Bing Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7007102/publications.pdf

Version: 2024-02-01

20	801	623734 14	752698 20
papers	citations	h-index	g-index

20	20	20	1133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MnO2 nanosheets grown on the internal/external surface of N-doped hollow porous carbon nanospheres as the sulfur host of advanced lithium-sulfur batteries. Chemical Engineering Journal, 2018, 335, 831-842.	12.7	157
2	Synchronous Tailoring Surface Structure and Chemical Composition of Liâ€Richâ€“Layered Oxide for Highâ€Energy Lithiumâ€ion Batteries. Advanced Functional Materials, 2018, 28, 1803392.	14.9	137
3	Dual stabilized architecture of hollow Si@TiO2@C nanospheres as anode of high-performance Li-ion battery. Chemical Engineering Journal, 2018, 351, 269-279.	12.7	92
4	Li_{1.2}Ni_{0.13}Co_{0.13}Mn_{0.54}O₂ with Controllable Morphology and Size for High Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2017, 9, 25358-25368.	8.0	76
5	Tailoring bulk Li+ ion diffusion kinetics and surface lattice oxygen activity for high-performance lithium-rich manganese-based layered oxides. Energy Storage Materials, 2021, 37, 509-520.	18.0	55
6	The Influences of Surface Coating Layers on the Properties of Layered/Spinel Heterostructured Li-Rich Cathode Material. ACS Sustainable Chemistry and Engineering, 2018, 6, 12969-12979.	6.7	39
7	Li-Rich Layered/Spinel Heterostructured Special Morphology Cathode Material with High Rate Capability for Li-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2017, 5, 11005-11015.	6.7	36
8	Atomically Thin Nanosheets Confined in 2D Heterostructures: Metalâ€ion Batteries Prospective. Advanced Energy Materials, 2021, 11, 2100451.	19.5	35
9	Biohybrid Micro- and Nanorobots for Intelligent Drug Delivery. Cyborg and Bionic Systems, 2022, 2022, .	7.9	28
10	Functionalized metallic transition metal dichalcogenide (TaS₂) for nanocomposite membranes in direct methanol fuel cells. Journal of Materials Chemistry A, 2021, 9, 6368-6381.	10.3	22
11	Graphene-embedded LiMn0.8Fe0.2PO4 composites with promoted electrochemical performance for lithium ion batteries. Electrochimica Acta, 2018, 276, 134-141.	5.2	18
12	A heterogeneous FeP-CoP electrocatalyst for expediting sulfur redox in high-specific-energy lithium-sulfur batteries. Electrochimica Acta, 2021, 397, 139275.	5.2	17
13	Single-Step Synthesis of Platinoid-Decorated Phosphorene: Perspectives for Catalysis, Gas Sensing, and Energy Storage. ACS Applied Materials & Interfaces, 2020, 12, 50516-50526.	8.0	16
14	Freeâ€Standing Black Phosphorus Foils for Energy Storage and Catalysis. Chemistry - A European Journal, 2020, 26, 8162-8169.	3.3	15
15	Functionalized germanane/SWCNT hybrid films as flexible anodes for lithium-ion batteries. Nanoscale Advances, 2021, 3, 4440-4446.	4.6	13
16	Electrochemical Exfoliation of Janus-like BiTeI Nanosheets for Electrocatalytic Nitrogen Reduction. ACS Applied Nano Materials, 2021, 4, 590-599.	5.0	12
17	Photocatalytic activity of twist-angle stacked 2D TaS2. Npj 2D Materials and Applications, 2021, 5, .	7.9	12
18	A novel facile synthesis of hollow multi-component Li1.4Mn0.6Co0.2Ni0.2O2+Î´ spheres via controlling the porosity of precursor. Journal of Alloys and Compounds, 2018, 744, 809-820.	5.5	8

#	Article	IF	Citations
19	Lithium-Assisted Exfoliation of Palladium Thiophosphate Nanosheets for Photoelectrocatalytic Water Splitting. ACS Applied Nano Materials, 2021, 4, 441-448.	5.0	8
20	Multiple regulation of surface engineering for lithium-rich layered cathode materials via one-step strategy. Electrochimica Acta, 2019, 325, 134951.	5.2	5