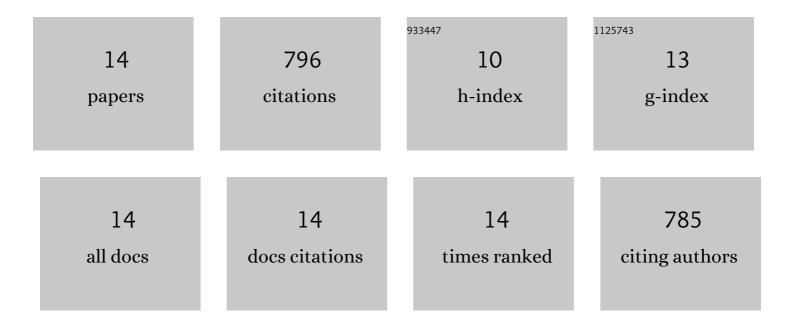
Lucas Q Flagg

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Polymer Crystallinity Controls Water Uptake in Glycol Side-Chain Polymer Organic Electrochemical Transistors. Journal of the American Chemical Society, 2019, 141, 4345-4354.	13.7	179
2	Anion-Dependent Doping and Charge Transport in Organic Electrochemical Transistors. Chemistry of Materials, 2018, 30, 5380-5389.	6.7	125
3	Side-chain tuning in conjugated polymer photocatalysts for improved hydrogen production from water. Energy and Environmental Science, 2020, 13, 1843-1855.	30.8	92
4	A Reversible Structural Phase Transition by Electrochemically-Driven Ion Injection into a Conjugated Polymer. Journal of the American Chemical Society, 2020, 142, 7434-7442.	13.7	74
5	Fullerene Active Layers for n-Type Organic Electrochemical Transistors. ACS Applied Materials & Interfaces, 2019, 11, 28138-28144.	8.0	70
6	Reversible Electrochemical Charging of n-Type Conjugated Polymer Electrodes in Aqueous Electrolytes. Journal of the American Chemical Society, 2021, 143, 14795-14805.	13.7	62
7	Ion Exchange Gels Allow Organic Electrochemical Transistor Operation with Hydrophobic Polymers in Aqueous Solution. Advanced Materials, 2020, 32, e2002610.	21.0	61
8	P-Type Electrochemical Doping Can Occur by Cation Expulsion in a High-Performing Polymer for Organic Electrochemical Transistors. , 2020, 2, 254-260.		53
9	Side chain engineering control of mixed conduction in oligoethylene glycol-substituted polythiophenes. Journal of Materials Chemistry A, 2021, 9, 21410-21423.	10.3	25
10	Impact of varying side chain structure on organic electrochemical transistor performance: a series of oligoethylene glycol-substituted polythiophenes. Journal of Materials Chemistry A, 2022, 10, 10738-10749.	10.3	18
11	In Situ Studies of the Swelling by an Electrolyte in Electrochemical Doping of Ethylene Glycol-Substituted Polythiophene. ACS Applied Materials & Interfaces, 2022, 14, 29052-29060.	8.0	13
12	Defect Tolerance of π-Conjugated Polymer Crystal Lattices and Their Relevance to Optoelectronic Applications. ACS Applied Polymer Materials, 2019, 1, 1466-1475.	4.4	10
13	Generalizable Framework for Algorithmic Interpretation of Thin Film Morphologies in Scanning Probe Images. Journal of Chemical Information and Modeling, 2020, 60, 3387-3397.	5.4	10
14	Cantilever Ringdown Dissipation Imaging for the Study of Loss Processes in Polymer/Fullerene Solar Cells. Journal of Physical Chemistry C, 2016, 120, 12369-12376.	3.1	4