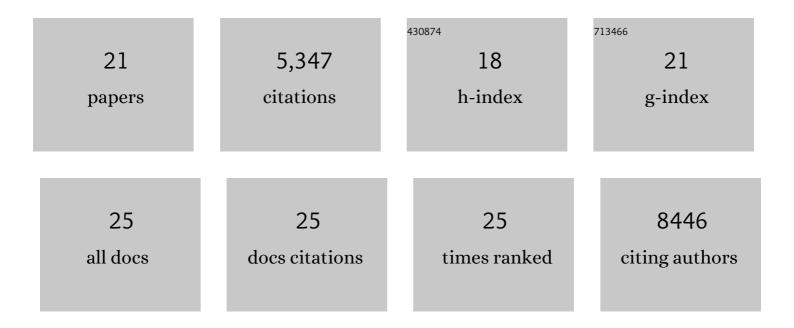
Carlos Gilberto Morales-Guio

List of Publications by Year in descending order

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CARLOS GILBERTO

#	Article	IF	CITATIONS
1	Gastight rotating cylinder electrode: Toward decoupling mass transport and intrinsic kinetics in electrocatalysis. AICHE Journal, 2022, 68, .	3.6	21
2	Machine Learning-Based Operational Modeling of an Electrochemical Reactor: Handling Data Variability and Improving Empirical Models. Industrial & Engineering Chemistry Research, 2022, 61, 8399-8410.	3.7	11
3	Guiding the Catalytic Properties of Copper for Electrochemical CO ₂ Reduction by Metal Atom Decoration. ACS Applied Materials & Interfaces, 2021, 13, 52044-52054.	8.0	16
4	Recent advances in the electrochemical production of chemicals from methane. Current Opinion in Electrochemistry, 2021, 30, 100793.	4.8	11
5	Double layer charging driven carbon dioxide adsorption limits the rate of electrochemical carbon dioxide reduction on Gold. Nature Communications, 2020, 11, 33.	12.8	188
6	Selective reduction of CO to acetaldehyde with CuAg electrocatalysts. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12572-12575.	7.1	85
7	Combined Experimental and Multi-Scale Modeling Approach to the Development of Electrocatalysts with Improved CO2 Reduction Activity Towards C2+ Alcohols. ECS Meeting Abstracts, 2020, MA2020-02, 1469-1469.	0.0	0
8	Electrochemical Direct Partial Oxidation of Methane to Methanol. Joule, 2019, 3, 2589-2593.	24.0	58
9	Electrochemically converting carbon monoxide to liquid fuels by directing selectivity with electrode surface area. Nature Catalysis, 2019, 2, 702-708.	34.4	170
10	Guiding Electrochemical Carbon Dioxide Reduction toward Carbonyls Using Copper Silver Thin Films with Interphase Miscibility. ACS Energy Letters, 2018, 3, 2947-2955.	17.4	75
11	Improved CO2 reduction activity towards C2+ alcohols on a tandem gold on copper electrocatalyst. Nature Catalysis, 2018, 1, 764-771.	34.4	501
12	Electrochemical Carbon Monoxide Reduction on Polycrystalline Copper: Effects of Potential, Pressure, and pH on Selectivity toward Multicarbon and Oxygenated Products. ACS Catalysis, 2018, 8, 7445-7454.	11.2	305
13	Photoelectrochemical deposition of CoP on cuprous oxide photocathodes for solar hydrogen production. Electrochimica Acta, 2017, 235, 311-316.	5.2	24
14	Oxidatively Electrodeposited Thin-Film Transition Metal (Oxy)hydroxides as Oxygen Evolution Catalysts. Journal of the American Chemical Society, 2016, 138, 8946-8957.	13.7	376
15	Photoelectrochemical Hydrogen Production in Alkaline Solutions Using Cu ₂ O Coated with Earthâ€Abundant Hydrogen Evolution Catalysts. Angewandte Chemie - International Edition, 2015, 54, 664-667.	13.8	134
16	An Optically Transparent Iron Nickel Oxide Catalyst for Solar Water Splitting. Journal of the American Chemical Society, 2015, 137, 9927-9936.	13.7	247
17	Solar Hydrogen Production by Amorphous Silicon Photocathodes Coated with a Magnetron Sputter Deposited Mo ₂ C Catalyst. Journal of the American Chemical Society, 2015, 137, 7035-7038.	13.7	80
18	Hydrogen evolution from a copper(I) oxide photocathode coated with an amorphous molybdenum sulphide catalyst. Nature Communications, 2014, 5, 3059.	12.8	418

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#	Article	IF	CITATIONS
19	Amorphous Molybdenum Sulfides as Hydrogen Evolution Catalysts. Accounts of Chemical Research, 2014, 47, 2671-2681.	15.6	529
20	Highly Selective Catalytic Reduction of Nitro- to Azoarenes under Ambient Conditions. Topics in Catalysis, 2014, 57, 1526-1532.	2.8	18
21	Nanostructured hydrotreating catalysts for electrochemical hydrogen evolution. Chemical Society Reviews, 2014, 43, 6555.	38.1	2,037