Yi Cai

List of Publications by Year
in descending order

10	645	1170033 9	1526636 10
papers	citations	h-index	g-index

10	10	10	793
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Designing Advanced Aqueous Zincâ€Ion Batteries: Principles, Strategies, and Perspectives. Energy and Environmental Materials, 2022, 5, 823-851.	7.3	69
2	Anode Materials for Rechargeable Aqueous Alâ€Ion Batteries: Progress and Prospects. ChemNanoMat, 2022, 8, .	1.5	4
3	Chelating Ligands as Electrolyte Solvent for Rechargeable Zinc-Ion Batteries. Chemistry of Materials, 2021, 33, 1330-1340.	3.2	37
4	Anion Texturing Towards Dendriteâ€Free Zn Anode for Aqueous Rechargeable Batteries. Angewandte Chemie, 2021, 133, 7289-7295.	1.6	59
5	Anion Texturing Towards Dendriteâ€Free Zn Anode for Aqueous Rechargeable Batteries. Angewandte Chemie - International Edition, 2021, 60, 7213-7219.	7.2	209
6	Boosting Zn-Ion Storage Performance of Bronze-Type VO₂ via Ni-Mediated Electronic Structure Engineering. ACS Applied Materials & Interfaces, 2020, 12, 36110-36118.	4.0	70
7	Bronze-type vanadium dioxide holey nanobelts as high performing cathode material for aqueous aluminium-ion batteries. Journal of Materials Chemistry A, 2020, 8, 12716-12722.	5.2	50
8	Hydrogen-Bonding Interactions in Hybrid Aqueous/Nonaqueous Electrolytes Enable Low-Cost and Long-Lifespan Sodium-Ion Storage. ACS Applied Materials & Interfaces, 2020, 12, 22862-22872.	4.0	32
9	1.3â€V superwide potential window sponsored by Na-Mn-O plates as cathodes towards aqueous rechargeable sodium-ion batteries. Chemical Engineering Journal, 2019, 370, 742-748.	6.6	32
10	Ultrafine Molybdenum Carbide Nanocrystals Confined in Carbon Foams via a Colloidâ€Confinement Route for Efficient Hydrogen Production. Small Methods, 2018, 2, 1700396.	4.6	83