

# Jiantao Li

## 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.

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	General Oriented Formation of Carbon Nanotubes from Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 8212-8221	16.4	598
37	Low-crystalline iron oxide hydroxide nanoparticle anode for high-performance supercapacitors. <i>Nature Communications</i> , <b>2017</b> , 8, 14264	17.4	452
36	Highly Durable NaVO <sub>2</sub> ·0.63H <sub>2</sub> O Nanowire Cathode for Aqueous Zinc-Ion Battery. <i>Nano Letters</i> , <b>2018</b> , 18, 1758-1763	11.5	403
35	Zn/VO Aqueous Hybrid-Ion Battery with High Voltage Platform and Long Cycle Life. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 42717-42722	9.5	293
34	Porous Nickel-Iron Selenide Nanosheets as Highly Efficient Electrocatalysts for Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 19386-92	9.5	225
33	Advances in metal-organic framework coatings: versatile synthesis and broad applications. <i>Chemical Society Reviews</i> , <b>2020</b> , 49, 3142-3186	58.5	167
32	Low-Crystalline Bimetallic Metal-Organic Framework Electrocatalysts with Rich Active Sites for Oxygen Evolution. <i>ACS Energy Letters</i> , <b>2019</b> , 4, 285-292	20.1	150
31	All-flexible lithium ion battery based on thermally-etched porous carbon cloth anode and cathode. <i>Nano Energy</i> , <b>2016</b> , 26, 446-455	17.1	147
30	Metal-organic framework derived carbon-confined NiP nanocrystals supported on graphene for an efficient oxygen evolution reaction. <i>Chemical Communications</i> , <b>2017</b> , 53, 8372-8375	5.8	147
29	Copper-Nickel Nitride Nanosheets as Efficient Bifunctional Catalysts for Hydrazine-Assisted Electrolytic Hydrogen Production. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1900390	21.8	128
28	Upraising the O 2p Orbital by Integrating Ni with MoO <sub>2</sub> for Accelerating Hydrogen Evolution Kinetics. <i>ACS Catalysis</i> , <b>2019</b> , 9, 2275-2285	13.1	103
27	Vanadium Oxide Pillared by Interlayer Mg <sup>2+</sup> Ions and Water as Ultralong-Life Cathodes for Magnesium-Ion Batteries. <i>Chem</i> , <b>2019</b> , 5, 1194-1209	16.2	100
26	Realizing Three-Electron Redox Reactions in NASICON-Structured Na <sub>3</sub> MnTi(PO <sub>4</sub> ) <sub>3</sub> for Sodium-Ion Batteries. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1803436	21.8	89
25	Oxygen Vacancy-Determined Highly Efficient Oxygen Reduction in NiCoO/Hollow Carbon Spheres. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 16410-16417	9.5	88
24	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> , <b>2018</b> , 6, 19488-19494	13	57
23	General Oriented Synthesis of Precise Carbon-Confined Nanostructures by Low-Pressure Vapor Superassembly and Controlled Pyrolysis. <i>Nano Letters</i> , <b>2017</b> , 17, 7773-7781	11.5	46
22	Universal Approach to Fabricating Graphene-Supported Single-Atom Catalysts from Doped ZnO Solid Solutions. <i>ACS Central Science</i> , <b>2020</b> , 6, 1431-1440	16.8	42

21	Isolated copper-tin atomic interfaces tuning electrocatalytic CO conversion. <i>Nature Communications</i> , <b>2021</b> , 12, 1449	17.4	36
20	Mass Production of Monodisperse Carbon Microspheres with Size-Dependent Supercapacitor Performance via Aqueous Self-Catalyzed Polymerization. <i>ChemPlusChem</i> , <b>2017</b> , 82, 872-878	2.8	35
19	Quicker and More Zn Storage Predominantly from the Interface. <i>Advanced Materials</i> , <b>2021</b> , 33, e2100359	2.4	35
18	Porous nitrogen-doped carbon/MnO coaxial nanotubes as an efficient sulfur host for lithium sulfur batteries. <i>Nano Research</i> , <b>2019</b> , 12, 205-210	10	35
17	Facet-Selective Deposition of FeO on HMoO Nanobelts for Lithium Storage. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 39425-39431	9.5	33
16	Interface-modulated approach toward multilevel metal oxide nanotubes for lithium-ion batteries and oxygen reduction reaction. <i>Nano Research</i> , <b>2016</b> , 9, 2445-2457	10	32
15	High-Performance Na-O Batteries Enabled by Oriented NaO Nanowires as Discharge Products. <i>Nano Letters</i> , <b>2018</b> , 18, 3934-3942	11.5	27
14	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> , <b>2019</b> , 55, 334-337	5.8	25
13	Polyoxomolybdate-derived carbon-encapsulated multicomponent electrocatalysts for synergistically boosting hydrogen evolution. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 17874-17881	13	23
12	Cobalt decorated nitrogen-doped carbon bowls as efficient electrocatalysts for the oxygen reduction reaction. <i>Chemical Communications</i> , <b>2020</b> , 56, 4488-4491	5.8	21
11	Hierarchical N-doped carbon spheres anchored with cobalt nanocrystals and single atoms for oxygen reduction reaction. <i>Nano Energy</i> , <b>2021</b> , 87, 106153	17.1	19
10	Ni/Fe based bimetallic coordination complexes with rich active sites for efficient oxygen evolution reaction. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 126959	14.7	18
9	Ligand Modulation of Active Sites to Promote Electrocatalytic Oxygen Evolution.. <i>Advanced Materials</i> , <b>2022</b> , e2200270	24	16
8	Coordination engineering of metal single atom on carbon for enhanced and robust potassium storage. <i>Matter</i> , <b>2021</b> ,	12.7	14
7	A Crystalline/Amorphous Cobalt(II,III) Oxide Hybrid Electrocatalyst for Lithium-Air Batteries. <i>Energy Technology</i> , <b>2017</b> , 5, 568-579	3.5	11
6	Hierarchical Bimetallic Selenide Nanosheet-Constructed Nanotubes for Efficient Electrocatalytic Water Oxidation. <i>ChemElectroChem</i> , <b>2019</b> , 6, 331-335	4.3	11
5	Unexpected discovery of magnesium-vanadium spinel oxide containing extractable Mg <sup>2+</sup> as a high-capacity cathode material for magnesium ion batteries. <i>Chemical Engineering Journal</i> , <b>2021</b> , 405, 127005	14.7	11
4	Correlating Catalyst Design and Discharged Product to Reduce Overpotential in Li-CO Batteries. <i>Small</i> , <b>2021</b> , 17, e2007760	11	8

- 3 Understanding the Role of Lithium Iodide in Lithium-Oxygen Batteries. *Advanced Materials*, **2021**, e2106148 7
- 2 Understanding the Effect of Solid Electrocatalysts on Achieving Highly Energy-Efficient Lithium-Oxygen Batteries. *Advanced Energy and Sustainability Research*, **2021**, 2, 2100045 1.6 0
- 1 Oxygen-Plasma-Induced Hetero-Interface NiFe<sub>2</sub>O<sub>4</sub>/NiMoO<sub>4</sub> Catalyst for Enhanced Electrochemical Oxygen Evolution. *Materials*, **2022**, 15, 3688 3.5