

Yu-Ming Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6815705/publications.pdf>

Version: 2024-02-01

21
papers

2,174
citations

361413

20
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

3598
citing authors

#	ARTICLE	IF	CITATIONS
1	Hollow Carbon-Nanotube/Carbon-Nanofiber Hybrid Anodes for Li-Ion Batteries. Journal of the American Chemical Society, 2013, 135, 16280-16283.	13.7	426
2	Double-shelled NiO@NiCo ₂ O ₄ Heterostructure@Carbon Hollow Nanocages as an Efficient Sulfur Host for Advanced Lithium-Sulfur Batteries. Advanced Energy Materials, 2018, 8, 1800709.	19.5	236
3	Electrospun carbon-based nanostructured electrodes for advanced energy storage – A review. Energy Storage Materials, 2016, 5, 58-92.	18.0	178
4	Electrospinning-Based Strategies for Battery Materials. Advanced Energy Materials, 2021, 11, 2000845.	19.5	169
5	A nitrogen doped carbonized metal-organic framework for high stability room temperature sodium-sulfur batteries. Journal of Materials Chemistry A, 2016, 4, 12471-12478.	10.3	153
6	Hollow Nanotubes of N-Doped Carbon on CoS. Angewandte Chemie - International Edition, 2016, 55, 15831-15834.	13.8	130
7	Design and Construction of Sodium Polysulfides Defense System for Room-Temperature Na-S Battery. Advanced Science, 2019, 6, 1901557.	11.2	106
8	A highly efficient double-hierarchical sulfur host for advanced lithium-sulfur batteries. Chemical Science, 2018, 9, 666-675.	7.4	97
9	Double-oxide sulfur host for advanced lithium-sulfur batteries. Nano Energy, 2017, 38, 12-18.	16.0	93
10	Uniform Ni(OH) ₂ hollow spheres constructed from ultrathin nanosheets as efficient polysulfide mediator for long-term lithium-sulfur batteries. Energy Storage Materials, 2017, 8, 202-208.	18.0	93
11	Chinese knot-like electrode design for advanced Li-S batteries. Nano Energy, 2018, 53, 354-361.	16.0	72
12	Fabrication of Bio-Inspired 2D MOFs/PAA Hybrid Membrane for Asymmetric Ion Transport. Advanced Functional Materials, 2020, 30, 1908804.	14.9	72
13	A railway-like network electrode design for room temperature Na-S battery. Journal of Materials Chemistry A, 2019, 7, 150-156.	10.3	60
14	Engineering the nanostructure of molybdenum nitride nanodot embedded N-doped porous hollow carbon nanochains for rapid all pH hydrogen evolution. Journal of Materials Chemistry A, 2018, 6, 14734-14741.	10.3	56
15	A Catalytic Etching-Wetting-Dewetting Mechanism in the Formation of Hollow Graphitic Carbon Fiber. Chem, 2017, 2, 299-310.	11.7	44
16	Muscle-like electrode design for Li-Te batteries. Energy Storage Materials, 2018, 10, 10-15.	18.0	40
17	Double-walled N-doped carbon@NiCo ₂ S ₄ hollow capsules as SeS ₂ hosts for advanced Li-SeS ₂ batteries. Journal of Materials Chemistry A, 2019, 7, 12276-12282.	10.3	40
18	Efficient Catalytic Conversion of Polysulfides by Biomimetic Design of a Branch-Leaf Electrode for High-Energy Sodium-Sulfur Batteries. Nano-Micro Letters, 2021, 13, 50.	27.0	39

#	ARTICLE	IF	CITATIONS
19	Jackfruit-like electrode design for advanced Na-Se batteries. <i>Journal of Power Sources</i> , 2019, 443, 227245.	7.8	32
20	Ultrasensitive and Label-Free Detection of Cell Surface Glycan Using Nanochannel-Ionchannel Hybrid Coupled with Electrochemical Detector. <i>Analytical Chemistry</i> , 2020, 92, 5509-5516.	6.5	25
21	<i>In situ</i> synthesis of a MOFs/PAA hybrid with ultrahigh ionic current rectification. <i>Nanoscale</i> , 2020, 12, 11899-11907.	5.6	13