Yingzhi Li

List of Publications by Year in Descending Order

29 papers	1,399 citations	16 h-index	29 g-index
29 ext. papers	1,709 ext. citations	8.5 avg, IF	4.56 L-index

#	Paper	IF	Citations
29	Ternary Transition Metal Sulfide as High Real Energy Cathode for Lithium-Sulfur Pouch Cell Under Lean Electrolyte Conditions.. *Small Methods*, **2022**, 6, e2101402	12.8	4
28	Revealing the catalytic pathway of a quinone-mediated oxygen reduction reaction in aprotic Li-O batteries.. *Chemical Communications*, **2021**,	5.8	1
27	Suppressing Continuous Volume Expansion of Si Nanoparticles by an Artificial Solid Electrolyte Interphase for High-Performance Lithium-Ion Batteries. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 8059-8068	8.3	6
26	Insights into the chemical and structural evolution of Li-rich layered oxide cathode materials. *Inorganic Chemistry Frontiers*, **2021**, 8, 127-140	6.8	6
25	Redox of naphthalenediimide radicals in a 3D polyimide for stable Li-ion batteries. *Chemical Communications*, **2021**, 57, 7810-7813	5.8	4
24	Single copper sites dispersed on defective TiO as a synergistic oxygen reduction reaction catalyst. *Journal of Chemical Physics*, **2021**, 154, 034705	3.9	1
23	Dextran Sulfate Lithium as Versatile Binder to Stabilize High-Voltage LiCoO2 to 4.6 V. *Advanced Energy Materials*, **2021**, 11, 2101864	21.8	17
22	Coupling a Three-Dimensional Nanopillar and Robust Film to Guide Li-Ion Flux for Dendrite-Free Lithium Metal Anodes. *ACS Applied Materials & Interfaces*, **2021**, 13, 45416-45425	9.5	2
21	Revealing Mechanism of Li3PO4 Coating Suppressed Surface Oxygen Release for Commercial Ni-Rich Layered Cathodes. *ACS Applied Energy Materials*, **2020**, 3, 7445-7455	6.1	15
20	Solid electrolyte interface stabilization via surface oxygen species functionalization in hard carbon for superior performance sodium-ion batteries. *Journal of Materials Chemistry A*, **2020**, 8, 3606-3612	13	21
19	Benzoquinone-Based Polyimide Derivatives as High-Capacity and Stable Organic Cathodes for Lithium-Ion Batteries. *ACS Applied Materials & Interfaces*, **2020**, 12, 807-817	9.5	26
18	Flexible Membrane Consisting of MoP Ultrafine Nanoparticles Highly Distributed Inside N and P Codoped Carbon Nanofibers as High-Performance Anode for Potassium-Ion Batteries. *Small*, **2020**, 16, e1905301	11	51
17	Tunable Redox Chemistry and Stability of Radical Intermediates in 2D Covalent Organic Frameworks for High Performance Sodium Ion Batteries. *Journal of the American Chemical Society*, **2019**, 141, 9623-9628	16.4	158
16	Selective edge etching to improve the rate capability of Prussian blue analogues for sodium ion batteries. *Inorganic Chemistry Frontiers*, **2019**, 6, 1361-1366	6.8	7
15	Hierarchical multicarbonyl polyimide architectures as promising anode active materials for high-performance lithium/sodium ion batteries. *Journal of Materials Chemistry A*, **2019**, 7, 19112-19119	13	31
14	High-Performance Sodium-Ion Batteries Based on Nitrogen-Doped Mesoporous Carbon Spheres with Ultrathin Nanosheets. *ACS Applied Materials & Interfaces*, **2019**, 11, 2970-2977	9.5	51
13	A top-down approach for fabricating free-standing bio-carbon supercapacitor electrodes with a hierarchical structure. *Scientific Reports*, **2015**, 5, 14155	4.9	36

12	Nitrogen-Doped Carbon Membrane Derived from Polyimide as Free-Standing Electrodes for Flexible Supercapacitors. *Small*, **2015**, 11, 3476-84	11	54
11	Freestanding composite electrodes of MnOx embedded carbon nanofibers for high-performance supercapacitors. *RSC Advances*, **2014**, 4, 39087	3.7	26
10	Free-standing three-dimensional graphene and polyaniline nanowire arrays hybrid foams for high-performance flexible and lightweight supercapacitors. *Journal of Materials Chemistry A*, **2014**, 2, 14413-14420	13	192
9	Enhanced Capacitive Properties of Manganese Dioxide Nanowires Coating with Polyaniline by in situ Polymerization. *Materials Research Society Symposia Proceedings*, **2014**, 1659, 163-168		
8	3D Macroporous Nitrogen-doped Graphene Frameworks for High-Performance Supercapacitors. *Materials Research Society Symposia Proceedings*, **2014**, 1644, 1		2
7	High strength polyimide fibers with functionalized graphene. *Polymer*, **2013**, 54, 6415-6424	3.9	76
6	Oriented arrays of polyaniline nanorods grown on graphite nanosheets for an electrochemical supercapacitor. *Langmuir*, **2013**, 29, 493-500	4	130
5	Enhanced electrochemical performance of polyaniline/sulfonated polyhedral oligosilsesquioxane nanocomposites with porous and ordered hierarchical nanostructure. *Journal of Materials Chemistry*, **2012**, 22, 1884-1892		54
4	Facile preparation and enhanced capacitance of the polyaniline/sodium alginate nanofiber network for supercapacitors. *Langmuir*, **2011**, 27, 6458-63	4	235
3	Alternate Multilayer Films of Poly(vinyl alcohol) and Exfoliated Graphene Oxide Fabricated via a Facial Layer-by-Layer Assembly. *Macromolecules*, **2010**, 43, 9411-9416	5.5	184
2	Oxidation State as a Descriptor in Oxygen Reduction Electrocatalysis. *CCS Chemistry*,1-12	7.2	1
1	Iron polyphthalocyanine-derived ternary-balanced Fe3O4/Fe3N/Fe-N-C@PC as a high-performance electrocatalyst for the oxygen reduction reaction. *Science China Materials*,1	7.1	8