

# Feifei Zhang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49  
papers

1,754  
citations

20  
h-index

41  
g-index

51  
ext. papers

2,084  
ext. citations

9.7  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
49	Metal organic frameworks route to in situ insertion of multiwalled carbon nanotubes in Co <sub>3</sub> O <sub>4</sub> polyhedra as anode materials for lithium-ion batteries. <i>ACS Nano</i> , <b>2015</b> , 9, 1592-9	16.7	410
48	Hierarchical NiFe <sub>2</sub> O <sub>4</sub> /Fe <sub>2</sub> O <sub>3</sub> nanotubes derived from metal organic frameworks for superior lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 8048-8053	13	203
47	Metal-organic framework derived Fe <sub>2</sub> O <sub>3</sub> @NiCo <sub>2</sub> O <sub>4</sub> porous nanocages as anode materials for Li-ion batteries. <i>Nanoscale</i> , <b>2014</b> , 6, 5509-15	7.7	147
46	Formation of Mo-Polydopamine Hollow Spheres and Their Conversions to MoO <sub>3</sub> /C and Mo <sub>2</sub> C/C for Efficient Electrochemical Energy Storage and Catalysis. <i>Small</i> , <b>2017</b> , 13, 1701246	11	96
45	Ni <sub>3</sub> S <sub>2</sub> nanorods growing directly on Ni foam for all-solid-state asymmetric supercapacitor and efficient overall water splitting. <i>Journal of Energy Chemistry</i> , <b>2020</b> , 46, 178-186	12	62
44	FeS <sub>2</sub> @C nanowires derived from organic-inorganic hybrid nanowires for high-rate and long-life lithium-ion batteries. <i>Journal of Power Sources</i> , <b>2016</b> , 328, 56-64	8.9	62
43	Controlled construction of hierarchical Co <sub>1-x</sub> S structures as high performance anode materials for lithium ion batteries. <i>CrystEngComm</i> , <b>2014</b> , 16, 814-819	3.3	61
42	Core-shell NiFe <sub>2</sub> O <sub>4</sub> @TiO <sub>2</sub> nanorods: an anode material with enhanced electrochemical performance for lithium-ion batteries. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 11214-9	4.8	58
41	Coated/Sandwiched rGO/Co <sub>x</sub> Composites Derived from Metal-Organic Frameworks/GO as Advanced Anode Materials for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1467-74	4.8	51
40	Freestanding MnO <sub>2</sub> @carbon papers air electrodes for rechargeable Li-O <sub>2</sub> batteries. <i>Journal of Power Sources</i> , <b>2014</b> , 261, 311-316	8.9	49
39	Preparation and characterization of MnFe <sub>2</sub> O <sub>4</sub> in the solvothermal process: Their magnetism and electrochemical properties. <i>Materials Research Bulletin</i> , <b>2013</b> , 48, 2511-2516	5.1	41
38	Facile synthesis of CuS/rGO composite with enhanced electrochemical lithium-storage properties through microwave-assisted hydrothermal method. <i>Electrochimica Acta</i> , <b>2016</b> , 203, 238-245	6.7	41
37	Yolk@Shell or Concave Cubic NiO-CoO@C Nanocomposites Derived from Metal-Organic Frameworks for Advanced Lithium-Ion Battery Anodes. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 9794-9801	5.1	40
36	Redox Targeting-Based Vanadium Redox-Flow Battery. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 3028-3035	20.1	36
35	SnO <sub>2</sub> nanocrystals anchored on N-doped graphene for high-performance lithium storage. <i>Chemical Communications</i> , <b>2015</b> , 51, 3660-2	5.8	31
34	Redox-targeted catalysis for vanadium redox-flow batteries. <i>Nano Energy</i> , <b>2018</b> , 52, 292-299	17.1	30
33	A Facile Molten-Salt Route for Large-Scale Synthesis of NiFe <sub>2</sub> O <sub>4</sub> Nanoplates with Enhanced Lithium Storage Capability. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 14140-5	4.8	29

