Derek J Wasylenko

List of Publications by Year
in descending order

12	1,925	759055 12	1199470 12
papers	citations	h-index	g-index

12	12	12	2050
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical evidence for catalytic water oxidation mediated by a high-valent cobalt complex. Chemical Communications, 2011, 47, 4249.	2.2	343
2	Electronic Modification of the [Ru^{II}(tpy)(bpy)(OH₂)]²⁺ Scaffold: Effects on Catalytic Water Oxidation. Journal of the American Chemical Society, 2010, 132, 16094-16106.	6.6	299
3	Insight into Water Oxidation by Mononuclear Polypyridyl Ru Catalysts. Inorganic Chemistry, 2010, 49, 2202-2209.	1.9	256
4	Standard Reduction Potentials for Oxygen and Carbon Dioxide Couples in Acetonitrile and N,N-Dimethylformamide. Inorganic Chemistry, 2015, 54, 11883-11888.	1.9	189
5	Homogeneous water oxidation catalysts containing a single metal site. Chemical Communications, 2013, 49, 218-227.	2.2	184
6	Homogenous Electrocatalytic Oxygen Reduction Rates Correlate with Reaction Overpotential in Acidic Organic Solutions. ACS Central Science, 2016, 2, 850-856.	5.3	150
7	Interrogation of electrocatalytic water oxidation mediated by a cobalt complex. Chemical Communications, 2012, 48, 2107.	2.2	127
8	Medium Effects Are as Important as Catalyst Design for Selectivity in Electrocatalytic Oxygen Reduction by Ironâ€“Porphyrin Complexes. Journal of the American Chemical Society, 2015, 137, 4296-4299.	6.6	117
9	Unraveling the Roles of the Acid Medium, Experimental Probes, and Terminal Oxidant, (NH₄)₂[Ce(NO₃)₆], in the Study of a Homogeneous Water Oxidation Catalyst. Inorganic Chemistry, 2011, 50, 3662-3672.	1.9	107
10	Direct Comparison of Electrochemical and Spectrochemical Kinetics for Catalytic Oxygen Reduction. Journal of the American Chemical Society, 2014, 136, 12544-12547.	6.6	98
11	Examination of Water Oxidation by Catalysts Containing Cofacial Metal Sites. European Journal of Inorganic Chemistry, 2010, 2010, 3135-3142.	1.0	36
12	Proton-coupled electron transfer at a [Co-OHx]zunit in aqueous media: evidence for a concerted mechanism. Chemical Science, 2013, 4, 734-738.	3.7	19