

# Tilman Jurzinsky

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

376  
citations

933447

10  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

648  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of functional layers thinning of high temperature polymer electrolyte membrane fuel cells after long term operation. <i>Nanoscale</i> , 2022, 14, 11543-11551.	5.6	5
2	Impact of Surface Functionalization on the Intrinsic Properties of the Resulting Fe-N-C Catalysts for Fuel Cell Applications. <i>Energy Technology</i> , 2020, 8, 2000433.	3.8	14
3	Functionalization of multi-walled carbon nanotubes with indazole. <i>Electrochimica Acta</i> , 2019, 298, 884-892.	5.2	11
4	DEMS and Online Mass Spectrometry Studies of the Carbon Support Corrosion under Various Polymer Electrolyte Membrane Fuel Cell Operating Conditions. <i>Journal of the Electrochemical Society</i> , 2018, 165, F3307-F3315.	2.9	29
5	A novel differential electrochemical mass spectrometry method to determine the product distribution from parasitic Methanol oxidation reaction on oxygen reduction reaction catalysts. <i>Journal of Power Sources</i> , 2018, 389, 61-69.	7.8	6
6	Methanol oxidation reaction on core-shell structured Ruthenium-Palladium nanoparticles: Relationship between structure and electrochemical behavior. <i>Journal of Power Sources</i> , 2018, 375, 320-334.	7.8	43
7	Impact of Carbon Support Functionalization on the Electrochemical Stability of Pt Fuel Cell Catalysts. <i>Chemistry of Materials</i> , 2018, 30, 7287-7295.	6.7	73
8	A comb-like ionomer based on poly(2,6-dimethyl-1,4-phenylene oxide) for the use as anodic binder in anion-exchange membrane direct methanol fuel cells. <i>Solid State Ionics</i> , 2017, 303, 1-11.	2.7	7
9	On the Influence of Ag on Pd-based Electrocatalyst for Methanol Oxidation in Alkaline Media: A Comparative Differential Electrochemical Mass Spectrometry Study. <i>Electrochimica Acta</i> , 2016, 199, 270-279.	5.2	27
10	Methanol oxidation on PdRh/C electrocatalyst in alkaline media: Temperature and methanol concentration dependencies. <i>Journal of Electroanalytical Chemistry</i> , 2016, 776, 49-52.	3.8	13
11	Investigation of ruthenium promoted palladium catalysts for methanol electrooxidation in alkaline media. <i>Journal of Power Sources</i> , 2016, 303, 182-193.	7.8	38
12	On the Design of a Comb-Shaped, Poly(phenylene oxide)-Based Anodic Binder for Anion-Exchange Membrane Direct Methanol Fuel Cell (AEM-DMFC). <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
13	Development of materials for anion-exchange membrane direct alcohol fuel cells. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 11569-11576.	7.1	27
14	Highly active carbon supported palladium-rhodium PdXRh/C catalysts for methanol electrooxidation in alkaline media and their performance in anion exchange direct methanol fuel cells (AEM-DMFCs). <i>Electrochimica Acta</i> , 2015, 176, 1191-1201.	5.2	68
15	High-porous platinum electrodes for functional electrical stimulation. , 2011, 2011, 5404-7.		11