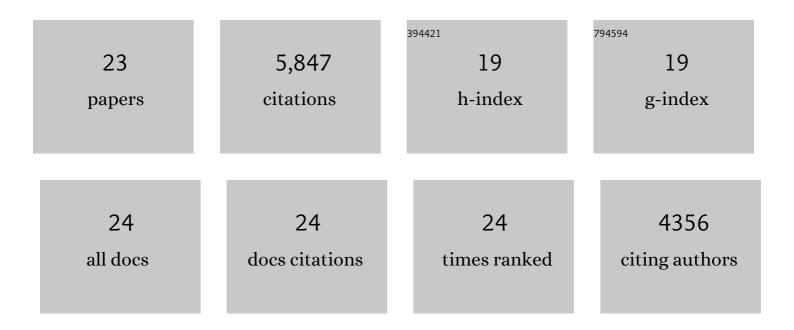
## Jonathan P Edwards

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A microchanneled solid electrolyte for carbon-efficient CO2 electrolysis. Joule, 2022, 6, 1333-1343.	24.0	51
2	Bipolar membrane electrolyzers enable high single-pass CO2 electroreduction to multicarbon products. Nature Communications, 2022, 13, .	12.8	81
3	(Digital Presentation) Assessing the Energy Intensity of Product Purification in CO <sub>2</sub> Electrolysis. ECS Meeting Abstracts, 2022, MA2022-01, 2445-2445.	0.0	0
4	Self-Cleaning CO <sub>2</sub> Reduction Systems: Unsteady Electrochemical Forcing Enables Stability. ACS Energy Letters, 2021, 6, 809-815.	17.4	159
5	Low coordination number copper catalysts for electrochemical CO2 methanation in a membrane electrode assembly. Nature Communications, 2021, 12, 2932.	12.8	97
6	Single Pass CO <sub>2</sub> Conversion Exceeding 85% in the Electrosynthesis of Multicarbon Products via Local CO <sub>2</sub> Regeneration. ACS Energy Letters, 2021, 6, 2952-2959.	17.4	155
7	Reducing the crossover of carbonate and liquid products during carbon dioxide electroreduction. Cell Reports Physical Science, 2021, 2, 100522.	5.6	38
8	Electroosmotic flow steers neutral products and enables concentrated ethanol electroproduction from CO2. Joule, 2021, 5, 2742-2753.	24.0	37
9	Downstream of the CO <sub>2</sub> Electrolyzer: Assessing the Energy Intensity of Product Separation. ACS Energy Letters, 2021, 6, 4405-4412.	17.4	53
10	Oxygen-tolerant electroproduction of C <sub>2</sub> products from simulated flue gas. Energy and Environmental Science, 2020, 13, 554-561.	30.8	113
11	Efficient electrocatalytic conversion of carbon dioxide in a low-resistance pressurized alkaline electrolyzer. Applied Energy, 2020, 261, 114305.	10.1	65
12	CO <sub>2</sub> electrolysis to multicarbon products at activities greater than 1 A cm <sup>â°'2</sup> . Science, 2020, 367, 661-666.	12.6	860
13	Molecular tuning of CO2-to-ethylene conversion. Nature, 2020, 577, 509-513.	27.8	682
14	Continuous Carbon Dioxide Electroreduction to Concentrated Multi-carbon Products Using a Membrane Electrode Assembly. Joule, 2019, 3, 2777-2791.	24.0	350
15	Electrochemical CO <sub>2</sub> Reduction into Chemical Feedstocks: From Mechanistic Electrocatalysis Models to System Design. Advanced Materials, 2019, 31, e1807166.	21.0	769
16	Efficient electrocatalytic conversion of carbon monoxide to propanol using fragmented copper. Nature Catalysis, 2019, 2, 251-258.	34.4	188
17	Efficient Electroreduction of CO2 in an Ultra-Slim Pressurized Electrolyzer. ECS Meeting Abstracts, 2019, , .	0.0	0
18	Carbon Dioxide Electroreduction to Multi-Carbon Products Using a Large-Scale Membrane Electrode Assembly. ECS Meeting Abstracts, 2019, , .	0.0	0

#	Article	IF	CITATIONS
19	Stable, High-Rate CO2 Electroreduction to Multi-Carbon Products in a Membrane Electrode Assembly System. ECS Meeting Abstracts, 2019, , .	0.0	Ο
20	Hydronium-Induced Switching between CO <sub>2</sub> Electroreduction Pathways. Journal of the American Chemical Society, 2018, 140, 3833-3837.	13.7	144
21	Copper adparticle enabled selective electrosynthesis of n-propanol. Nature Communications, 2018, 9, 4614.	12.8	153
22	CO <sub>2</sub> electroreduction to ethylene via hydroxide-mediated copper catalysis at an abrupt interface. Science, 2018, 360, 783-787.	12.6	1,638
23	Combined high alkalinity and pressurization enable efficient CO <sub>2</sub> electroreduction to CO. Energy and Environmental Science, 2018, 11, 2531-2539.	30.8	214