

# Jimmy John

## List of Publications by Year in descending order

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10  
papers

500  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative Study in Acidic and Alkaline Media of the Effects of pH and Crystallinity on the Hydrogen-Evolution Reaction on MoS <sub>2</sub> and MoSe <sub>2</sub> . ACS Energy Letters, 2017, 2, 2234-2238.	17.4	78
2	Mechanistic Studies of Formate Oxidation on Platinum in Alkaline Medium. Journal of Physical Chemistry C, 2012, 116, 5810-5820.	3.1	76
3	Reduction of Aqueous CO <sub>2</sub> to 1-Propanol at MoS <sub>2</sub> Electrodes. Chemistry of Materials, 2018, 30, 4902-4908.	6.7	73
4	Synthesis, Characterization, and Electrochemical Cycling Behavior of the Ru-Doped Spinel, Li[Mn <sub>2-2x</sub> Ru <sub>x</sub> ]O <sub>4</sub> (x=0, 0.1, and 0.25). Journal of the Electrochemical Society, 2009, 156, A652.	2.9	70
5	Methods of photoelectrode characterization with high spatial and temporal resolution. Energy and Environmental Science, 2015, 8, 2863-2885.	30.8	51
6	An Electrochemical Quartz Crystal Microbalance Study of a Prospective Alkaline Anion Exchange Membrane Material for Fuel Cells: Anion Exchange Dynamics and Membrane Swelling. Journal of the American Chemical Society, 2014, 136, 5309-5322.	13.7	43
7	Microwave Near-Field Imaging of Two-Dimensional Semiconductors. Nano Letters, 2015, 15, 1122-1127.	9.1	42
8	A scanning probe investigation of the role of surface motifs in the behavior of p-WSe <sub>2</sub> photocathodes. Energy and Environmental Science, 2016, 9, 164-175.	30.8	33
9	Performance and failure modes of Si anodes patterned with thin-film Ni catalyst islands for water oxidation. Sustainable Energy and Fuels, 2018, 2, 983-998.	4.9	24
10	In situ electrochemical characterization of poly-3,4-ethylenedioxythiophene/tetraalkylphenylene diamine films and their potential use in electrochemical energy storage devices. Journal of Electroanalytical Chemistry, 2016, 765, 65-72.	3.8	10