Fang Luo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6886432/publications.pdf

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10	1,819	933447 10	1372567 10
papers	citations	h-index	g-index

10	10	10	2703
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Surface site density and utilization of platinum group metal (PGM)-free Feâ€“NC and FeNiâ€“NC electrocatalysts for the oxygen reduction reaction. Chemical Science, 2021, 12, 384-396.	7.4	40
2	Advancements in cathode catalyst and cathode layer design for proton exchange membrane fuel cells. Nature Communications, 2021, 12, 5984.	12.8	120
3	P-block single-metal-site tin/nitrogen-doped carbon fuel cell cathode catalyst for oxygen reduction reaction. Nature Materials, 2020, 19, 1215-1223.	27.5	278
4	Efficient CO₂ to CO electrolysis on solid Niâ€“Nâ€“C catalysts at industrial current densities. Energy and Environmental Science, 2019, 12, 640-647.	30.8	357
5	Unraveling Mechanistic Reaction Pathways of the Electrochemical CO₂ Reduction on Feâ€“Nâ€“C Single-Site Catalysts. ACS Energy Letters, 2019, 4, 1663-1671.	17.4	138
6	Accurate Evaluation of Active-Site Density (SD) and Turnover Frequency (TOF) of PGM-Free Metalâ€“Nitrogen-Doped Carbon (MNC) Electrocatalysts using CO Cryo Adsorption. ACS Catalysis, 2019, 9, 4841-4852.	11.2	79
7	Deconvolution of Utilization, Site Density, and Turnover Frequency of Feâ€“Nitrogenâ€“Carbon Oxygen Reduction Reaction Catalysts Prepared with Secondary N-Precursors. ACS Catalysis, 2018, 8, 1640-1647.	11.2	126
8	The chemical identity, state and structure of catalytically active centers during the electrochemical CO₂ reduction on porous Feâ€“nitrogenâ€“carbon (Feâ€“Nâ€“C) materials. Chemical Science, 2018, 9, 5064-5073.	7.4	128
9	The Achilles' heel of iron-based catalysts during oxygen reduction in an acidic medium. Energy and Environmental Science, 2018, 11, 3176-3182.	30.8	332
10	An efficient bifunctional two-component catalyst for oxygen reduction and oxygen evolution in reversible fuel cells, electrolyzers and rechargeable air electrodes. Energy and Environmental Science, 2016, 9, 2020-2024.	30.8	221