

Nathan T Nesbitt

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizing CO ₂ Reduction Catalysts on Gas Diffusion Electrodes: Comparing Activity, Selectivity, and Stability of Transition Metal Catalysts. ACS Applied Energy Materials, 2022, 5, 5983-5994.	5.1	23
2	Orientation of a bipolar membrane determines the dominant ion and carbonic species transport in membrane electrode assemblies for CO ₂ reduction. Journal of Materials Chemistry A, 2021, 9, 11179-11186.	10.3	40
3	Operando Topography and Mechanical Property Mapping of CO ₂ Reduction Gas-Diffusion Electrodes Operating at High Current Densities. Journal of the Electrochemical Society, 2021, 168, 044505.	2.9	9
4	Water and Solute Activities Regulate CO ₂ Reduction in Gas-Diffusion Electrodes. Journal of Physical Chemistry C, 2021, 125, 13085-13095.	3.1	15
5	Facile fabrication and formation mechanism of aluminum nanowire arrays. Nanotechnology, 2020, 31, 095301.	2.6	1
6	Liquid-Solid Boundaries Dominate Activity of CO ₂ Reduction on Gas-Diffusion Electrodes. ACS Catalysis, 2020, 10, 14093-14106.	11.2	114
7	Copper and silver gas diffusion electrodes performing CO ₂ reduction studied through <i>operando</i> X-ray absorption spectroscopy. Catalysis Science and Technology, 2020, 10, 5870-5885.	4.1	13
8	Electrochemical CO ₂ Reduction Over Bimetallic Au-Sn Thin Films: Comparing Activity and Selectivity against Morphological, Compositional, and Electronic Differences. Journal of Physical Chemistry C, 2020, 124, 14573-14580.	3.1	9
9	On-Chip Electrochemical Detection of Cholera Using a Polypyrrole-Functionalized Dendritic Gold Sensor. ACS Sensors, 2019, 4, 654-659.	7.8	27
10	Au Dendrite Electrocatalysts for CO ₂ Electrolysis. Journal of Physical Chemistry C, 2018, 122, 10006-10016.	3.1	30
11	A Review: Methods To Fabricate Vertically Oriented Metal Nanowire Arrays. Industrial & Engineering Chemistry Research, 2017, 56, 10949-10957.	3.7	11
12	Wireless communication system via nanoscale plasmonic antennas. Scientific Reports, 2016, 6, 31710.	3.3	38
13	Aluminum Nanowire Arrays via Directed Assembly. Nano Letters, 2015, 15, 7294-7299.	9.1	14