

# Minchan Li

## List of Publications by Year in descending order

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24  
papers

1,514  
citations

331642

21  
h-index

580810

25  
g-index

25  
all docs

25  
docs citations

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times ranked

2808  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	13.7	276
2	Highly durable organic electrode for sodium-ion batteries via a stabilized $\dot{\text{I}}\pm\text{-C}$ radical intermediate. <i>Nature Communications</i> , 2016, 7, 13318.	12.8	226
3	Toward Two-Dimensional $\dot{\text{I}}\pm\text{-C}$ Conjugated Covalent Organic Radical Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8007-8011.	13.8	140
4	Bimetallic organic frameworks derived CuNi/carbon nanocomposites as efficient electrocatalysts for oxygen reduction reaction. <i>Science China Materials</i> , 2017, 60, 654-663.	6.3	110
5	Facile electrodeposition of 3D concentration-gradient Ni-Co hydroxide nanostructures on nickel foam as high performance electrodes for asymmetric supercapacitors. <i>Nano Research</i> , 2015, 8, 2744-2754.	10.4	90
6	Failure Mechanism and Interface Engineering for NASICON-Structured All-Solid-State Lithium Metal Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 20895-20904.	8.0	83
7	Large-scale fabrication of porous carbon-decorated iron oxide microcuboids from Fe-MOF as high-performance anode materials for lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 7356-7362.	3.6	57
8	Thermal and compositional driven relaxor ferroelectric behaviours of lead-free $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-SrTiO}_3$ ceramics. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2411-2418.	5.5	54
9	Recent advances of bismuth based anode materials for sodium-ion batteries. <i>Materials Technology</i> , 2018, 33, 563-573.	3.0	50
10	Lamellarly Stacking Porous N, P Co-Doped $\text{Mo}_2\text{C/C}$ Nanosheets as High Performance Anode for Lithium-Ion Batteries. <i>Small</i> , 2019, 15, e1805022.	10.0	43
11	Low-Cost and Novel Si-Based Gel for Li-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 10699-10707.	8.0	42
12	MoC ultrafine nanoparticles confined in porous graphitic carbon as extremely stable anode materials for lithium- and sodium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 289-295.	6.0	42
13	Supramolecular hydrogel directed self-assembly of C- and N-doped hollow CuO as high-performance anode materials for Li-ion batteries. <i>Chemical Communications</i> , 2017, 53, 2138-2141.	4.1	41
14	Electrospun Nitrogen-Doped Carbon Nanofibers Encapsulating Cobalt Nanoparticles as Efficient Oxygen Reduction Reaction Catalysts. <i>ChemElectroChem</i> , 2016, 3, 1437-1445.	3.4	35
15	Synergistic Effects of C/ $\dot{\text{I}}\pm\text{-MoC}$ and Ag for Efficient Oxygen Reduction Reaction. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 779-784.	4.6	33
16	Binder-free hydrogenated NiO-CoO hybrid electrodes for high performance supercapacitors. <i>RSC Advances</i> , 2015, 5, 31725-31731.	3.6	31
17	Facile synthesis of ultrathin $\text{MoS}_2\text{/C}$ nanosheets for use in sodium-ion batteries. <i>RSC Advances</i> , 2017, 7, 285-289.	3.6	30
18	Porous graphitic carbon prepared from the catalytic carbonization of Mo-containing resin for supercapacitors. <i>RSC Advances</i> , 2014, 4, 13518.	3.6	29

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19	Encapsulated MnO in N-doping carbon nanofibers as efficient ORR electrocatalysts. <i>Science China Materials</i> , 2017, 60, 937-946.	6.3	27
20	Cobalt-Vanadium Hydroxide Nanoneedles with a Free-Standing Structure as High-Performance Oxygen Evolution Reaction Electrocatalysts. <i>ChemElectroChem</i> , 2019, 6, 2050-2055.	3.4	24
21	Toward Two-Dimensional Conjugated Covalent Organic Radical Frameworks. <i>Angewandte Chemie</i> , 2018, 130, 8139-8143.	2.0	22
22	Ultrathin BiOX (X = Cl, Br, I) Nanosheets as Al-air Battery Catalysts. <i>Electrochimica Acta</i> , 2017, 249, 413-420.	5.2	11
23	Ultrafine N-doped carbon nanoparticles with controllable size to enhance electrocatalytic activity for oxygen reduction reaction. <i>RSC Advances</i> , 2016, 6, 110758-110764.	3.6	10
24	Single copper sites dispersed on defective TiO <sub>2</sub> ·x as a synergistic oxygen reduction reaction catalyst. <i>Journal of Chemical Physics</i> , 2021, 154, 034705.	3.0	7