

Jimmy John

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6593586/publications.pdf>

Version: 2024-02-01

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