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## List of Publications by Year in descending order

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28  
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1219  
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#	ARTICLE	IF	CITATIONS
1	A Review of the Transition Region of Membrane Electrode Assembly of Proton Exchange Membrane Fuel Cells: Design, Degradation, and Mitigation. <i>Membranes</i> , 2022, 12, 306.	3.0	14
2	A High-Durability Graphitic Black Pearl Supported Pt Catalyst for a Proton Exchange Membrane Fuel Cell Stack. <i>Membranes</i> , 2022, 12, 301.	3.0	3
3	High-Performance Zinc-Air Batteries Based on Bifunctional Hierarchically Porous Nitrogen-Doped Carbon. <i>Small</i> , 2022, 18, e2105928.	10.0	23
4	Effect of ionomer content on cathode catalyst layer for PEMFC via molecular dynamics simulations and experiments. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 23335-23347.	7.1	16
5	The Controllable Design of Catalyst Inks to Enhance PEMFC Performance: A Review. <i>Electrochemical Energy Reviews</i> , 2021, 4, 67-100.	25.5	79
6	The synergetic effect of air pollutants and metal ions on performance of a 5 kW proton-exchange membrane fuel cell stack. <i>International Journal of Energy Research</i> , 2021, 45, 7974-7986.	4.5	4
7	Deep learning based prognostic framework towards proton exchange membrane fuel cell for automotive application. <i>Applied Energy</i> , 2021, 281, 115937.	10.1	75
8	Enhanced PEMFC durability with graphitized carbon black cathode catalyst supports under accelerated stress testing. <i>RSC Advances</i> , 2021, 11, 19417-19425.	3.6	11
9	Enhanced mass transfer and proton conduction of cathode catalyst layer for proton exchange membrane fuel cell through filling polyhedral oligomeric silsesquioxane. <i>Journal of Power Sources</i> , 2021, 487, 229413.	7.8	14
10	Long-term dynamic durability test datasets for single proton exchange membrane fuel cell. <i>Data in Brief</i> , 2021, 35, 106775.	1.0	13
11	Research progress of heat transfer inside proton exchange membrane fuel cells. <i>Journal of Power Sources</i> , 2021, 492, 229613.	7.8	30
12	Modifying Carbon Supports of Catalyst for the Oxygen Reduction Reaction in Vehicle PEMFCs. <i>Automotive Innovation</i> , 2021, 4, 119-130.	5.1	15
13	Improvement of Corrosion Resistance and Electrical Conductivity of Stainless Steel 316L Bipolar Plate by Pickling and Passivation. <i>World Electric Vehicle Journal</i> , 2021, 12, 101.	3.0	2
14	Effects of vortexes in feed header on air flow distribution of PEMFC stack: CFD simulation and optimization for better uniformity. <i>Renewable Energy</i> , 2021, 173, 498-506.	8.9	23
15	The influences of gas diffusion layer material models and parameters on mechanical analysis of proton exchange membrane fuel cell. <i>Fuel Cells</i> , 2021, 21, 373-389.	2.4	3
16	Synthesis of Anti-poisoning Spinel Mn-Co as Cathode Catalysts for Low-Temperature Anion Exchange Membrane Direct Ammonia Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 53945-53954.	8.0	14
17	Efficient synthesis of Pt-Co nanowires as cathode catalysts for proton exchange membrane fuel cells. <i>RSC Advances</i> , 2020, 10, 6287-6296.	3.6	26
18	Preparation of a Graphitized-Carbon-Supported PtNi Octahedral Catalyst and Application in a Proton-Exchange Membrane Fuel Cell. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 7047-7056.	8.0	23

