

Qingxue Lai

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,503
citations

758635

12
h-index

676716

22
g-index

23
all docs

23
docs citations

23
times ranked

2563
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic-Framework-Derived Fe-N/C Electrocatalyst with Five-Coordinated Fe-N Sites for Advanced Oxygen Reduction in Acid Media. ACS Catalysis, 2017, 7, 1655-1663.	5.5	483
2	In Situ Confinement Pyrolysis Transformation of ZIF-8 to Nitrogen-Enriched Meso-Microporous Carbon Frameworks for Oxygen Reduction. Advanced Functional Materials, 2016, 26, 8334-8344.	7.8	281
3	MOF-Based Metal-Doping-Induced Synthesis of Hierarchical Porous Cu ₂ N/C Oxygen Reduction Electrocatalysts for Zn-Air Batteries. Small, 2017, 13, 1700740.	5.2	170
4	Optimal Configuration of N-Doped Carbon Defects in 2D Turbostratic Carbon Nanomesh for Advanced Oxygen Reduction Electrocatalysis. Angewandte Chemie - International Edition, 2020, 59, 11999-12006.	7.2	121
5	Controllable Construction of Core-Shell Polymer@Zeolitic Imidazolate Frameworks Fiber Derived Heteroatom-Doped Carbon Nanofiber Network for Efficient Oxygen Electrocatalysis. Small, 2018, 14, e1704207.	5.2	99
6	Interconnected Hierarchically Porous Fe, N-Codoped Carbon Nanofibers as Efficient Oxygen Reduction Catalysts for Zn-Air Batteries. ACS Applied Materials & Interfaces, 2017, 9, 16178-16186.	4.0	94
7	In Situ Self-Sacrificed Template Synthesis of Fe-N/C Catalysts for Enhanced Oxygen Reduction. ACS Applied Materials & Interfaces, 2015, 7, 18170-18178.	4.0	56
8	Bottom-up synthesis of high-performance nitrogen-enriched transition metal/graphene oxygen reduction electrocatalysts both in alkaline and acidic solution. Nanoscale, 2015, 7, 14707-14714.	2.8	29
9	Atomic-Scale Dispersed Fe-Based Catalysts Confined on Nitrogen-Doped Graphene for Li-S Batteries: Polysulfides with Enhanced Conversion Efficiency. Chemistry - A European Journal, 2020, 26, 10314-10320.	1.7	24
10	In Situ ZnO-Activated Hierarchical Porous Carbon Nanofibers as Self-Standing Electrodes for Flexible Zn-Air Batteries. ACS Sustainable Chemistry and Engineering, 2019, 7, 17817-17824.	3.2	22
11	Surface reconstruction of Ni doped Co-Fe Prussian blue analogues for enhanced oxygen evolution. Catalysis Science and Technology, 2021, 11, 1110-1115.	2.1	22
12	Optimal Configuration of N-Doped Carbon Defects in 2D Turbostratic Carbon Nanomesh for Advanced Oxygen Reduction Electrocatalysis. Angewandte Chemie, 2020, 132, 12097-12104.	1.6	21
13	Balance of N-Doping Engineering and Carbon Chemistry to Expose Edge Graphitic N Sites for Enhanced Oxygen Reduction Electrocatalysis. ACS Applied Materials & Interfaces, 2021, 13, 61129-61138.	4.0	14
14	Stepwise Fabrication of Co-Embedded Porous Multichannel Carbon Nanofibers for High-Efficiency Oxygen Reduction. Nano-Micro Letters, 2019, 11, 33.	14.4	12
15	Transformation of ZIF-8 nanoparticles into 3D nitrogen-doped hierarchically porous carbon for Li-S batteries. RSC Advances, 2020, 10, 17345-17352.	1.7	12
16	Schiff-base polymer derived nitrogen-rich microporous carbon spheres synthesized by molten-salt route for high-performance supercapacitors. RSC Advances, 2015, 5, 60956-60961.	1.7	11
17	Mo Vacancies Defect Engineering of One-Dimensional Porous Mo ₂ C Nanowires for Enhanced High-Efficiency Hydrogen Evolution. ChemCatChem, 0, , .	1.8	11
18	Edge reconfiguration of N, P-codoped carbon boosts oxygen reduction electrocatalysis. Journal of Materials Science, 2021, 56, 19577-19588.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Thorn-Like Carbon Nanofibers Combined with Molybdenum Nitride Nanosheets as a Modified Separator Coating: An Efficient Chemical Anchor and Catalyst for Li ⁺ S Batteries. ACS Applied Energy Materials, 2022, 5, 6654-6662.	2.5	5
20	Controllable Fabrication of Core-Shell Co ₉ S ₈ /Co Embedded on Multi-Channel Carbon Nanofibers as Efficient Oxygen Electrocatalysts for Rechargeable Zn-Air Batteries. ChemElectroChem, 2021, 8, 3311-3317.	1.7	4
21	Nitrogen-doped multi-channel carbon nanofibers incorporated with nickel nanoparticles as a multifunctional modification layer of the separator for ultra stable Li ⁺ S batteries. New Journal of Chemistry, 2021, 45, 9472-9477.	1.4	3
22	In-situ activation/dedoping induced defective carbon sponge for enhanced oxygen reduction electrocatalysis. ChemElectroChem, 2021, 8, 4781.	1.7	2
23	Electrocatalysts: MOF-Based Metal-Doping-Induced Synthesis of Hierarchical Porous Cu ₂ N/C Oxygen Reduction Electrocatalysts for Zn-Air Batteries (Small 30/2017). Small, 2017, 13, .	5.2	1