

Tim Van Cleve

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

282
citations

1478458

6
h-index

1872665

6
g-index

12
all docs

12
docs citations

12
times ranked

351
citing authors

#	ARTICLE	IF	CITATIONS
1	Dictating Pt-Based Electrocatalyst Performance in Polymer Electrolyte Fuel Cells, from Formulation to Application. ACS Applied Materials & Interfaces, 2019, 11, 46953-46964.	8.0	80
2	Modifying the Electrocatalyst-Ionomer Interface via Sulfonated Poly(ionic liquid) Block Copolymers to Enable High-Performance Polymer Electrolyte Fuel Cells. ACS Energy Letters, 2020, 5, 1726-1731.	17.4	50
3	Along the Channel Gradients Impact on the Spatioactivity of Gas Diffusion Electrodes at High Conversions during CO ₂ Electroreduction. ACS Sustainable Chemistry and Engineering, 2021, 9, 1286-1296.	6.7	47
4	Nanoscale Engineering of Efficient Oxygen Reduction Electrocatalysts by Tailoring the Local Chemical Environment of Pt Surface Sites. ACS Catalysis, 2017, 7, 17-24.	11.2	44
5	Tailoring electrode microstructure via ink content to enable improved rated power performance for platinum cobalt/high surface area carbon based polymer electrolyte fuel cells. Journal of Power Sources, 2021, 482, 228889.	7.8	40
6	Toward Optimizing Electrospun Nanofiber Fuel Cell Catalyst Layers: Microstructure and Pt Accessibility. ACS Applied Energy Materials, 2021, 4, 3341-3351.	5.1	21
7	Impact of Polymeric Additives on Cathode Catalyst Layer Crack Mitigation. ECS Meeting Abstracts, 2021, MA2021-02, 1091-1091.	0.0	0
8	(Invited) Enabling Scalable CO/CO ₂ Reduction. ECS Meeting Abstracts, 2021, MA2021-02, 816-816.	0.0	0
9	(Invited) Linking Ionomer/Electrocatalyst Interactions to Membrane Electrode Assembly Performance and Durability in Proton Exchange Membrane Fuel Cells. ECS Meeting Abstracts, 2021, MA2021-02, 1047-1047.	0.0	0
10	The Influence of Along-the-Channel Gradients on Spatioactivity and Spatioselectivity of Gas Diffusion Electrodes during Electrochemical CO ₂ Reduction. , 0, , .		0
11	Importance of Local Ionomer Distribution in the Cathode Catalyst Layer and Its Impact on Polymer Electrolyte Fuel Cell Performance. ECS Meeting Abstracts, 2021, MA2021-02, 1063-1063.	0.0	0
12	(Invited) Experimental Measurement of Spatial Activity on CO ₂ & CO Reduction Gas Diffusion Electrodes. ECS Meeting Abstracts, 2022, MA2022-01, 1775-1775.	0.0	0