

# Jing Zhang

## List of Publications by Year in descending order

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34  
papers

2,222  
citations

331670

21  
h-index

377865

34  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3791  
citing authors

#	ARTICLE	IF	CITATIONS
1	Steric modulation of Na <sub>2</sub> Ti <sub>2</sub> O <sub>3</sub> (SiO <sub>4</sub> )·2H <sub>2</sub> O toward highly reversible Na ion intercalation/deintercalation for Na ion batteries. <i>Chemical Engineering Journal</i> , 2022, 431, 133245.	12.7	3
2	Regulating Pseudo-Jahn-Teller Effect and Superstructure in Layered Cathode Materials for Reversible Alkali-Ion Intercalation. <i>Journal of the American Chemical Society</i> , 2022, 144, 7929-7938.	13.7	22
3	Designing water/air-stable P2-layered cathodes with delayed P2→O2 phase transition by composition and structure engineering for sodium-ion batteries at high voltage. <i>Chemical Engineering Journal</i> , 2021, 420, 127667.	12.7	21
4	Red phosphorus as self-template to hierarchical nanoporous nickel phosphides toward enhanced electrocatalytic activity for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2020, 332, 135500.	5.2	20
5	Engineering Solid Electrolyte Interphase on Red Phosphorus for Long-Term and High-Capacity Sodium Storage. <i>Chemistry of Materials</i> , 2020, 32, 448-458.	6.7	29
6	Highly Reversible and Rapid Sodium Storage in GeP <sub>3</sub> with Synergistic Effect from Outside-In Optimization. <i>ACS Nano</i> , 2020, 14, 4352-4365.	14.6	31
7	Ionic Liquid-Controlled Growth of NiCo <sub>2</sub> S <sub>4</sub> 3D Hierarchical Hollow Nanoarrow Arrays on Ni Foam for Superior Performance Binder Free Hybrid Supercapacitors. <i>Small</i> , 2019, 15, e1804318.	10.0	84
8	Pseudocapacitive Behavior and Ultrafast Kinetics from Solvated Ion Cointercalation into MoS <sub>2</sub> for Its Alkali Ion Storage. <i>ACS Applied Energy Materials</i> , 2019, 2, 3726-3735.	5.1	9
9	Manganese based layered oxides with modulated electronic and thermodynamic properties for sodium ion batteries. <i>Nature Communications</i> , 2019, 10, 5203.	12.8	202
10	A combination-decomposition method to synthesize two-dimensional metal sulfide-amine hybrid nanosheets: a highly efficient Fe-based water oxidation electrocatalyst. <i>Chemical Communications</i> , 2018, 54, 4617-4620.	4.1	11
11	Bifunctional Conducting Polymer Coated CoP Core-Shell Nanowires on Carbon Paper as a Free-Standing Anode for Sodium Ion Batteries. <i>Advanced Energy Materials</i> , 2018, 8, 1800283.	19.5	104
12	Ionic liquid bifunctionally modulated aggregation-coalescence mechanism to synthesize SnSe single-crystal nanorod/nanoparticle core shell nanostructures and single-crystal nanorods for optoelectronics. <i>CrystEngComm</i> , 2018, 20, 1141-1150.	2.6	10
13	Nanoporous CuO mesocrystals: Low-temperature synthesis and improved structure-performance relationship for energy storage system. <i>Chemical Engineering Journal</i> , 2018, 331, 326-334.	12.7	21
14	One-pot synthesis of highly stable carbon-MoS <sub>2</sub> nanosphere electrodes using a co-growth mechanism for supercapacitors. <i>New Journal of Chemistry</i> , 2018, 42, 10111-10117.	2.8	16
15	Ionic liquid-assisted synthesis of rGO wrapped three-dimensional CuS ordered nanoerythrocytes with enhanced performance for asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2017, 325, 424-432.	12.7	70
16	One-step extended strategy for the ionic liquid-assisted synthesis of Ni <sub>3</sub> S <sub>4</sub> -MoS <sub>2</sub> heterojunction electrodes for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 11278-11285.	10.3	103
17	Tensile force-induced tearing and collapse of ultrathin carbon shells to surface-wrinkled grape skins for high performance supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2017, 5, 14190-14197.	10.3	22
18	A Facile Synthesis of Mesoporous TiO <sub>2</sub> Sub-Microsphere Host for Long Life Lithium-Sulfur Battery Cathodes. <i>Electrochimica Acta</i> , 2017, 239, 56-64.	5.2	33

