

Garrett Huang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

623
citations

12
h-index

18
g-index

18
ext. papers

892
ext. citations

7.6
avg, IF

4.83
L-index

#	Paper	IF	Citations
14	Ionomer Optimization for Water Uptake and Swelling in Anion Exchange Membrane Electrolyzer: Hydrogen Evolution Electrode. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 024503	3.9	9
13	Editors' Choice Power-Generating Electrochemical CO ₂ Scrubbing from Air Enabling Practical AEMFC Application. <i>Journal of the Electrochemical Society</i> , 2021 , 168, 024504	3.9	4
12	Effect of reacting gas flowrates and hydration on the carbonation of anion exchange membrane fuel cells in the presence of CO ₂ . <i>Journal of Power Sources</i> , 2020 , 467, 228350	8.9	21
11	Ionomer Optimization for Water Uptake and Swelling in Anion Exchange Membrane Electrolyzer: Oxygen Evolution Electrode. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 164514	3.9	14
10	Poly(norbornene) anion conductive membranes: homopolymer, block copolymer and random copolymer properties and performance. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 17568-17578	13	40
9	Achieving High-Performance and 2000 h Stability in Anion Exchange Membrane Fuel Cells by Manipulating Ionomer Properties and Electrode Optimization. <i>Advanced Energy Materials</i> , 2020 , 10, 2001986	21.8	87
8	The Importance of Water Transport in High Conductivity and High-Power Alkaline Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 054501	3.9	69
7	Influence of Water Transport Across Microscale Bipolar Interfaces on the Performance of Direct Borohydride Fuel Cells. <i>ACS Applied Energy Materials</i> , 2020 , 3, 4449-4456	6.1	22
6	Composite Poly(norbornene) Anion Conducting Membranes for Achieving Durability, Water Management and High Power (3.4 W/cm ²) in Hydrogen/Oxygen Alkaline Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2019 , 166, F637-F644	3.9	111
5	Highly Conductive Anion-Exchange Membranes Based on Cross-Linked Poly(norbornene): Vinyl Addition Polymerization. <i>ACS Applied Energy Materials</i> , 2019 , 2, 2447-2457	6.1	67
4	Highly Conducting Anion-Exchange Membranes Based on Cross-Linked Poly(norbornene): Ring Opening Metathesis Polymerization. <i>ACS Applied Energy Materials</i> , 2019 , 2, 2458-2468	6.1	56
3	Anionic multiblock copolymer membrane based on vinyl addition polymerization of norbornenes: Applications in anion-exchange membrane fuel cells. <i>Journal of Membrane Science</i> , 2019 , 570-571, 394-402	8.6	71
2	Anion conducting multiblock copolymers with multiple head-groups. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9000-9008	13	37
1	Anion Conducting Ionomers for Fuel Cells and Electrolyzers. <i>Journal of the Electrochemical Society</i> , 2017 , 164, F1648-F1653	3.9	14