Sonja A Francis

List of Publications by Year
in descending order

10 papers	954 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	1966 citing authors

#	Article	IF	Citations
1	Nickelâ€“Gallium-Catalyzed Electrochemical Reduction of CO₂ to Highly Reduced Products at Low Overpotentials. ACS Catalysis, 2016, 6, 2100-2104.	11.2	238
2	Methods for comparing the performance of energy-conversion systems for use in solar fuels and solar electricity generation. Energy and Environmental Science, 2015, 8, 2886-2901.	30.8	196
3	Solar-Driven Reduction of 1 atm of CO₂ to Formate at 10% Energy-Conversion Efficiency by Use of a TiO₂-Protected IIIâ€“V Tandem Photoanode in Conjunction with a Bipolar Membrane and a Pd/C Cathode. ACS Energy Letters, 2016, 1, 764-770.	17.4	173
4	A taxonomy for solar fuels generators. Energy and Environmental Science, 2015, 8, 16-25.	30.8	170
5	Reduction of Aqueous CO₂ to 1-Propanol at MoS₂ Electrodes. Chemistry of Materials, 2018, 30, 4902-4908.	6.7	73
6	The Predominance of Hydrogen Evolution on Transition Metal Sulfides and Phosphides under CO₂ Reduction Conditions: An Experimental and Theoretical Study. ACS Energy Letters, 2018, 3, 1450-1457.	17.4	66
7	Low Pt-loading Niâ€“Pt and Pt deposits on Ni: Preparation, activity and investigation of electronic properties. Journal of Power Sources, 2011, 196, 7470-7480.	7.8	13
8	Tuning the Products of CO₂Electroreduction on a Ni₃Ga Catalyst Using Carbon Solid Supports. Journal of the Electrochemical Society, 2018, 165, H385-H392.	2.9	11
9	Structural and activity comparison of self-limiting versus traditional Pt electro-depositions on nanopillar Ni films. Journal of Power Sources, 2013, 222, 533-541.	7.8	10
10	Glancing angle deposited Ni nanopillars coated with conformal, thin layers of Pt by a novel electrodeposition: Application to the oxygen reduction reaction. Electrochimica Acta, 2015, 151, 537-543.	5.2	4