

Nelly Cantillo

List of Publications by Year in descending order

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1040056

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258
citing authors

#	ARTICLE	IF	CITATIONS
1	CrN-Encapsulated Hollow Cr-N-C Capsules Boosting Oxygen Reduction Catalysis in PEMFC. <i>CCS Chemistry</i> , 2021, 3, 208-218.	7.8	28
2	Electron Transfer in Microemulsion-Based Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40213-40219.	8.0	22
3	A family of platinum group metal-free catalysts for oxygen reduction in alkaline media. <i>Journal of Power Sources</i> , 2018, 395, 148-157.	7.8	19
4	The ion and water transport properties of K ⁺ and Na ⁺ form perfluorosulfonic acid polymer. <i>Electrochimica Acta</i> , 2018, 282, 544-554.	5.2	19
5	Electrochemical Hydrogen Separation via Solid Acid Membranes. <i>Journal of the Electrochemical Society</i> , 2014, 161, F679-F685.	2.9	15
6	Investigation of a microporous iron(ⁱⁱⁱ) porphyrin framework derived cathode catalyst in PEM fuel cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15621-15630.	10.3	15
7	Localized and Collective Dynamics in Liquid-like Polyethylenimine-Based Nanoparticle Organic Hybrid Materials. <i>Macromolecules</i> , 2021, 54, 2296-2305.	4.8	14
8	Electrolyte effects on the electrochemical performance of microemulsions. <i>Electrochimica Acta</i> , 2021, 393, 139048.	5.2	11
9	Electrochemical Behavior of Copper Ion Complexed with Nanoparticle Organic Hybrid Materials. <i>Journal of the Electrochemical Society</i> , 2020, 167, 116508.	2.9	11
10	Dynamic Mixing Behaviors of Ionically Tethered Polymer Canopy of Nanoscale Hybrid Materials in Fluids of Varying Physical and Chemical Properties. <i>Journal of Physical Chemistry B</i> , 2021, 125, 9223-9234.	2.6	9
11	Biomass Potential for Producing Power via Green Hydrogen. <i>Energies</i> , 2021, 14, 8366.	3.1	8
12	Decoupling Conductivity and Solubility in Electrolytes Using Microemulsions. <i>Journal of the Electrochemical Society</i> , 2021, 168, 080502.	2.9	7
13	Nanoscale Hybrid Electrolytes with Viscosity Controlled Using Ionic Stimulus for Electrochemical Energy Conversion and Storage. <i>Jacs Au</i> , 2022, 2, 590-600.	7.9	5
14	Mechanistic Study of Controlled Zinc Electrodeposition Behaviors Facilitated by Nanoscale Electrolyte Additives at the Electrode Interface. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 22016-22029.	8.0	5
15	Ethanol Electrooxidation on PtSnNi/C Nanoparticles Prepared in Water-In-Oil Microemulsion. <i>ECS Transactions</i> , 2011, 41, 1307-1316.	0.5	4
16	¹⁹ F NMR Studies of 3M Ionomer Adsorption on Carbon Supports and Pt/C Catalysts. <i>ECS Transactions</i> , 2017, 80, 259-268.	0.5	0