

Zhenlu Yu

List of Publications by Year in descending order

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9
papers

806
citations

1040056
9
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated surface coating strategy to enhance the electrochemical performance of nickel-rich layered cathodes. Nano Energy, 2022, 91, 106665.	16.0	143
2	Design and tailoring of carbon-Al ₂ O ₃ double coated nickel-based cation-disordered cathodes towards high-performance Li-ion batteries. Nano Energy, 2022, 96, 107071.	16.0	26
3	Carbon-coated cation-disordered rocksalt-type transition metal oxide composites for high energy Li-ion batteries. Ceramics International, 2021, 47, 1758-1765.	4.8	50
4	High-rate capability of carbon-coated micron-sized hexagonal TT-Nb ₂ O ₅ composites for lithium-ion battery. Ceramics International, 2021, 47, 15400-15407.	4.8	21
5	Improving the Structure Stability of LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ by Double Modification of Tantalum Surface Coating and Doping. ACS Applied Energy Materials, 2021, 4, 8641-8652.	5.1	52
6	Recent progress of surface coating on cathode materials for high-performance lithium-ion batteries. Journal of Energy Chemistry, 2020, 43, 220-235.	12.9	272
7	Synthesis and Mechanism of High Structural Stability of Nickel-Rich Cathode Materials by Adjusting Li-Excess. ACS Applied Materials & Interfaces, 2020, 12, 40393-40403.	8.0	93
8	Enhanced Electrochemical Performance of Ni-Rich Cathode Materials with Li _{1.3} Al _{0.3} Ti _{1.7} (PO ₄) ₃ Coating. ACS Sustainable Chemistry and Engineering, 2020, 8, 5819-5830.	6.7	118
9	Synthesis and Redox Mechanism of Cation-Disordered, Rock-Salt Cathode-Material Li ⁺ Ni ²⁺ Ti ⁴⁺ Nb ⁵⁺ O Compounds for a Li-Ion Battery. ACS Applied Materials & Interfaces, 2019, 11, 35777-35787.	8.0	31