

Samuel C Perry

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	503 citations	11 h-index	22 g-index
30 ext. papers	748 ext. citations	7.1 avg, IF	4.43 L-index

#	Paper	IF	Citations
22	Effective Hydrogen Peroxide Production from Electrochemical Water Oxidation. <i>ACS Energy Letters</i> , 2021 , 6, 2369-2377	20.1	17
21	Future perspectives for the advancement of electrochemical hydrogen peroxide production. <i>Current Opinion in Electrochemistry</i> , 2021 , 30, 100792	7.2	7
20	Recent Advances in Electrochemical Water Oxidation to Produce Hydrogen Peroxide: A Mechanistic Perspective. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 76-91	8.3	22
19	Hydrophobic thiol coatings to facilitate a triphasic interface for carbon dioxide reduction to ethylene at gas diffusion electrodes. <i>Faraday Discussions</i> , 2021 , 230, 375-387	3.6	2
18	Polymers with intrinsic microporosity (PIMs) for targeted CO reduction to ethylene. <i>Chemosphere</i> , 2020 , 248, 125993	8.4	14
17	ReviewThe Design, Performance and Continuing Development of Electrochemical Reactors for Clean Electrosynthesis. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 155525	3.9	23
16	Developments on carbon dioxide reduction: Their promise, achievements, and challenges. <i>Current Opinion in Electrochemistry</i> , 2020 , 20, 88-98	7.2	18
15	Recent advances on metal nitride materials as emerging electrochemical sensors: A mini review. <i>Electrochemistry Communications</i> , 2020 , 120, 106828	5.1	11
14	Electrochemical synthesis of hydrogen peroxide from water and oxygen. <i>Nature Reviews Chemistry</i> , 2019 , 3, 442-458	34.6	235
13	Pourbaix Diagrams as a Simple Route to First Principles Corrosion Simulation. <i>Journal of the Electrochemical Society</i> , 2019 , 166, C3186-C3192	3.9	9
12	Simultaneous Electrochemical and Emission Monitoring of Electrogenenerated Chemiluminescence through Instrument Hyphenation. <i>Analytical Chemistry</i> , 2019 , 91, 2312-2318	7.8	5
11	The Best of Both Worlds: Combining Ultramicroelectrode and Flow Cell Technologies. <i>Journal of the Electrochemical Society</i> , 2018 , 165, H10-H15	3.9	5
10	The role of titanium in the initiation of localized corrosion of stainless steel 444. <i>Npj Materials Degradation</i> , 2018 , 2,	5.7	15
9	Enhancement of the Enzymatic Biosensor Response through Targeted Electrode Surface Roughness. <i>Journal of the Electrochemical Society</i> , 2018 , 165, G3074-G3079	3.9	9
8	Combined Spectroelectrochemical and Simulated Insights into the Electrogenenerated Chemiluminescence Coreactant Mechanism. <i>Analytical Chemistry</i> , 2018 , 90, 7377-7382	7.8	21
7	Cuvette-Based Electrogenenerated Chemiluminescence Detection System for the Assessment of Polymerizable Ruthenium Luminophores. <i>ChemElectroChem</i> , 2017 , 4, 1736-1743	4.3	10
6	Localized Detection of d-Serine by using an Enzymatic Amperometric Biosensor and Scanning Electrochemical Microscopy. <i>ChemElectroChem</i> , 2017 , 4, 920-926	4.3	15

5	Development of a Model for Experimental Data Treatment of Diffusion and Activation Limited Polarization Curves for Magnesium and Steel Alloys. <i>Journal of the Electrochemical Society</i> , 2017 , 164, E3576-E3582	3.9	10
4	The oxygen reduction reaction (ORR) on reduced metals: evidence for a unique relationship between the coverage of adsorbed oxygen species and adsorption energy. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 10218-23	3.6	15
3	Transient study of the oxygen reduction reaction on reduced Pt and Pt alloys microelectrodes: evidence for the reduction of pre-adsorbed oxygen species linked to dissolved oxygen. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 30005-12	3.6	28
2	Sampled-current voltammetry at microdisk electrodes: kinetic information from pseudo steady state voltammograms. <i>Analytical Chemistry</i> , 2014 , 86, 9917-23	7.8	11
1	Qualitative and Quantitative Methods of Capsaicinoids: a Mini-Review. <i>Food Analytical Methods</i> , 2013 , 6, 105-11	3.4	1