

# Noor Ul Hassan

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

812  
citations

933410

10  
h-index

1125717

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

598  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performing commercial Fe <sup>2+</sup> /C cathode electrocatalyst for anion-exchange membrane fuel cells. <i>Nature Energy</i> , 2021, 6, 834-843.	39.5	238
2	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.	19.5	188
3	The Importance of Water Transport in High Conductivity and High-Power Alkaline Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2020, 167, 054501.	2.9	132
4	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.	10.3	105
5	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.	2.9	40
6	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.	2.9	31
7	Understanding and improving anode performance in an alkaline membrane electrolyzer using statistical design of experiments. <i>Electrochimica Acta</i> , 2022, 409, 140001.	5.2	22
8	Understanding how single-atom site density drives the performance and durability of PGM-free Fe <sup>2+</sup> /C cathodes in anion exchange membrane fuel cells. <i>Materials Today Advances</i> , 2021, 12, 100179.	5.2	18
9	Effect of Membrane Properties on the Carbonation of Anion Exchange Membrane Fuel Cells. <i>Membranes</i> , 2021, 11, 102.	3.0	13
10	Understanding Recoverable vs Unrecoverable Voltage Losses and Long-Term Degradation Mechanisms in Anion Exchange Membrane Fuel Cells. <i>ACS Catalysis</i> , 2022, 12, 8116-8126.	11.2	10
11	A Competitive Design and Material Consideration for Fabrication of Polymer Electrolyte Membrane Fuel Cell Bipolar Plates. <i>Designs</i> , 2019, 3, 13.	2.4	7
12	Stable, high-performing bifunctional electrodes for anion exchange membrane-based unitized regenerative fuel cells. <i>Journal of Power Sources</i> , 2022, 541, 231599.	7.8	5