

Jiantao Li

List of Publications by Year in Descending Order

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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.

38
papers

3,654
citations

25
h-index

39
g-index

39
ext. papers

4,633
ext. citations

13.7
avg, IF

5.43
L-index

#	Paper	IF	Citations
38	Ligand Modulation of Active Sites to Promote Electrocatalytic Oxygen Evolution.. <i>Advanced Materials</i> , 2022 , e2200270	24	16
37	Oxygen-Plasma-Induced Hetero-Interface NiFe ₂ O ₄ /NiMoO ₄ Catalyst for Enhanced Electrochemical Oxygen Evolution. <i>Materials</i> , 2022 , 15, 3688	3.5	
36	Coordination engineering of metal single atom on carbon for enhanced and robust potassium storage. <i>Matter</i> , 2021 ,	12.7	14
35	Isolated copper-tin atomic interfaces tuning electrocatalytic CO conversion. <i>Nature Communications</i> , 2021 , 12, 1449	17.4	36
34	Quicker and More Zn Storage Predominantly from the Interface. <i>Advanced Materials</i> , 2021 , 33, e2100352	24	35
33	Understanding the Effect of Solid Electrocatalysts on Achieving Highly Energy-Efficient Lithium-Oxygen Batteries. <i>Advanced Energy and Sustainability Research</i> , 2021 , 2, 2100045	1.6	0
32	Ni/Fe based bimetallic coordination complexes with rich active sites for efficient oxygen evolution reaction. <i>Chemical Engineering Journal</i> , 2021 , 405, 126959	14.7	18
31	Unexpected discovery of magnesium-vanadium spinel oxide containing extractable Mg ²⁺ as a high-capacity cathode material for magnesium ion batteries. <i>Chemical Engineering Journal</i> , 2021 , 405, 127005	14.7	11
30	Correlating Catalyst Design and Discharged Product to Reduce Overpotential in Li-CO Batteries. <i>Small</i> , 2021 , 17, e2007760	11	8
29	Hierarchical N-doped carbon spheres anchored with cobalt nanocrystals and single atoms for oxygen reduction reaction. <i>Nano Energy</i> , 2021 , 87, 106153	17.1	19
28	Understanding the Role of Lithium Iodide in Lithium-Oxygen Batteries. <i>Advanced Materials</i> , 2021 , e2106148	14.8	7
27	Cobalt decorated nitrogen-doped carbon bowls as efficient electrocatalysts for the oxygen reduction reaction. <i>Chemical Communications</i> , 2020 , 56, 4488-4491	5.8	21
26	Universal Approach to Fabricating Graphene-Supported Single-Atom Catalysts from Doped ZnO Solid Solutions. <i>ACS Central Science</i> , 2020 , 6, 1431-1440	16.8	42
25	Advances in metal-organic framework coatings: versatile synthesis and broad applications. <i>Chemical Society Reviews</i> , 2020 , 49, 3142-3186	58.5	167
24	Upraising the O 2p Orbital by Integrating Ni with MoO ₂ for Accelerating Hydrogen Evolution Kinetics. <i>ACS Catalysis</i> , 2019 , 9, 2275-2285	13.1	103
23	Boosting oxygen reduction activity with low-temperature derived high-loading atomic cobalt on nitrogen-doped graphene for efficient Zn-air batteries. <i>Chemical Communications</i> , 2019 , 55, 334-337	5.8	25
22	Copper-Nickel Nitride Nanosheets as Efficient Bifunctional Catalysts for Hydrazine-Assisted Electrolytic Hydrogen Production. <i>Advanced Energy Materials</i> , 2019 , 9, 1900390	21.8	128

21	Vanadium Oxide Pillared by Interlayer Mg ²⁺ Ions and Water as Ultralong-Life Cathodes for Magnesium-Ion Batteries. <i>CheM</i> , 2019 , 5, 1194-1209	16.2	100
20	Low-Crystalline Bimetallic Metal-Organic Framework Electrocatalysts with Rich Active Sites for Oxygen Evolution. <i>ACS Energy Letters</i> , 2019 , 4, 285-292	20.1	150
19	Realizing Three-Electron Redox Reactions in NASICON-Structured Na ₃ MnTi(PO ₄) ₃ for Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1803436	21.8	89
18	Hierarchical Bimetallic Selenide Nanosheet-Constructed Nanotubes for Efficient Electrocatalytic Water Oxidation. <i>ChemElectroChem</i> , 2019 , 6, 331-335	4.3	11
17	Porous nitrogen-doped carbon/MnO coaxial nanotubes as an efficient sulfur host for lithium sulfur batteries. <i>Nano Research</i> , 2019 , 12, 205-210	10	35
16	Oxygen Vacancy-Determined Highly Efficient Oxygen Reduction in NiCoO/Hollow Carbon Spheres. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 16410-16417	9.5	88
15	Highly Durable NaVO ₂ ·0.63H ₂ O Nanowire Cathode for Aqueous Zinc-Ion Battery. <i>Nano Letters</i> , 2018 , 18, 1758-1763	11.5	403
14	High-Performance Na-O Batteries Enabled by Oriented NaO Nanowires as Discharge Products. <i>Nano Letters</i> , 2018 , 18, 3934-3942	11.5	27
13	Ni foam supported NiO nanosheets as high-performance free-standing electrodes for hybrid supercapacitors and Ni/Zn batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 19488-19494	13	57
12	Polyoxomolybdate-derived carbon-encapsulated multicomponent electrocatalysts for synergistically boosting hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 17874-17881	13	23
11	Low-crystalline iron oxide hydroxide nanoparticle anode for high-performance supercapacitors. <i>Nature Communications</i> , 2017 , 8, 14264	17.4	452
10	General Oriented Formation of Carbon Nanotubes from Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8212-8221	16.4	598
9	Mass Production of Monodisperse Carbon Microspheres with Size-Dependent Supercapacitor Performance via Aqueous Self-Catalyzed Polymerization. <i>ChemPlusChem</i> , 2017 , 82, 872-878	2.8	35
8	Facet-Selective Deposition of FeO on HfMoO Nanobelts for Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 39425-39431	9.5	33
7	Zn/VO Aqueous Hybrid-Ion Battery with High Voltage Platform and Long Cycle Life. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 42717-42722	9.5	293
6	General Oriented Synthesis of Precise Carbon-Confined Nanostructures by Low-Pressure Vapor Superassembly and Controlled Pyrolysis. <i>Nano Letters</i> , 2017 , 17, 7773-7781	11.5	46
5	Metal-organic framework derived carbon-confined NiP nanocrystals supported on graphene for an efficient oxygen evolution reaction. <i>Chemical Communications</i> , 2017 , 53, 8372-8375	5.8	147
4	A Crystalline/Amorphous Cobalt(II,III) Oxide Hybrid Electrocatalyst for Lithium-Air Batteries. <i>Energy Technology</i> , 2017 , 5, 568-579	3.5	11

3	Interface-modulated approach toward multilevel metal oxide nanotubes for lithium-ion batteries and oxygen reduction reaction. <i>Nano Research</i> , 2016 , 9, 2445-2457	10	32
2	All-flexible lithium ion battery based on thermally-etched porous carbon cloth anode and cathode. <i>Nano Energy</i> , 2016 , 26, 446-455	17.1	147
1	Porous Nickel-Iron Selenide Nanosheets as Highly Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19386-92	9.5	225