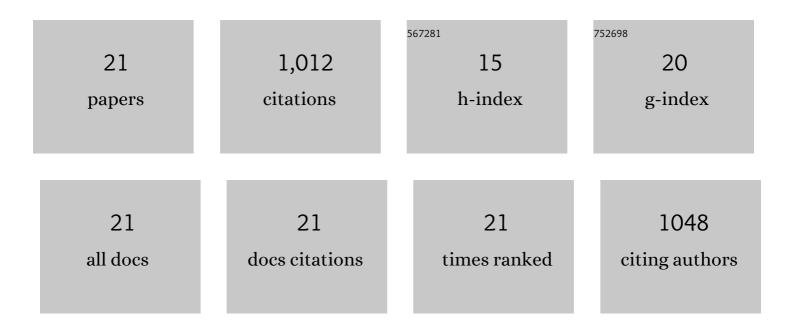
Matthew T Meredith

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Lessons Learned from a Delayed Exothermic Decomposition─Amine Neutralizations with Strong, Oxidizing Acids. Journal of Chemical Health and Safety, 2022, 29, 72-78.	2.1	1
2	Evaluating the Adhesion of New Spreader-Sticker Adjuvants. , 2015, , 1-10.		0
3	Towards the Design of an Acetone Breath Biosensor. ECS Transactions, 2013, 45, 1-17.	0.5	3
4	Effects of ferrocene methylation on ferrocene-modified linear poly(ethylenimine) bioanodes. Electrochimica Acta, 2013, 92, 226-235.	5.2	26
5	Direct electron transfer-based bioanodes for ethanol biofuel cells using PQQ-dependent alcohol and aldehyde dehydrogenases. Electrochimica Acta, 2013, 87, 323-329.	5.2	46
6	lon exchange voltammetry at branched polyethylenimine cross-linked with ethylene glycol diglycidyl ether and sensitive determination of ascorbic acid. Electrochimica Acta, 2013, 105, 31-39.	5.2	17
7	Employing Methylene Green Coated Carbon Nanotube Electrodes to Enhance NADH Electrocatalysis for Use in an Ethanol Biofuel Cell. Electroanalysis, 2013, 25, 2394-2402.	2.9	13
8	High Performance Glucose/O ₂ Biofuel Cell: Effect of Utilizing Purified Laccase with Anthracene-Modified Multi-Walled Carbon Nanotubes. Journal of the Electrochemical Society, 2012, 159, G166-G170.	2.9	31
9	Hydrophobic Salt-modified Nafion for Enzyme Immobilization and Stabilization. Journal of Visualized Experiments, 2012, , e3949.	0.3	13
10	Bioelectrocatalytic Oxidation of Glucose in CNT Impregnated Hydrogels: Advantages of Synthetic Enzymatic Metabolon Formation. ACS Catalysis, 2012, 2, 17-25.	11.2	37
11	Biofuel Cells: Enhanced Enzymatic Bioelectrocatalysis. Annual Review of Analytical Chemistry, 2012, 5, 157-179.	5.4	190
12	Enzymatic biofuel cells utilizing a biomimetic cofactor. Chemical Communications, 2012, 48, 1898.	4.1	85
13	Nicotinamide Adenine Dinucleotide Oxidation Studies at Multiwalled Carbon Nanotube/Polymer Composite Modified Glassy Carbon Electrodes. Electroanalysis, 2012, 24, 1011-1018.	2.9	9
14	Azine/hydrogel/nanotube composite-modified electrodes for NADH catalysis and enzyme immobilization. Electrochimica Acta, 2012, 72, 207-214.	5.2	39
15	Inhibition and Activation of Glucose Oxidase Bioanodes for Use in a Self-Powered EDTA Sensor. Analytical Chemistry, 2011, 83, 5436-5441.	6.5	57
16	Anthracene-Modified Multi-Walled Carbon Nanotubes as Direct Electron Transfer Scaffolds for Enzymatic Oxygen Reduction. ACS Catalysis, 2011, 1, 1683-1690.	11.2	175
17	High Current Density Ferrocene-Modified Linear Poly(ethylenimine) Bioanodes and Their Use in Biofuel Cells. Journal of the Electrochemical Society, 2011, 158, B166.	2.9	79
18	Bifunctional polyamines for the aqueous dispersion of carbon nanotubes and the formation of carbon nanotube-impregnated hydrogel composites. MRS Communications, 2011, 1, 37-40.	1.8	18

#	Article	IF	CITATIONS
19	Effect of Mediator Spacing on Electrochemical and Enzymatic Response of Ferrocene Redox Polymers. Journal of Physical Chemistry C, 2010, 114, 11627-11634.	3.1	65
20	High-Sensitivity Amperometric Biosensors Based on Ferrocene-Modified Linear Poly(ethylenimine). Langmuir, 2009, 25, 7736-7742.	3.5	84
21	Nanocomposite Hydrogen-Bonded Multilayer Ultrathin Films by Simultaneous Sexithiophene and Au Nanoparticle Formation. Chemistry of Materials, 2004, 16, 5063-5070.	6.7	24