

Yingpeng Wu

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,967
citations

361413

20
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

5106
citing authors

#	ARTICLE	IF	CITATIONS
1	An ultrafast rechargeable aluminium-ion battery. <i>Nature</i> , 2015, 520, 324-328.	27.8	1,970
2	Advanced rechargeable aluminium ion battery with a high-quality natural graphite cathode. <i>Nature Communications</i> , 2017, 8, 14283.	12.8	453
3	3D Graphitic Foams Derived from Chloroaluminate Anion Intercalation for Ultrafast Aluminum-ion Battery. <i>Advanced Materials</i> , 2016, 28, 9218-9222.	21.0	302
4	A room-temperature liquid metal-based self-healing anode for lithium-ion batteries with an ultra-long cycle life. <i>Energy and Environmental Science</i> , 2017, 10, 1854-1861.	30.8	219
5	Blending Cr ₂ O ₃ into a NiO-Ni Electrocatalyst for Sustained Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11989-11993.	13.8	172
6	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
7	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
8	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
9	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
10	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
11	Strategies for Rational Design of High-Power Lithium-ion Batteries. <i>Energy and Environmental Materials</i> , 2021, 4, 19-45.	12.8	53
12	Synchronous Healing of Li Metal Anode via Asymmetrical Bidirectional Current. <i>IScience</i> , 2020, 23, 100781.	4.1	48
13	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
14	An in-depth study of heteroatom boosted anode for potassium-ion batteries. <i>Nano Energy</i> , 2020, 78, 105294.	16.0	42
15	Liquid Metal Welding to Suppress Li Dendrite by Equalized Heat Distribution. <i>Advanced Functional Materials</i> , 2021, 31, 2106740.	14.9	40
16	Tribo-electrochemistry induced artificial solid electrolyte interface by self-catalysis. <i>Nature Communications</i> , 2021, 12, 7184.	12.8	35
17	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
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	Heterogeneous structured pomegranate-like Bi@C nanospheres for high-performance sodium storage. Journal of Materials Chemistry A, 2020, 8, 25746-25755.	10.3	27
20	Core-shell SnSe@TiO ₂ /C heterostructure high-performance anode for Na-ion batteries. Journal of Alloys and Compounds, 2021, 880, 160469.	5.5	15
21	Liquid Metal-Based Self-Healable and Elastic Conductive Fiber in Complex Operating Conditions. Energy and Environmental Materials, 2023, 6, .	12.8	12
22	Aluminum electrolysis derivative spent cathodic carbon for dendrite-free Li metal anode. Materials Today Energy, 2020, 17, 100465.	4.7	8
23	A High-Performance Electrode Based on van der Waals Heterostructure for Neural Recording. Nano Letters, 2022, 22, 4400-4409.	9.1	8