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19	Ionic liquid-assisted synthesis of Cu <sub>7</sub> Te <sub>4</sub> ultrathin nanosheets with enhanced electrocatalytic activity for water oxidation. <i>Nano Energy</i> , 2017, 41, 780-787.	16.0	42
20	Cobalt phosphide nanoparticles embedded in nitrogen-doped carbon nanosheets: Promising anode material with high rate capability and long cycle life for sodium-ion batteries. <i>Nano Research</i> , 2017, 10, 4337-4350.	10.4	97
21	Graphitic Carbon Coated CuO Hollow Nanospheres with Penetrated Mesochannels for High-Performance Asymmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 105-111.	6.7	42
22	Ionic liquid-assisted solvothermal synthesis of three-dimensional hierarchical copper sulfide microflowers at a low temperature with enhanced photocatalytic performance. <i>CrystEngComm</i> , 2016, 18, 6245-6253.	2.6	10
23	One-step room temperature rapid synthesis of Cu <sub>2</sub> Se nanostructures, phase transformation, and formation of p-Cu <sub>2</sub> Se/p-Cu <sub>3</sub> Se <sub>2</sub> heterojunctions. <i>CrystEngComm</i> , 2016, 18, 5202-5208.	2.6	30
24	Microwave-assisted template-free synthesis of butterfly-like CuO through Cu <sub>2</sub> Cl(OH) <sub>3</sub> precursor and the electrochemical sensing property. <i>Solid State Sciences</i> , 2016, 61, 146-154.	3.2	20
25	Interior design of three-dimensional CuO ordered architectures with enhanced performance for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 6357-6367.	10.3	106
26	Efficient Electrocatalytic Water Oxidation by Using Amorphous Ni-Co Double Hydroxides Nanocages. <i>Advanced Energy Materials</i> , 2015, 5, 1401880.	19.5	307
27	Solvothermal Synthesis of Three-Dimensional Hierarchical CuS Microspheres from a Cu-Based Ionic Liquid Precursor for High-Performance Asymmetric Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 21735-21744.	8.0	208
28	Facile solvothermal synthesis of 3D flowerlike In <sub>2</sub> S <sub>3</sub> microspheres and their photocatalytic activity performance. <i>RSC Advances</i> , 2014, 4, 50456-50463.	3.6	24
29	Facile fabrication of the visible-light-driven Bi <sub>2</sub> WO <sub>6</sub> /BiOBr composite with enhanced photocatalytic activity. <i>RSC Advances</i> , 2014, 4, 82-90.	3.6	174
30	Surfactant-free synthesis of Zn <sub>2</sub> SnO <sub>4</sub> octahedron decorated with nanoplates and its application in rechargeable lithium ion batteries. <i>RSC Advances</i> , 2014, 4, 49806-49810.	3.6	15
31	Hierarchical porous NiCo <sub>2</sub> S <sub>4</sub> hexagonal plates: Formation via chemical conversion and application in high performance supercapacitors. <i>Electrochimica Acta</i> , 2014, 144, 16-21.	5.2	74
32	Improved visible light photocatalytic properties of Fe/BiOCl microspheres synthesized via self-doped reactable ionic liquids. <i>CrystEngComm</i> , 2013, 15, 10132.	2.6	84
33	Advanced visible light photocatalytic properties of BiOCl micro/nanospheres synthesized via reactable ionic liquids. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 298-304.	4.0	47
34	Improvement of visible light photocatalytic activity over flower-like BiOCl/BiOBr microspheres synthesized by reactable ionic liquids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 420, 89-95.	4.7	131