

Fei Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,073
citations

411340

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651938

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times ranked

6288
citing authors

#	ARTICLE	IF	CITATIONS
1	Lithium Fluoride in Electrolyte for Stable and Safe Lithium-Metal Batteries. <i>Advanced Materials</i> , 2021, 33, e2102134.	11.1	91
2	Lithium Fluoride in Electrolyte for Stable and Safe Lithium-Metal Batteries (<i>Adv. Mater.</i> 42/2021). <i>Advanced Materials</i> , 2021, 33, 2170331.	11.1	4
3	Solubility-Dependent Protective Effects of Binary Alloys for Lithium Anode. <i>ACS Applied Energy Materials</i> , 2020, 3, 2278-2284.	2.5	16
4	Metal chloride perovskite thin film based interfacial layer for shielding lithium metal from liquid electrolyte. <i>Nature Communications</i> , 2020, 11, 1761.	5.8	68
5	A Nacre-Inspired Separator Coating for Impact-Tolerant Lithium Batteries. <i>Advanced Materials</i> , 2019, 31, e1905711.	11.1	71
6	Diatomite derived hierarchical hybrid anode for high performance all-solid-state lithium metal batteries. <i>Nature Communications</i> , 2019, 10, 2482.	5.8	96
7	Chemically exfoliated boron nitride nanosheets form robust interfacial layers for stable solid-state Li metal batteries. <i>Chemical Communications</i> , 2019, 55, 7703-7706.	2.2	41
8	Bio-inspired low-tortuosity carbon host for high-performance lithium-metal anode. <i>National Science Review</i> , 2019, 6, 247-256.	4.6	57
9	Wood-Inspired High-Performance Ultrathick Bulk Battery Electrodes. <i>Advanced Materials</i> , 2018, 30, e1706745.	11.1	205
10	MoS ₂ -Nanosheet-Decorated Carbon Nanofiber Composites Enable High-Performance Cathode Materials for Mg Batteries. <i>ChemElectroChem</i> , 2018, 5, 995-995.	1.7	1
11	MoS ₂ -Nanosheet-Decorated Carbon Nanofiber Composites Enable High-Performance Cathode Materials for Mg Batteries. <i>ChemElectroChem</i> , 2018, 5, 996-1001.	1.7	20
12	Low Cost Metal Carbide Nanocrystals as Binding and Electrocatalytic Sites for High Performance Li-S Batteries. <i>Nano Letters</i> , 2018, 18, 1035-1043.	4.5	285
13	High Voltage Magnesium-ion Battery Enabled by Nanocluster Mg ₃ Bi ₂ Alloy Anode in Noncorrosive Electrolyte. <i>ACS Nano</i> , 2018, 12, 5856-5865.	7.3	87
14	Lithiophilic Cu-Ni core-shell nanowire network as a stable host for improving lithium anode performance. <i>Energy Storage Materials</i> , 2017, 9, 31-38.	9.5	149
15	Large-Scale Syntheses of Zinc Sulfide...(Diethylenetriamine) _{0.5} Hybrids as Precursors for Sulfur Nanocomposite Cathodes. <i>Angewandte Chemie</i> , 2017, 129, 11998-12002.	1.6	2
16	Large-Scale Syntheses of Zinc Sulfide...(Diethylenetriamine) _{0.5} Hybrids as Precursors for Sulfur Nanocomposite Cathodes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11836-11840.	7.2	24
17	Prawn Shell Derived Chitin Nanofiber Membranes as Advanced Sustainable Separators for Li/Na-Ion Batteries. <i>Nano Letters</i> , 2017, 17, 4894-4901.	4.5	96
18	Sustainable Hydrothermal Carbonization Synthesis of Iron/Nitrogen-Doped Carbon Nanofiber Aerogels as Electrocatalysts for Oxygen Reduction. <i>Small</i> , 2016, 12, 6398-6406.	5.2	77

#	ARTICLE	IF	CITATIONS
19	Titanium Carbide Decorated Carbon Nanofibers as Hybrid Electrodes for High Performance Li Batteries. ChemNanoMat, 2016, 2, 937-941.	1.5	37
20	Free-Standing Copper Nanowire Network Current Collector for Improving Lithium Anode Performance. Nano Letters, 2016, 16, 4431-4437.	4.5	597
21	Macroscopic-scale synthesis of nitrogen-doped carbon nanofiber aerogels by template-directed hydrothermal carbonization of nitrogen-containing carbohydrates. Nano Energy, 2016, 19, 117-127.	8.2	115
22	Carbon Nanofibers Decorated with Molybdenum Disulfide Nanosheets: Synergistic Lithium Storage and Enhanced Electrochemical Performance. Angewandte Chemie - International Edition, 2014, 53, 11552-11556.	7.2	326
23	Robust and Highly Efficient Free-Standing Carbonaceous Nanofiber Membranes for Water Purification. Advanced Functional Materials, 2011, 21, 3851-3858.	7.8	266
24	A Free-Standing Pt Nanowire Membrane as a Highly Stable Electrocatalyst for the Oxygen Reduction Reaction. Advanced Materials, 2011, 23, 1467-1471.	11.1	304