

# Amin Nouri-Khorasani

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Rational Design of Multimodal Porous Carbon for the Interfacial Microporous Layer of Fuel Cell Oxygen Electrodes. ACS Applied Materials & Interfaces, 2022, 14, 9084-9096.	8.0	8
2	Frequency Analysis of Water Electrolysis Current Fluctuations in a PEM Flow Cell: Insights into Bubble Nucleation and Detachment. Journal of the Electrochemical Society, 2022, 169, 054531.	2.9	6
3	In-situ determination of current density distribution and fluid modeling of an electrocoagulation process and its effects on natural organic matter removal for drinking water treatment. Water Research, 2020, 171, 115404.	11.3	27
4	Model of oxygen bubbles and performance impact in the porous transport layer of PEM water electrolysis cells. International Journal of Hydrogen Energy, 2017, 42, 28665-28680.	7.1	97
5	Development of an experimentally validated semi-empirical fully-coupled performance model of a PEM electrolysis cell with a 3-D structured porous transport layer. International Journal of Hydrogen Energy, 2017, 42, 25831-25847.	7.1	83
6	Molecular modeling of the proton density distribution in a water-filled slab-like nanopore bounded by Pt oxide and ionomer. Catalysis Today, 2016, 262, 133-140.	4.4	25
7	Molecular Modeling of Hydronium Ion and Water Distribution in Water-Filled Pt Nanochannels with Corrugated Walls. Electrocatalysis, 2014, 5, 167-176.	3.0	11