

Junwei Wu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,280
citations

623734

14
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1849
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on Polymer-Based Composite Electrolytes for Lithium Batteries. <i>Frontiers in Chemistry</i> , 2019, 7, 522.	3.6	302
2	An Interface-Bridged Organic-Inorganic Layer that Suppresses Dendrite Formation and Side Reactions for Ultra-Long-Life Aqueous Zinc Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16594-16601.	13.8	270
3	Ternary tin selenium sulfide (SnSe _{0.5} S _{0.5}) nano alloy as the high-performance anode for lithium-ion and sodium-ion batteries. <i>Nano Energy</i> , 2017, 41, 377-386.	16.0	136
4	Facile synthesis of flower-like CoMn ₂ O ₄ microspheres for electrochemical supercapacitors. <i>RSC Advances</i> , 2015, 5, 30963-30969.	3.6	86
5	3D Cube-Maze-Like Li-Rich Layered Cathodes Assembled from 2D Porous Nanosheets for Enhanced Cycle Stability and Rate Capability of Lithium-Ion Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 1903139.	19.5	78
6	Facile Synthesis of Platelike Hierarchical Li _{1.2} Mn _{0.54} Ni _{0.13} Co _{0.13} O ₂ with Exposed {010} Planes for High-Rate and Long Cycling-Stable Lithium Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26082-26090.	8.0	65
7	An Interface-Bridged Organic-Inorganic Layer that Suppresses Dendrite Formation and Side Reactions for Ultra-Long-Life Aqueous Zinc Metal Anodes. <i>Angewandte Chemie</i> , 2020, 132, 16737-16744.	2.0	52
8	Droplet-based microfluidics systems in biomedical applications. <i>Electrophoresis</i> , 2019, 40, 1580-1590.	2.4	49
9	Modulating the Surface Ligand Orientation for Stabilized Anionic Redox in Li-Rich Oxide Cathodes. <i>Advanced Energy Materials</i> , 2021, 11, 2003479.	19.5	45
10	Ternary tin-based chalcogenide nanoplates as a promising anode material for lithium-ion batteries. <i>Journal of Power Sources</i> , 2018, 379, 182-190.	7.8	38
11	Binary Iron Sulfide as a Low-Cost and High-Performance Anode for Lithium-/Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52888-52898.	8.0	38
12	Nickel oxide aerogel for high performance supercapacitor electrodes. <i>RSC Advances</i> , 2016, 6, 112620-112624.	3.6	34
13	Hierarchical yolk-shell structured Li-rich cathode boosting cycling and voltage stabled LIBs. <i>Nano Research</i> , 2022, 15, 3178-3186.	10.4	26
14	Fabrication of La ₂ NiO ₄ nanoparticles as an efficient bifunctional cathode catalyst for rechargeable lithium-oxygen batteries. <i>RSC Advances</i> , 2016, 6, 17430-17437.	3.6	17
15	A novel sulfur-impregnated porous carbon matrix as a cathode material for a lithium-sulfur battery. <i>RSC Advances</i> , 2016, 6, 64228-64233.	3.6	12
16	Ether-Induced Phase Transition toward Stabilized Layered Structure of MoS ₂ with Extraordinary Sodium Storage Performance. , 2022, 4, 1341-1349.		11
17	Na-X zeolite templated and sulfur-impregnated porous carbon as the cathode for a high-performance Li-S battery. <i>RSC Advances</i> , 2016, 6, 9117-9123.	3.6	10
18	Binder-free 3D hierarchical Bi Nanosheet/CNTs arrays anode for full sodium-ion battery with high voltage above 4V. <i>Journal of Power Sources</i> , 2022, 540, 231639.	7.8	6

#	ARTICLE	IF	CITATIONS
19	Mesoporous carbon nanofiber network derived from agarose for supercapacitor electrode. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	5