

Yingpeng Wu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,967
citations

361413

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times ranked

5106
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid Metal-Based Self-Healable and Elastic Conductive Fiber in Complex Operating Conditions. <i>Energy and Environmental Materials</i> , 2023, 6, .	12.8	12
2	Strain Engineering of Layered Heterogeneous Structure via Self-Evolution Confinement for Ultrahigh-Rate Cyclic Sodium Storage. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	35
3	A High-Performance Electrode Based on van der Waals Heterostructure for Neural Recording. <i>Nano Letters</i> , 2022, 22, 4400-4409.	9.1	8
4	Strategies for Rational Design of High-Power Lithium-Ion Batteries. <i>Energy and Environmental Materials</i> , 2021, 4, 19-45.	12.8	53
5	Besides the Capacitive and Diffusion Control: Inner-Surface Controlled Bismuth Based Electrode Facilitating Potassium-Ion Energy Storage. <i>Advanced Functional Materials</i> , 2021, 31, 2101868.	14.9	45
6	Liquid Metal Welding to Suppress Li Dendrite by Equalized Heat Distribution. <i>Advanced Functional Materials</i> , 2021, 31, 2106740.	14.9	40
7	Core-shell SnSe@TiO ₂ /C heterostructure high-performance anode for Na-ion batteries. <i>Journal of Alloys and Compounds</i> , 2021, 880, 160469.	5.5	15
8	Tribo-electrochemistry induced artificial solid electrolyte interface by self-catalysis. <i>Nature Communications</i> , 2021, 12, 7184.	12.8	35
9	Bismuthene from sonoelectrochemistry as a superior anode for potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 453-460.	10.3	94
10	Synchronous Healing of Li Metal Anode via Asymmetrical Bidirectional Current. <i>IScience</i> , 2020, 23, 100781.	4.1	48
11	Heterogeneous structured pomegranate-like Bi@C nanospheres for high-performance sodium storage. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25746-25755.	10.3	27
12	An in-depth study of heteroatom boosted anode for potassium-ion batteries. <i>Nano Energy</i> , 2020, 78, 105294.	16.0	42
13	Enhancing the Rapid Na ⁺ -Storage Performance via Electron/Ion Bridges through GeS ₂ /Graphene Heterojunction. <i>ACS Nano</i> , 2020, 14, 13952-13963.	14.6	55
14	Bilayer nanosheets of unusual stoichiometric bismuth oxychloride for potassium ion storage and CO ₂ reduction. <i>Nano Energy</i> , 2020, 75, 104939.	16.0	66
15	Aluminum electrolysis derivative spent cathodic carbon for dendrite-free Li metal anode. <i>Materials Today Energy</i> , 2020, 17, 100465.	4.7	8
16	Self-healing liquid metal nanoparticles encapsulated in hollow carbon fibers as a free-standing anode for lithium-ion batteries. <i>Nano Energy</i> , 2019, 62, 883-889.	16.0	93
17	HF-free synthesis of Si/C yolk/shell anodes for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2593-2599.	10.3	84
18	Organometallic Precursor-Derived SnO ₂ /Sn-Reduced Graphene Oxide Sandwiched Nanocomposite Anode with Superior Lithium Storage Capacity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26170-26177.	8.0	32

#	ARTICLE	IF	CITATIONS
19	Advanced rechargeable aluminium ion battery with a high-quality natural graphite cathode. Nature Communications, 2017, 8, 14283.	12.8	453
20	A room-temperature liquid metal-based self-healing anode for lithium-ion batteries with an ultra-long cycle life. Energy and Environmental Science, 2017, 10, 1854-1861.	30.8	219
21	3D Graphitic Foams Derived from Chloroaluminate Anion Intercalation for Ultrafast Aluminum-ion Battery. Advanced Materials, 2016, 28, 9218-9222.	21.0	302
22	Blending Cr ₂ O ₃ into a NiO/Ni Electrocatalyst for Sustained Water Splitting. Angewandte Chemie - International Edition, 2015, 54, 11989-11993.	13.8	172
23	An ultrafast rechargeable aluminium-ion battery. Nature, 2015, 520, 324-328.	27.8	1,970