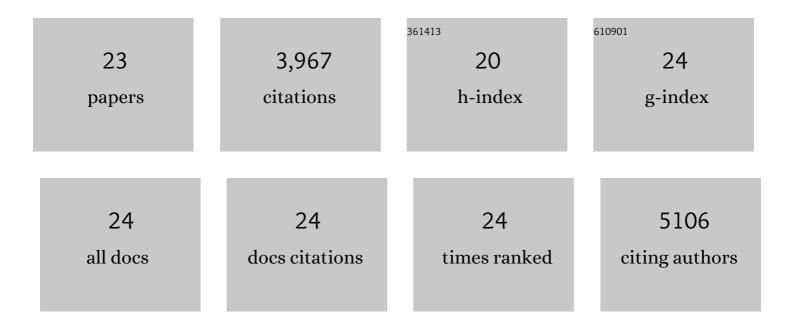
Yingpeng Wu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	An ultrafast rechargeable aluminium-ion battery. Nature, 2015, 520, 324-328.	27.8	1,970
2	Advanced rechargeable aluminium ion battery with a high-quality natural graphite cathode. Nature Communications, 2017, 8, 14283.	12.8	453
3	3D Graphitic Foams Derived from Chloroaluminate Anion Intercalation for Ultrafast Aluminumâ€lon Battery. Advanced Materials, 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. Energy and Environmental Science, 2017, 10, 1854-1861.	30.8	219
5	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
6	Bismuthene from sonoelectrochemistry as a superior anode for potassium-ion batteries. Journal of Materials Chemistry A, 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. Nano Energy, 2019, 62, 883-889.	16.0	93
8	HF-free synthesis of Si/C yolk/shell anodes for lithium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 2593-2599.	10.3	84
9	Bilayer nanosheets of unusual stoichiometric bismuth oxychloride for potassium ion storage and CO2 reduction. Nano Energy, 2020, 75, 104939.	16.0	66
10	Enhancing the Rapid Na ⁺ -Storage Performance via Electron/Ion Bridges through GeS ₂ /Graphene Heterojunction. ACS Nano, 2020, 14, 13952-13963.	14.6	55
11	Strategies for Rational Design of Highâ€Power Lithiumâ€ion Batteries. Energy and Environmental Materials, 2021, 4, 19-45.	12.8	53
12	Synchronous Healing of Li Metal Anode via Asymmetrical Bidirectional Current. IScience, 2020, 23, 100781.	4.1	48
13	Besides the Capacitive and Diffusion Control: Inner‣urface Controlled Bismuth Based Electrode Facilitating Potassiumâ€Ion Energy Storage. Advanced Functional Materials, 2021, 31, 2101868.	14.9	45
14	An in-depth study of heteroatom boosted anode for potassium-ion batteries. Nano Energy, 2020, 78, 105294.	16.0	42
15	Liquid Metal Welding to Suppress Li Dendrite by Equalized Heat Distribution. Advanced Functional Materials, 2021, 31, 2106740.	14.9	40
16	Tribo-electrochemistry induced artificial solid electrolyte interface by self-catalysis. Nature Communications, 2021, 12, 7184.	12.8	35
17	Strain Engineering of Layered Heterogeneous Structure via Selfâ€Evolution Confinement for Ultrahighâ€Rate Cyclic Sodium Storage. Advanced Energy Materials, 2022, 12, .	19.5	35
18	Organometallic Precursor-Derived SnO ₂ /Sn-Reduced Graphene Oxide Sandwiched Nanocomposite Anode with Superior Lithium Storage Capacity. ACS Applied Materials & Interfaces, 2018, 10, 26170-26177.	8.0	32

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#	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@TiO2/C heterostructure high-performance anode for Na-ion batteries. Journal of Alloys and Compounds, 2021, 880, 160469.	5.5	15
21	Liquid Metalâ€Based Selfâ€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