Tilman Jurzinsky

List of Publications by Year
in descending order

15	376	933447 10	1058476 14
papers	citations	h-index	g-index

16	16	16	648
all docs	docs citations	times ranked	citing authors

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