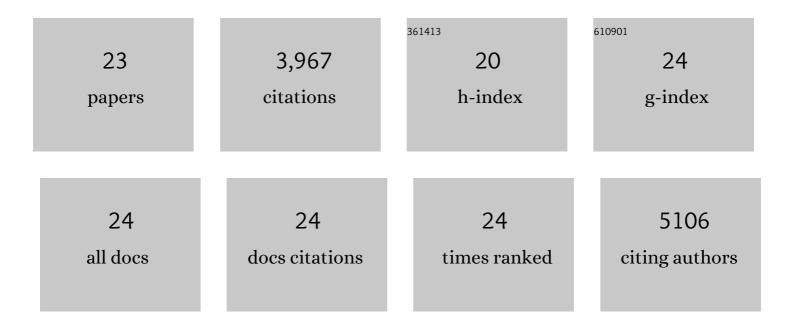
Yingpeng Wu

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 |