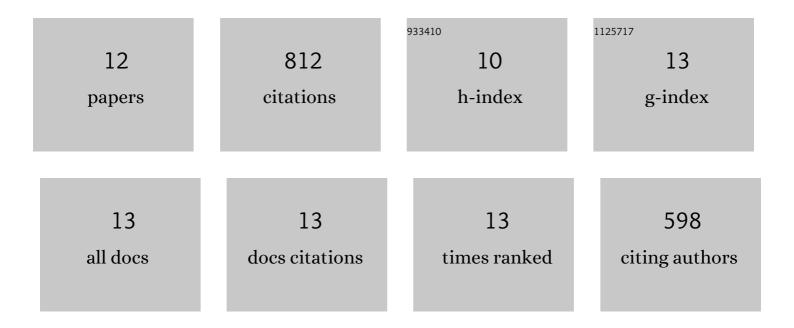
## Noor Ul Hassan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11139608/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	High-performing commercial Fe–N–C cathode electrocatalyst for anion-exchange membrane fuel cells. Nature Energy, 2021, 6, 834-843.	39.5	238
2	Achieving Highâ€Performance and 2000 h Stability in Anion Exchange Membrane Fuel Cells by Manipulating Ionomer Properties and Electrode Optimization. Advanced Energy Materials, 2020, 10, 2001986.	19.5	188
3	The Importance of Water Transport in High Conductivity and High-Power Alkaline Fuel Cells. Journal of the Electrochemical Society, 2020, 167, 054501.	2.9	132
4	Poly(norbornene) anion conductive membranes: homopolymer, block copolymer and random copolymer properties and performance. Journal of Materials Chemistry A, 2020, 8, 17568-17578.	10.3	105
5	lonomer Optimization for Water Uptake and Swelling in Anion Exchange Membrane Electrolyzer: Oxygen Evolution Electrode. Journal of the Electrochemical Society, 2020, 167, 164514.	2.9	40
6	lonomer Optimization for Water Uptake and Swelling in Anion Exchange Membrane Electrolyzer: Hydrogen Evolution Electrode. Journal of the Electrochemical Society, 2021, 168, 024503.	2.9	31
7	Understanding and improving anode performance in an alkaline membrane electrolyzer using statistical design of experiments. Electrochimica Acta, 2022, 409, 140001.	5.2	22
8	Understanding how single-atom site density drives the performance and durability of PGM-free Fe–N–C cathodes in anion exchange membrane fuel cells. Materials Today Advances, 2021, 12, 100179.	5.2	18
9	Effect of Membrane Properties on the Carbonation of Anion Exchange Membrane Fuel Cells. Membranes, 2021, 11, 102.	3.0	13
10	Understanding Recoverable vs Unrecoverable Voltage Losses and Long-Term Degradation Mechanisms in Anion Exchange Membrane Fuel Cells. ACS Catalysis, 2022, 12, 8116-8126.	11.2	10
11	A Competitive Design and Material Consideration for Fabrication of Polymer Electrolyte Membrane Fuel Cell Bipolar Plates. Designs, 2019, 3, 13.	2.4	7
12	Stable, high-performing bifunctional electrodes for anion exchange membrane-based unitized regenerative fuel cells. Journal of Power Sources, 2022, 541, 231599.	7.8	5