

Zhenlu Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8715065/publications.pdf>

Version: 2024-02-01

9
papers

806
citations

1039880
9
h-index

1474057
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. <i>Nano Energy</i> , 2022, 91, 106665.	8.2	143
2	Design and tailoring of carbon-Al ₂ O ₃ double coated nickel-based cation-disordered cathodes towards high-performance Li-ion batteries. <i>Nano Energy</i> , 2022, 96, 107071.	8.2	26
3	Carbon-coated cation-disordered rocksalt-type transition metal oxide composites for high energy Li-ion batteries. <i>Ceramics International</i> , 2021, 47, 1758-1765.	2.3	50
4	High-rate capability of carbon-coated micron-sized hexagonal TT-Nb ₂ O ₅ composites for lithium-ion battery. <i>Ceramics International</i> , 2021, 47, 15400-15407.	2.3	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. <i>ACS Applied Energy Materials</i> , 2021, 4, 8641-8652.	2.5	52
6	Recent progress of surface coating on cathode materials for high-performance lithium-ion batteries. <i>Journal of Energy Chemistry</i> , 2020, 43, 220-235.	7.1	272
7	Synthesis and Mechanism of High Structural Stability of Nickel-Rich Cathode Materials by Adjusting Li-Excess. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40393-40403.	4.0	93
8	Enhanced Electrochemical Performance of Ni-Rich Cathode Materials with Li _{1.3} Al _{0.3} Ti _{1.7} (PO ₄) ₃ Coating. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5819-5830.	3.2	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. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 35777-35787.	4.0	31