Fei Zhou

List of Publications by Year
in descending order

24 papers	3,073 citations	361413 20 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	5366 citing authors

#	Article	IF	Citations
1	Lithium Fluoride in Electrolyte for Stable and Safe Lithiumâ€Metal Batteries. Advanced Materials, 2021, 33, e2102134.	21.0	91
2	Lithium Fluoride in Electrolyte for Stable and Safe Lithiumâ€Metal Batteries (Adv. Mater. 42/2021). Advanced Materials, 2021, 33, 2170331.	21.0	4
3	Solubility-Dependent Protective Effects of Binary Alloys for Lithium Anode. ACS Applied Energy Materials, 2020, 3, 2278-2284.	5.1	16
4	Metal chloride perovskite thin film based interfacial layer for shielding lithium metal from liquid electrolyte. Nature Communications, 2020, 11, 1761.	12.8	68
5	A Nacreâ€Inspired Separator Coating for Impactâ€Tolerant Lithium Batteries. Advanced Materials, 2019, 31, e1905711.	21.0	71
6	Diatomite derived hierarchical hybrid anode for high performance all-solid-state lithium metal batteries. Nature Communications, 2019, 10, 2482.	12.8	96
7	Chemically exfoliated boron nitride nanosheets form robust interfacial layers for stable solid-state Li metal batteries. Chemical Communications, 2019, 55, 7703-7706.	4.1	41
8	Bio-inspired low-tortuosity carbon host for high-performance lithium-metal anode. National Science Review, 2019, 6, 247-256.	9.5	57
9	Woodâ€Inspired Highâ€Performance Ultrathick Bulk Battery Electrodes. Advanced Materials, 2018, 30, e1706745.	21.0	205
10	MoS2 -Nanosheet-Decorated Carbon Nanofiber Composites Enable High-Performance Cathode Materials for Mg Batteries. ChemElectroChem, 2018, 5, 995-995.	3.4	1
11	MoS₂â€Nanosheetâ€Decorated Carbon Nanofiber Composites Enable Highâ€Performance Cathode Materials for Mg Batteries. ChemElectroChem, 2018, 5, 996-1001.	3.4	20
12	Low Cost Metal Carbide Nanocrystals as Binding and Electrocatalytic Sites for High Performance Liâ€“S Batteries. Nano Letters, 2018, 18, 1035-1043.	9.1	285
13	High Voltage Magnesium-ion Battery Enabled by Nanocluster Mg₃Bi₂ Alloy Anode in Noncorrosive Electrolyte. ACS Nano, 2018, 12, 5856-5865.	14.6	87
14	Lithiophilic Cuâ€“Ni coreâ€“shell nanowire network as a stable host for improving lithium anode performance. Energy Storage Materials, 2017, 9, 31-38.	18.0	149
15	Largeâ€Scale Syntheses of Zinc Sulfideâ‹…(Diethylenetriamine)_{0.5} Hybrids as Precursors for Sulfur Nanocomposite Cathodes. Angewandte Chemie, 2017, 129, 11998-12002.	2.0	2
16	Largeâ€Scale Syntheses of Zinc Sulfideâ‹…(Diethylenetriamine)_{0.5} Hybrids as Precursors for Sulfur Nanocomposite Cathodes. Angewandte Chemie - International Edition, 2017, 56, 11836-11840.	13.8	24
17	Prawn Shell Derived Chitin Nanofiber Membranes as Advanced Sustainable Separators for Li/Na-Ion Batteries. Nano Letters, 2017, 17, 4894-4901.	9.1	96
18	Sustainable Hydrothermal Carbonization Synthesis of Iron/Nitrogenâ€Doped Carbon Nanofiber Aerogels as Electrocatalysts for Oxygen Reduction. Small, 2016, 12, 6398-6406.	10.0	77

#	Article	IF	Citations
19	Titaniumâ€Carbideâ€Decorated Carbon Nanofibers as Hybrid Electrodes for High Performance Liâ€S Batteries. ChemNanoMat, 2016, 2, 937-941.	2.8	37
20	Free-Standing Copper Nanowire Network Current Collector for Improving Lithium Anode Performance. Nano Letters, 2016, 16, 4431-4437.	9.1	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.	16.0	115
22	Carbon Nanofibers Decorated with Molybdenum Disulfide Nanosheets: Synergistic Lithium Storage and Enhanced Electrochemical Performance. Angewandte Chemie - International Edition, 2014, 53, 11552-11556.	13.8	326
23	Robust and Highly Efficient Freeâ€Standing Carbonaceous Nanofiber Membranes for Water Purification. Advanced Functional Materials, 2011, 21, 3851-3858.	14.9	266
24	A Freeâ€Standing Ptâ€Nanowire Membrane as a Highly Stable Electrocatalyst for the Oxygen Reduction Reaction. Advanced Materials, 2011, 23, 1467-1471.	21.0	304