

Amin Nouri-Khorasani

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

257
citations

1478505
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7
all docs

7
docs citations

7
times ranked

248
citing authors

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