32	A robust anionic sulfonated ferrocene derivative for pH-neutral aqueous flow battery. <i>Energy Storage Materials</i> , <b>2020</b> , 29, 216-222	19.4	24
31	Unravel the Catalytic Effect of Two-Dimensional Metal Sulfides on Polysulfide Conversions for Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 43560-43567	9.5	23
30	Insight of Enhanced Redox Chemistry for Porous MoO Carbon-Derived Framework as Polysulfide Reservoir in Lithium-Sulfur Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42286-42293	9.5	23
29	Decoupled Redox Catalytic Hydrogen Production with a Robust Electrolyte-Borne Electron and Proton Carrier. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 223-231	16.4	20
28	A high-performance battery-like supercapacitor electrode with a continuous NiTe network skeleton running throughout Co(OH) <sub>2</sub> /Co <sub>9</sub> S <sub>8</sub> nanohybrid. <i>Electrochimica Acta</i> , <b>2021</b> , 365, 137325	6.7	19
27	Mesoporous MFe <sub>2</sub> O <sub>4</sub> (M = Mn, Co, and Ni) for anode materials of lithium-ion batteries: Synthesis and electrochemical properties. <i>Materials Research Bulletin</i> , <b>2015</b> , 61, 195-200	5.1	18
26	Coaxial electrospinning fabrication and electrochemical properties of LiFePO <sub>4</sub> /C/Ag composite hollow nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 4718-4724	2.1	17
25	Facile fabrication of mesoporous N-doped Fe <sub>3</sub> O <sub>4</sub> @C nanospheres as superior anodes for Li-ion batteries. <i>RSC Advances</i> , <b>2014</b> , 4, 713-716	3.7	15
24	Electrospinning fabrication and electrochemical properties of LiFePO <sub>4</sub> /C composite nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 4263-4269	2.1	15
23	Highly uniform Co <sub>9</sub> S <sub>8</sub> nanoparticles grown on graphene nanosheets as advanced anode materials for improved Li-storage performance. <i>Applied Surface Science</i> , <b>2016</b> , 390, 86-91	6.7	13
22	Microwave-assisted hydrothermal synthesis of graphene-wrapped CuO hybrids for lithium ion batteries. <i>RSC Advances</i> , <b>2014</b> , 4, 51362-51365	3.7	13
21	Redox-Mediated Water Splitting for Decoupled H <sub>2</sub> Production <b>2021</b> , 3, 641-651		13
20	Redox-Mediated Ambient Electrolytic Nitrogen Reduction for Hydrazine and Ammonia Generation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 18721-18727	16.4	11
19	Preparation and performance of a sulfur/graphene composite for rechargeable lithium-sulfur battery. <i>Journal of Physics: Conference Series</i> , <b>2012</b> , 339, 012003	0.3	10
18	Preparation and electrochemical performances of LiFePO <sub>4</sub> /C composite nanobelts via facile electrospinning. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2014</b> , 25, 1040-1046	2.1	9
17	Preparation of a graphitic N-doped multi-walled carbon nanotube composite for lithium-sulfur batteries with long-life and high specific capacity. <i>RSC Advances</i> , <b>2016</b> , 6, 76568-76574	3.7	9
16	Redox Targeting-Based Thermally Regenerative Electrochemical Cycle Flow Cell for Enhanced Low-Grade Heat Harnessing. <i>Advanced Materials</i> , <b>2021</b> , 33, e2006234	24	8
15	Branched Poly(l-lysine)-Derived Nitrogen-Containing Porous Carbon Flake as the Metal-Free Electrocatalyst toward Efficient Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 3317-3326	6.1	7

14	Spatially decoupled hydrogen evolution in alkaline conditions with a redox targeting-based flow battery. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 18888-18894	6.7	6
13	Successive ionic layer adsorption and reaction-deposited copper sulfide electrocatalyst for high-power polysulfide-based aqueous flow batteries. <i>Materials Today Energy</i> , <b>2020</b> , 18, 100540	7	5
12	Redox Targeting of Energy Materials for Energy Storage and Conversion. <i>Advanced Materials</i> , <b>2021</b> , e2104562	4.5	5
11	Redox targeting of energy materials. <i>Current Opinion in Electrochemistry</i> , <b>2021</b> , 29, 100743	7.2	5
10	Redox-Mediated Two-Electron Oxygen Reduction Reaction with Ultrafast Kinetics for Zn-Air Flow Battery. <i>Advanced Energy Materials</i> , 2103622	21.8	4
9	The Redox-Mediated Nickel-Metal Hydride Flow Battery. <i>Advanced Energy Materials</i> , 2102866	21.8	4
8	Unusual allyl diazoacetate/acrolein copolymer-based hydrogels as promising antimicrobial agents for effective bacteria therapy. <i>Chemical Engineering Journal</i> , <b>2020</b> , 388, 124114	14.7	3
7	In-situ growing low-crystalline Co <sub>9</sub> S <sub>8</sub> Ni <sub>3</sub> S <sub>2</sub> nanohybrid on carbon cloth as a highly active and ultrastable electrode for the oxygen evolution reaction. <i>Electrochimica Acta</i> , <b>2022</b> , 402, 139558	6.7	2
6	A facile method to fabricate an antimicrobial coating based on poly(1-vinyl-3-allylimidazolium iodide) (PAVI) and poly(ethylene glycol) dimethyl acrylate (PEGDMA). <i>Polymer Bulletin</i> , <b>2019</b> , 76, 5433-5449	2.4	2
5	Diverse-shaped tin dioxide nanoparticles within a plastic waste-derived three-dimensional porous carbon framework for super stable lithium-ion storage.. <i>Science of the Total Environment</i> , <b>2022</b> , 815, 152900	10.2	1
4	Redox-Mediated Ambient Electrolytic Nitrogen Reduction for Hydrazine and Ammonia Generation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 18869-18875	3.6	1
3	Flow Cells: Redox Targeting-Based Thermally Regenerative Electrochemical Cycle Flow Cell for Enhanced Low-Grade Heat Harnessing (Adv. Mater. 5/2021). <i>Advanced Materials</i> , <b>2021</b> , 33, 2170031	24	1
2	Membrane fouling in aqueous redox flow batteries. <i>Journal of Power Sources</i> , <b>2022</b> , 527, 231180	8.9	1
1	Redox-Mediated Two-Electron Oxygen Reduction Reaction with Ultrafast Kinetics for Zn-Air Flow Battery (Adv. Energy Mater. 10/2022). <i>Advanced Energy Materials</i> , <b>2022</b> , 12, 2270042	21.8	