewandte Chemie, 2019, 131, 801-805.	2.0	23
11	A Review on Inorganic Nanoparticles Modified Composite Membranes for Lithium-Ion Batteries: Recent Progress and Prospects. Membranes, 2019, 9, 78.	3.0	50
12	A Highly Reversible Zn Anode with Intrinsically Safe Organic Electrolyte for Longâ€Cycleâ€Life Batteries. Advanced Materials, 2019, 31, e1900668.	21.0	259
13	Self-sacrificing template based hollow carbon spheres/molybdenum dioxide nanocomposite for high-performance Lithium-ion batteries. Materials Today Communications, 2019, 21, 100694.	1.9	10
14	Highly Reversible and Rechargeable Safe Zn Batteries Based on a Triethyl Phosphate Electrolyte. Angewandte Chemie - International Edition, 2019, 58, 2760-2764.	13.8	369
15	An Intrinsic Flameâ€Retardant Organic Electrolyte for Safe Lithiumâ€Sulfur Batteries. Angewandte Chemie - International Edition, 2019, 58, 791-795.	13.8	152
16	Highly Reversible and Rechargeable Safe Zn Batteries Based on a Triethyl Phosphate Electrolyte. Angewandte Chemie, 2019, 131, 2786-2790.	2.0	54
17	Safer lithiumâ€“sulfur battery based on nonflammable electrolyte with sulfur composite cathode. Chemical Communications, 2018, 54, 4132-4135.	4.1	68
18	Recent progress and perspective on lithium metal anode protection. Energy Storage Materials, 2018, 14, 199-221.	18.0	195

#	Article	IF	Citations
19	Duplex component additive of tris(trimethylsilyl) phosphite-vinylene carbonate for lithium sulfur batteries. Energy Storage Materials, 2018, 14, 75-81.	18.0	33
20	Lithium sulfur batteries with compatible electrolyte both for stable cathode and dendrite-free anode. Energy Storage Materials, 2018, 15, 299-307.	18.0	92
21	High performance nano-sized LiMn_{1â^'x}Fe_xPO₄cathode materials for advanced lithium-ion batteries. RSC Advances, 2017, 7, 43708-43715.	3.6	7
22	High Yield Synthesis, Detailed Spectroscopic Characterization and Electrochemical Fate of Novel Cationic Surfactants. Journal of Surfactants and Detergents, 2014, 17, 243-251.	2.1	16