

# Jingwen Zhao

## List of Publications by Year in descending order

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38  
papers

5,965  
citations

218677

26  
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315739

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38  
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docs citations

38  
times ranked

5042  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eutectic Crystallization Activates Solid-State Zinc-Ion Conduction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	41
2	Eutectic Crystallization Activates Solid-State Zinc-Ion Conduction. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	2
3	A PF <sub>6</sub> <sup>-</sup> Permeable Polymer Electrolyte with Anion Solvation Regulation Enabling Long-Cycle Dual-Ion Battery. <i>Advanced Materials</i> , 2022, 34, e2108665.	21.0	35
4	Single-Ion-Functionalized Nanocellulose Membranes Enable Lean-Electrolyte and Deeply Cycled Aqueous Zinc-Metal Batteries. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	63
5	Delicately Tailored Ternary Phosphate Electrolyte Promotes Ultrastable Cycling of Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>3</sub> -Based Sodium Metal Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17444-17453.	8.0	20
6	Charge-Compensation in a Displacement Mg <sup>2+</sup> Storage Cathode through Polyselenide-Mediated Anion Redox. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	27
7	Charge-Compensation in a Displacement Mg <sup>2+</sup> Storage Cathode through Polyselenide-Mediated Anion Redox. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
8	Stimulus-responsive polymers for safe batteries and smart electronics. <i>Science China Materials</i> , 2022, 65, 2060-2071.	6.3	10
9	Water-Locked Eutectic Electrolyte Enables Long-Cycling Aqueous Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 33041-33051.	8.0	21
10	In-situ formed all-amorphous poly (ethylene oxide)-based electrolytes enabling solid-state Zn electrochemistry. <i>Chemical Engineering Journal</i> , 2021, 417, 128096.	12.7	28
11	Anti-corrosive Hybrid Electrolytes for Rechargeable Aqueous Zinc Batteries. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 328-334.	2.6	5
12	Room-temperature fast zinc-ion conduction in molecule-flexible solids. <i>Materials Today Energy</i> , 2021, 20, 100630.	4.7	16
13	Unraveling H <sup>+</sup> /Zn <sup>2+</sup> Sequential Conversion Reactions in Tellurium Cathodes for Rechargeable Aqueous Zinc Batteries. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 10163-10168.	4.6	19
14	A High-Energy 5 V-Class Flexible Lithium-Ion Battery Endowed by Laser-Drilled Flexible Integrated Graphite Film. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 9468-9477.	8.0	10
15	Self-Assembled Solid-State Gel Catholyte Combating Iodide Diffusion and Self-Discharge for a Stable Flexible Aqueous Zn-I <sub>2</sub> Battery. <i>Advanced Energy Materials</i> , 2020, 10, 2001997.	19.5	86
16	Anion Solvation Reconfiguration Enables High-Voltage Carbonate Electrolytes for Stable Zn/Graphite Cells. <i>Angewandte Chemie</i> , 2020, 132, 21953-21961.	2.0	11
17	Anion Solvation Reconfiguration Enables High-Voltage Carbonate Electrolytes for Stable Zn/Graphite Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21769-21777.	13.8	58
18	Fast anion intercalation into graphite cathode enabling high-rate rechargeable zinc batteries. <i>Journal of Power Sources</i> , 2020, 457, 227994.	7.8	42

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19	Hydrated Eutectic Electrolytes with Ligand-Oriented Solvation Shells for Long-Cycling Zinc-Organic Batteries. <i>Joule</i> , 2020, 4, 1557-1574.	24.0	429
20	Uncovering the Potential of Mn <sup>2+</sup> -Site-Activated NASICON Cathodes for Zn-Ion Batteries. <i>Advanced Materials</i> , 2020, 32, e1907526.	21.0	103
21	Achieving high capacity and long life of aqueous rechargeable zinc battery by using nanoporous-carbon-supported poly(1,5-naphthalenediamine) nanorods as cathode. <i>Energy Storage Materials</i> , 2020, 28, 64-72.	18.0	105
22	Ionic-Association-Assisted Viscoelastic Nylon Electrolytes Enable Synchronously Coupled Interface for Solid Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2000347.	14.9	44
23	Pursuit of reversible Zn electrochemistry: a time-honored challenge towards low-cost and green energy storage. <i>NPG Asia Materials</i> , 2020, 12, .	7.9	129
24	Long-life and deeply rechargeable aqueous Zn anodes enabled by a multifunctional brightener-inspired interphase. <i>Energy and Environmental Science</i> , 2019, 12, 1938-1949.	30.8	1,309
25	A Crosslinked Polytetrahydrofuran-Borate-Based Polymer Electrolyte Enabling Wide-Working-Temperature-Range Rechargeable Magnesium Batteries. <i>Advanced Materials</i> , 2019, 31, e1805930.	21.0	95
26	Zinc anode-compatible in-situ solid electrolyte interphase via cation solvation modulation. <i>Nature Communications</i> , 2019, 10, 5374.	12.8	573
27	Water-in-deep eutectic solvent-electrolytes enable zinc metal anodes for rechargeable aqueous batteries. <i>Nano Energy</i> , 2019, 57, 625-634.	16.0	467
28	Lithium Ion Capacitors in Organic Electrolyte System: Scientific Problems, Material Development, and Key Technologies. <i>Advanced Energy Materials</i> , 2018, 8, 1801243.	19.5	207
29	Amide-based molten electrolyte with hybrid active ions for rechargeable Zn batteries. <i>Electrochimica Acta</i> , 2018, 280, 108-113.	5.2	36
30	High-voltage and free-standing poly(propylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 312 Td (carbonate)/Li <sub>6.75</sub> La <sub>3</sub> composite solid electrolyte for wide temperature range and flexible solid lithium ion battery. <i>Journal of Materials Chemistry A</i> , 2017, 5, 4940-4948.	10.3	373
31	A Smart Flexible Zinc Battery with Cooling Recovery Ability. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7871-7875.	13.8	141
32	Hierarchical CoNi-Sulfide Nanosheet Arrays Derived from Layered Double Hydroxides toward Efficient Hydrazine Electrooxidation. <i>Advanced Materials</i> , 2017, 29, 1604080.	21.0	196
33	A Smart Flexible Zinc Battery with Cooling Recovery Ability. <i>Angewandte Chemie</i> , 2017, 129, 7979-7983.	2.0	59
34	Graphene boosted Cu <sub>2</sub> GeS <sub>3</sub> for advanced lithium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 541-546.	6.0	22
35	Layer-by-layer assembly of exfoliated layered double hydroxide nanosheets for enhanced electrochemical oxidation of water. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11516-11523.	10.3	104
36	High-voltage Zn/LiMn <sub>0.8</sub> Fe <sub>0.2</sub> PO <sub>4</sub> aqueous rechargeable battery by virtue of water-in-salt electrolyte. <i>Electrochemistry Communications</i> , 2016, 69, 6-10.	4.7	137

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37	All solid-state polymer electrolytes for high-performance lithium ion batteries. <i>Energy Storage Materials</i> , 2016, 5, 139-164.	18.0	768
38	Ultrafast Alkaline Ni/Zn Battery Based on Ni-Foam-Supported Ni <sub>3</sub> S <sub>2</sub> Nanosheets. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 26396-26399.	8.0	173