

Yingzhi Li

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29
papers

1,399
citations

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29
ext. papers

1,709
ext. citations

8.5
avg, IF

4.56
L-index

#	Paper	IF	Citations
29	Facile preparation and enhanced capacitance of the polyaniline/sodium alginate nanofiber network for supercapacitors. <i>Langmuir</i> , 2011 , 27, 6458-63	4	235
28	Free-standing three-dimensional graphene and polyaniline nanowire arrays hybrid foams for high-performance flexible and lightweight supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14413-14420	13	192
27	Alternate Multilayer Films of Poly(vinyl alcohol) and Exfoliated Graphene Oxide Fabricated via a Facial Layer-by-Layer Assembly. <i>Macromolecules</i> , 2010 , 43, 9411-9416	5.5	184
26	Tunable Redox Chemistry and Stability of Radical Intermediates in 2D Covalent Organic Frameworks for High Performance Sodium Ion Batteries. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9623-9628	16.4	158
25	Oriented arrays of polyaniline nanorods grown on graphite nanosheets for an electrochemical supercapacitor. <i>Langmuir</i> , 2013 , 29, 493-500	4	130
24	High strength polyimide fibers with functionalized graphene. <i>Polymer</i> , 2013 , 54, 6415-6424	3.9	76
23	Nitrogen-Doped Carbon Membrane Derived from Polyimide as Free-Standing Electrodes for Flexible Supercapacitors. <i>Small</i> , 2015 , 11, 3476-84	11	54
22	Enhanced electrochemical performance of polyaniline/sulfonated polyhedral oligosilsesquioxane nanocomposites with porous and ordered hierarchical nanostructure. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1884-1892		54
21	Flexible Membrane Consisting of MoP Ultrafine Nanoparticles Highly Distributed Inside N and P Codoped Carbon Nanofibers as High-Performance Anode for Potassium-Ion Batteries. <i>Small</i> , 2020 , 16, e1905301	11	51
20	High-Performance Sodium-Ion Batteries Based on Nitrogen-Doped Mesoporous Carbon Spheres with Ultrathin Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2970-2977	9.5	51
19	A top-down approach for fabricating free-standing bio-carbon supercapacitor electrodes with a hierarchical structure. <i>Scientific Reports</i> , 2015 , 5, 14155	4.9	36
18	Hierarchical multicarbonyl polyimide architectures as promising anode active materials for high-performance lithium/sodium ion batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 19112-19119	13	31
17	Freestanding composite electrodes of MnOx embedded carbon nanofibers for high-performance supercapacitors. <i>RSC Advances</i> , 2014 , 4, 39087	3.7	26
16	Benzoquinone-Based Polyimide Derivatives as High-Capacity and Stable Organic Cathodes for Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 807-817	9.5	26
15	Solid electrolyte interface stabilization via surface oxygen species functionalization in hard carbon for superior performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 3606-3612	13	21
14	Dextran Sulfate Lithium as Versatile Binder to Stabilize High-Voltage LiCoO ₂ to 4.6 V. <i>Advanced Energy Materials</i> , 2021 , 11, 2101864	21.8	17
13	Revealing Mechanism of Li ₃ PO ₄ Coating Suppressed Surface Oxygen Release for Commercial Ni-Rich Layered Cathodes. <i>ACS Applied Energy Materials</i> , 2020 , 3, 7445-7455	6.1	15

12	Iron polyphthalocyanine-derived ternary-balanced Fe ₃ O ₄ /Fe ₃ N/Fe-N-C@PC as a high-performance electrocatalyst for the oxygen reduction reaction. <i>Science China Materials</i> , 1	7.1	8
11	Selective edge etching to improve the rate capability of Prussian blue analogues for sodium ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1361-1366	6.8	7
10	Suppressing Continuous Volume Expansion of Si Nanoparticles by an Artificial Solid Electrolyte Interphase for High-Performance Lithium-Ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8059-8068	8.3	6
9	Insights into the chemical and structural evolution of Li-rich layered oxide cathode materials. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 127-140	6.8	6
8	Ternary Transition Metal Sulfide as High Real Energy Cathode for Lithium-Sulfur Pouch Cell Under Lean Electrolyte Conditions.. <i>Small Methods</i> , 2022, 6, e2101402	12.8	4
7	Redox of naphthalenediimide radicals in a 3D polyimide for stable Li-ion batteries. <i>Chemical Communications</i> , 2021, 57, 7810-7813	5.8	4
6	3D Macroporous Nitrogen-doped Graphene Frameworks for High-Performance Supercapacitors. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1644, 1		2
5	Coupling a Three-Dimensional Nanopillar and Robust Film to Guide Li-Ion Flux for Dendrite-Free Lithium Metal Anodes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 45416-45425	9.5	2
4	Oxidation State as a Descriptor in Oxygen Reduction Electrocatalysis. <i>CCS Chemistry</i> , 1-12	7.2	1
3	Revealing the catalytic pathway of a quinone-mediated oxygen reduction reaction in aprotic Li-O batteries.. <i>Chemical Communications</i> , 2021,	5.8	1
2	Single copper sites dispersed on defective TiO as a synergistic oxygen reduction reaction catalyst. <i>Journal of Chemical Physics</i> , 2021, 154, 034705	3.9	1
1	Enhanced Capacitive Properties of Manganese Dioxide Nanowires Coating with Polyaniline by in situ Polymerization. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1659, 163-168		