

# Hualin Ye

## List of Publications by Year in descending order

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papers

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citations

236925

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#	ARTICLE	IF	CITATIONS
1	Alleviating mechanical degradation of hexacyanoferrate via strain locking during Na+ insertion/extraction for full sodium ion battery. <i>Nano Research</i> , 2022, 15, 2123-2129.	10.4	21
2	An integrated approach to improve the performance of lean electrolyte lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2022, 67, 585-592.	12.9	12
3	Room-temperature metal-sulfur batteries: What can we learn from lithium-sulfur?. <i>Informa Mater</i> , 2022, 4, .	17.3	45
4	Covalent organic framework film protected zinc anode for highly stable rechargeable aqueous zinc-ion batteries. <i>Energy Storage Materials</i> , 2022, 48, 82-89.	18.0	83
5	Ammonium escorted chloride chemistry in stabilizing aqueous chloride ion battery. <i>Materials Today Energy</i> , 2022, 26, 101020.	4.7	6
6	Towards practical lean-electrolyte Li-S batteries: Highly solvating electrolytes or sparingly solvating electrolytes?. , 2022, 1, e9120012.		83
7	A Redox-Mediated Zinc-Air Fuel Cell. <i>ACS Energy Letters</i> , 2022, 7, 2565-2575.	17.4	18
8	Enhanced polysulfide conversion catalysis in lithium-sulfur batteries with surface cleaning electrolyte additives. <i>Chemical Engineering Journal</i> , 2021, 410, 128284.	12.7	37
9	Review on Multivalent Rechargeable Metal-Organic Batteries. <i>Energy &amp; Fuels</i> , 2021, 35, 7624-7636.	5.1	28
10	Mediator-Assisted Catalysis of Polysulfide Conversion for High-Loading Lithium-Sulfur Batteries Operating Under the Lean Electrolyte Condition. <i>Energy Storage Materials</i> , 2021, 38, 338-343.	18.0	51
11	Enhanced polysulfide conversion through metal oxide-support interaction in MnOx/MXene. <i>Chemical Engineering Journal</i> , 2021, 420, 130452.	12.7	15
12	Elevating the discharge plateau of prussian blue analogs through low-spin Fe redox induced intercalation pseudocapacitance. <i>Energy Storage Materials</i> , 2021, 43, 182-189.	18.0	43
13	Stabilization of lithium metal anodes by conductive metal-organic framework architectures. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12099-12108.	10.3	10
14	Porous polyimide framework based on perylene and triazine for reversible potassium-ion storage. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7184-7190.	5.9	12
15	Poly(benzobisthiazole-dione) Frameworks for Highly Reversible Sodium- and Potassium-Ion Storage. <i>Energy &amp; Fuels</i> , 2021, 35, 20367-20373.	5.1	5
16	Activating Li <sub>2</sub> S as the Lithium-Containing Cathode in Lithium-Sulfur Batteries. <i>ACS Energy Letters</i> , 2020, 5, 2234-2245.	17.4	125
17	Doping Induced Hierarchical Lattice Expansion of Cobalt Diselenide/Carbon Nanosheet Hybrid for Fast and Stable Sodium Storage. <i>Cell Reports Physical Science</i> , 2020, 1, 100082.	5.6	7
18	Solid Additives for Improving the Performance of Sulfur Cathodes in Lithium-Sulfur Batteries—Adsorbents, Mediators, and Catalysts. <i>Small Methods</i> , 2020, 4, 1900864.	8.6	60

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19	Chemical Bonding Construction of Reduced Graphene Oxide-Anchored Few-Layer Bismuth Oxychloride for Synergistically Improving Sodium-Ion Storage. <i>Chemistry of Materials</i> , 2019, 31, 7311-7319.	6.7	44
20	Simultaneous Cobalt and Phosphorous Doping of MoS <sub>2</sub> for Improved Catalytic Performance on Polysulfide Conversion in Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2019, 9, 1902096.	19.5	118
21	A Cathode-Integrated Sulfur-Deficient Co <sub>9</sub> S <sub>8</sub> Catalytic Interlayer for the Reutilization of Lost Polysulfides in Lithium-Sulfur Batteries. <i>ACS Nano</i> , 2019, 13, 7073-7082.	14.6	226
22	Stepwise Electrocatalysis as a Strategy against Polysulfide Shuttling in Li-S Batteries. <i>ACS Nano</i> , 2019, 13, 14208-14216.	14.6	171
23	Dual-Band Electrochromic Devices with a Transparent Conductive Capacitive Charge-Balancing Anode. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 48062-48070.	8.0	47
24	Rational Synthesis and Assembly of Ni <sub>3</sub> S <sub>4</sub> Nanorods for Enhanced Electrochemical Sodium-Ion Storage. <i>ACS Nano</i> , 2018, 12, 1829-1836.	14.6	104
25	Elucidating the Catalytic Activity of Oxygen Deficiency in the Polysulfide Conversion Reactions of Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1801868.	19.5	164
26	Chemical Immobilization and Conversion of Active Polysulfides Directly by Copper Current Collector: A New Approach to Enabling Stable Room-Temperature Li-S and Na-S Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1800624.	19.5	64
27	Improved Sodium-Ion Storage Performance of Ultrasmall Iron Selenide Nanoparticles. <i>Nano Letters</i> , 2017, 17, 4137-4142.	9.1	128
28	A hierarchical 1±-MoC <sub>18</sub> hybrid nanostructure for lithium-ion storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 8125-8132.	10.3	34
29	Hierarchical VS <sub>2</sub> Nanosheet Assemblies: A Universal Host Material for the Reversible Storage of Alkali Metal Ions. <i>Advanced Materials</i> , 2017, 29, 1702061.	21.0	320
30	Amorphous MoS <sub>3</sub> as the sulfur-equivalent cathode material for room-temperature Li-S and Na-S batteries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13091-13096.	7.1	170
31	Engineering SnS <sub>2</sub> nanosheet assemblies for enhanced electrochemical lithium and sodium ion storage. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25618-25624.	10.3	79
32	Amorphous MoS <sub>3</sub> Infiltrated with Carbon Nanotubes as an Advanced Anode Material of Sodium-Ion Batteries with Large Gravimetric, Areal, and Volumetric Capacities. <i>Advanced Energy Materials</i> , 2017, 7, 1601602.	19.5	164
33	Stabilizing nickel sulfide nanoparticles with an ultrathin carbon layer for improved cycling performance in sodium ion batteries. <i>Nano Research</i> , 2016, 9, 3162-3170.	10.4	65
34	Mo <sub>x</sub> W <sub>1-x</sub> S <sub>2</sub> (S <sub>y</sub> Se <sub>1-y</sub> ) <sub>2</sub> Alloy Nanoflakes for High-Performance Electrocatalytic Hydrogen Evolution. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 576-582.	2.3	24
35	Iron-based sodium-ion full batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1754-1761.	10.3	50
36	Ultrathin MoS <sub>2</sub> (1-x)Se <sub>2x</sub> Alloy Nanoflakes For Electrocatalytic Hydrogen Evolution Reaction. <i>ACS Catalysis</i> , 2015, 5, 2213-2219.	11.2	473

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37	Nanostructured CuP <sub>2</sub> /C composites as high-performance anode materials for sodium ion batteries. Journal of Materials Chemistry A, 2015, 3, 21754-21759.	10.3	113