

# Nelly Cantillo

## List of Publications by Year in descending order

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16  
papers

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258  
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#	ARTICLE	IF	CITATIONS
1	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
2	Mechanistic Study of Controlled Zinc Electrodeposition Behaviors Facilitated by Nanoscale Electrolyte Additives at the Electrode Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 22016-22029.	8.0	5
3	Localized and Collective Dynamics in Liquid-like Polyethylenimine-Based Nanoparticle Organic Hybrid Materials. <i>Macromolecules</i> , 2021, 54, 2296-2305.	4.8	14
4	CrN-Encapsulated Hollow Cr-N-C Capsules Boosting Oxygen Reduction Catalysis in PEMFC. <i>CCS Chemistry</i> , 2021, 3, 208-218.	7.8	28
5	Decoupling Conductivity and Solubility in Electrolytes Using Microemulsions. <i>Journal of the Electrochemical Society</i> , 2021, 168, 080502.	2.9	7
6	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
7	Electrolyte effects on the electrochemical performance of microemulsions. <i>Electrochimica Acta</i> , 2021, 393, 139048.	5.2	11
8	Biomass Potential for Producing Power via Green Hydrogen. <i>Energies</i> , 2021, 14, 8366.	3.1	8
9	Electron Transfer in Microemulsion-Based Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 40213-40219.	8.0	22
10	Electrochemical Behavior of Copper Ion Complexed with Nanoparticle Organic Hybrid Materials. <i>Journal of the Electrochemical Society</i> , 2020, 167, 116508.	2.9	11
11	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
12	The ion and water transport properties of K <sup>+</sup> and Na <sup>+</sup> form perfluorosulfonic acid polymer. <i>Electrochimica Acta</i> , 2018, 282, 544-554.	5.2	19
13	<sup>19</sup> 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
14	Investigation of a microporous iron (<sc>iii</sc>) porphyrin framework derived cathode catalyst in PEM fuel cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15621-15630.	10.3	15
15	Electrochemical Hydrogen Separation via Solid Acid Membranes. <i>Journal of the Electrochemical Society</i> , 2014, 161, F679-F685.	2.9	15
16	Ethanol Electrooxidation on PtSnNi/C Nanoparticles Prepared in Water-In-Oil Microemulsion. <i>ECS Transactions</i> , 2011, 41, 1307-1316.	0.5	4