

# Junwei Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5760703/publications.pdf>

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	Hierarchical yolk-shell structured Li-rich cathode boosting cycling and voltage stabled LIBs. Nano Research, 2022, 15, 3178-3186.	10.4	26
2	Binder-free 3D hierarchical Bi Nanosheet/CNTs arrays anode for full sodium-ion battery with high voltage above 4ÅV. Journal of Power Sources, 2022, 540, 231639.	7.8	6
3	Ether-Induced Phase Transition toward Stabilized Layered Structure of MoS <sub>2</sub> with Extraordinary Sodium Storage Performance. , 2022, 4, 1341-1349.		11
4	Modulating the Surface Ligand Orientation for Stabilized Anionic Redox in Li-Rich Oxide Cathodes. Advanced Energy Materials, 2021, 11, 2003479.	19.5	45
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. Advanced Energy Materials, 2020, 10, 1903139.	19.5	78
6	Binary Iron Sulfide as a Low-Cost and High-Performance Anode for Lithium-/Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 52888-52898.	8.0	38
7	An Interface-Bridged Organic-Inorganic Layer that Suppresses Dendrite Formation and Side Reactions for Ultra-Long-Life Aqueous Zinc Metal Anodes. Angewandte Chemie, 2020, 132, 16737-16744.	2.0	52
8	An Interface-Bridged Organic-Inorganic Layer that Suppresses Dendrite Formation and Side Reactions for Ultra-Long-Life Aqueous Zinc Metal Anodes. Angewandte Chemie - International Edition, 2020, 59, 16594-16601.	13.8	270
9	Review on Polymer-Based Composite Electrolytes for Lithium Batteries. Frontiers in Chemistry, 2019, 7, 522.	3.6	302
10	Droplet-based microfluidics systems in biomedical applications. Electrophoresis, 2019, 40, 1580-1590.	2.4	49
11	Ternary tin-based chalcogenide nanoplates as a promising anode material for lithium-ion batteries. Journal of Power Sources, 2018, 379, 182-190.	7.8	38
12	Mesoporous carbon nanofiber network derived from agarose for supercapacitor electrode. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	5
13	Ternary tin selenium sulfide (SnSe <sub>0.5</sub> S <sub>0.5</sub> ) nano alloy as the high-performance anode for lithium-ion and sodium-ion batteries. Nano Energy, 2017, 41, 377-386.	16.0	136
14	A novel sulfur-impregnated porous carbon matrix as a cathode material for a lithium-sulfur battery. RSC Advances, 2016, 6, 64228-64233.	3.6	12
15	Nickel oxide aerogel for high performance supercapacitor electrodes. RSC Advances, 2016, 6, 112620-112624.	3.6	34
16	Facile Synthesis of Platelike Hierarchical Li <sub>1.2</sub> Mn <sub>0.54</sub> Ni <sub>0.13</sub> Co <sub>0.13</sub> O <sub>2</sub> with Exposed {010} Planes for High-Rate and Long Cycling-Stable Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 26082-26090.	8.0	65
17	Na-X zeolite templated and sulfur-impregnated porous carbon as the cathode for a high-performance Li-S battery. RSC Advances, 2016, 6, 9117-9123.	3.6	10
18	Fabrication of La <sub>2</sub> NiO <sub>4</sub> nanoparticles as an efficient bifunctional cathode catalyst for rechargeable lithium-oxygen batteries. RSC Advances, 2016, 6, 17430-17437.	3.6	17

#	ARTICLE	IF	CITATIONS
19	Facile synthesis of flower-like $\text{CoMn}_2\text{O}_4$ microspheres for electrochemical supercapacitors. RSC Advances, 2015, 5, 30963-30969.	3.6	86