

# Sonja A Francis

## List of Publications by Year in descending order

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