Yifang Zhang

List of Publications by Citations

32 papers	1,154 citations	19 h-index	32 g-index
32 ext. papers	1,398 ext. citations	11.9 avg, IF	4.71 L-index

#	Paper	IF	Citations
32	Nitrogen-Doped Yolk-Shell-Structured CoSe/C Dodecahedra for High-Performance Sodium Ion Batteries. *ACS Applied Materials & Interfaces*, **2017**, 9, 3624-3633	9.5	197
31	Facile synthesis of nanorod-assembled multi-shelled Co3O4 hollow microspheres for high-performance supercapacitors. *Journal of Power Sources*, **2014**, 272, 107-112	8.9	94
30	Tin sulfide nanoparticles embedded in sulfur and nitrogen dual-doped mesoporous carbon fibers as high-performance anodes with battery-capacitive sodium storage. *Energy Storage Materials*, **2019**, 18, 366-374	19.4	78
29	Rational design of multi-shelled CoO/Co9S8 hollow microspheres for high-performance hybrid supercapacitors. *Journal of Materials Chemistry A*, **2017**, 5, 18448-18456	13	78
28	Self-templated synthesis of N-doped CoSe2/C double-shelled dodecahedra for high-performance supercapacitors. *Energy Storage Materials*, **2017**, 8, 28-34	19.4	77
27	Heterogeneous NiS/NiO multi-shelled hollow microspheres with enhanced electrochemical performances for hybrid-type asymmetric supercapacitors. *Journal of Materials Chemistry A*, **2018**, 6, 9153-9160	13	76
26	A Confined Replacement Synthesis of Bismuth Nanodots in MOF Derived Carbon Arrays as Binder-Free Anodes for Sodium-Ion Batteries. *Advanced Science*, **2019**, 6, 1900162	13.6	58
25	S-doped porous carbon confined SnS nanospheres with enhanced electrochemical performance for sodium-ion batteries. *Journal of Materials Chemistry A*, **2018**, 6, 18286-18292	13	51
24	Nanorod-Nanoflake Interconnected LiMnPO□LiV(PO)/C Composite for High-Rate and Long-Life Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2016**, 8, 27632-27641	9.5	38
23	Anti-Corrosive and Zn-Ion-Regulating Composite Interlayer Enabling Long-Life Zn Metal Anodes. *Advanced Functional Materials*, **2021**, 31, 2104361	15.6	38
22	Solvent Molecule Cooperation Enhancing Lithium Metal Battery Performance at Both Electrodes. *Angewandte Chemie - International Edition*, **2020**, 59, 7797-7802	16.4	36
21	Dodecahedron-Shaped Porous Vanadium Oxide and Carbon Composite for High-Rate Lithium Ion Batteries. *ACS Applied Materials & Interfaces*, **2016**, 8, 17303-11	9.5	35
20	Cycling and Failing of Lithium Metal Anodes in Carbonate Electrolyte. *Journal of Physical Chemistry C*, **2018**, 122, 21462-21467	3.8	34
19	Metal Organic Framework Derivative Improving Lithium Metal Anode Cycling. *Advanced Functional Materials*, **2020**, 30, 1907579	15.6	33
18	Self-templating synthesis of double-wall shelled vanadium oxide hollow microspheres for high-performance lithium ion batteries. *Journal of Materials Chemistry A*, **2018**, 6, 6792-6799	13	26
17	Reduced graphene oxide modified V2O3 with enhanced performance for lithium-ion battery. *Materials Letters*, **2014**, 137, 174-177	3.3	26
16	Multi-shelled □Fe2O3 microspheres for high-rate supercapacitors. *Science China Materials*, **2016**, 59, 247-253	7.1	22

List of Publications

15	Formation and Evolution of Lithium Metal Anode Carbonate Electrolyte Interphases **2019**, 1, 254-259		20
14	Facile synthesis of sandwich-structured Li3V2(PO4)3/carbon composite as cathodes for high performance lithium-ion batteries. *Journal of Alloys and Compounds*, **2016**, 683, 178-185	5.7	20
13	Bimetallic organic framework derivation of three-dimensional and heterogeneous metal selenides/carbon composites as advanced anodes for lithium-ion batteries. *Nanoscale*, **2020**, 12, 12623-12631	7.7	17
12	A Facile Carbon Quantum Dot-Modified Reduction Approach Towards Tunable Sb@CQDs Nanoparticles for High Performance Sodium Storage. *Batteries and Supercaps*, **2020**, 3, 463-469	5.6	15
11	Controllable Preparation of VO/Graphene Nanocomposites as Cathode Materials for Lithium-Ion Batteries. *Nanoscale Research Letters*, **2016**, 11, 549	5	13
10	Layered MXene Protected Lithium Metal Anode as an Efficient Polysulfide Blocker for Lithium-Sulfur Batteries. *Batteries and Supercaps*, **2020**, 3, 892-899	5.6	11
9	Incorporation of LiF into functionalized polymer fiber networks enabling high capacity and high rate cycling of lithium metal composite anodes. *Chemical Engineering Journal*, **2021**, 404, 126508	14.7	11
8	Mechanistic Insights into Fast Charging and Discharging of the Sodium Metal Battery Anode: A Comparison with Lithium. *Journal of the American Chemical Society*, **2021**, 143, 13929-13936	16.4	11
7	Crowning Metal Ions by Supramolecularization as a General Remedy toward a Dendrite-Free Alkali-Metal Battery. *Advanced Materials*, **2021**, 33, e2101745	24	10
6	Facile synthesis of LiVO3 and its electrochemical behavior in rechargeable lithium batteries. *Journal of Electroanalytical Chemistry*, **2019**, 853, 113505	4.1	8
5	Intrinsically high efficiency sodium metal anode. *Science China Chemistry*, **2020**, 63, 1557-1562	7.9	6
4	Solvent Molecule Cooperation Enhancing Lithium Metal Battery Performance at Both Electrodes. *Angewandte Chemie*, **2020**, 132, 7871-7876	3.6	4
3	Revisiting lithium metal anodes from a dynamic and realistic perspective. *EnergyChem*, **2021**, 3, 100063	36.9	4
2	Conductivity gradient modulator induced highly reversible Li anodes in carbonate electrolytes for high-voltage lithium-metal batteries. *Energy Storage Materials*, **2022**, 47, 482-490	19.4	4
1	Na-Ion Batteries: A Confined Replacement Synthesis of Bismuth Nanodots in MOF Derived Carbon Arrays as Binder-Free Anodes for Sodium-Ion Batteries (Adv. Sci. 16/2019). *Advanced Science*, **2019**, 6, 1970098	13.6	3