

Christopher M Zalitis

List of Publications by Year in descending order

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8
papers

588
citations

1163117
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1087
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalytic performance of fuel cell reactions at low catalyst loading and high mass transport. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 4329.	2.8	157
2	General Models for the Electrochemical Hydrogen Oxidation and Hydrogen Evolution Reactions: Theoretical Derivation and Experimental Results under Near Mass-Transport Free Conditions. <i>Journal of Physical Chemistry C</i> , 2016, 120, 10721-10745.	3.1	136
3	A comparison of rotating disc electrode, floating electrode technique and membrane electrode assembly measurements for catalyst testing. <i>Journal of Power Sources</i> , 2018, 392, 274-284.	7.8	94
4	Design principles for platinum nanoparticles catalysing electrochemical hydrogen evolution and oxidation reactions: edges are much more active than facets. <i>Journal of Materials Chemistry A</i> , 2017, 5, 23328-23338.	10.3	70
5	Performance measurements and modelling of the ORR on fuel cell electrocatalysts – the modified double trap model. <i>Electrochimica Acta</i> , 2015, 179, 126-136.	5.2	53
6	Electrochemical Measurement of Intrinsic Oxygen Reduction Reaction Activity at High Current Densities as a Function of Particle Size for Pt ₄ Co/C (<i>ETQ</i>)	0.0	0
7	Electrocatalyst Performance at the Gas/Electrolyte Interface under High-Mass-Transport Conditions: Optimization of the “Floating Electrode” Method. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47467-47481.	8.0	25
8	(M,Ru)O ₂ (M = Mg, Zn, Cu, Ni, Co) Rutilites and Their Use as Oxygen Evolution Electrocatalysts in Membrane Electrode Assemblies under Acidic Conditions. <i>Chemistry of Materials</i> , 2020, 32, 6150-6160.	6.7	17