Nathan S Lawrence

List of Publications by Year
in descending order

14	323	1163117 8	1125743 13
papers	citations	h-index	g-index

14	14	14	376
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intraâ€•and Interâ€•molecular Sulfâ€•hydryl Hydrogen Bonding: Facilitating Proton Transfer Events for Determination of pH in Sea Water. Electroanalysis, 2021, 33, 559-562.	2.9	2
2	Electrochemical quantification of d-glucose during the production of bioethanol from thermo-mechanically pre-treated wheat straw. Electrochemistry Communications, 2021, 124, 106942.	4.7	8
3	Unravelling the Occurrence of Mediatorâ€Blood Protein Interactions via the Redox Catalysis of the Physiological Gasotransmitter Hydrogen Sulfide. ChemistrySelect, 2021, 6, 10059-10062.	1.5	2
4	Asymmetric and Anharmonic Electrode Kinetics: Evaluation of a Model for Electron Transfer with Concerted Rupture of Weak, Inner Shell Interactions. ChemistrySelect, 2021, 6, 13331-13335.	1.5	1
5	Regular Solution Theory for Polymer Permeation Transients: A Toolkit for Understanding Experimental Waveshapes. Langmuir, 2020, 36, 5003-5020.	3.5	4
6	Electrochemical measurement of antibody-antigen recognition biophysics: Thermodynamics and kinetics of human chorionic gonadotropin (hCG) binding to redox-tagged antibodies. Journal of Electroanalytical Chemistry, 2018, 819, 533-541.	3.8	8
7	A Route to Unbuffered pH Monitoring: A Novel Electrochemical Approach. Electrochimica Acta, 2016, 190, 879-886.	5.2	16
8	A novel sensor based on electropolymerized substituted-phenols for pH detection in unbuffered systems. RSC Advances, 2015, 5, 104048-104053.	3.6	10
9	Screen Printed Alizarinâ€Based Carbon Electrodes: Monitoring pH in Unbuffered Media. Electroanalysis, 2015, 27, 917-923.	2.9	26
10	Anthraquinoneâ€“ferrocene film electrodes: Utility in pH and oxygen sensing. Electrochemistry Communications, 2008, 10, 1831-1834.	4.7	54
11	Ferrocene sulfonates as electrocatalysts for sulfide detection. Electrochimica Acta, 2006, 52, 499-503.	5.2	39
12	Anthraquinone-derivatised carbon powder: reagentless voltammetric pH electrodes. Talanta, 2003, 60, 887-893.	5.5	100
13	Physical adsorption of N,Nâ€²-diphenyl-p-phenylenediamine onto carbon particles: Application to the detection of sulfide. Analyst, The, 2003, 128, 473-479.	3.5	49
14	NafionÂ® Coated Electropolymerised Flavanoneâ€Based pH Sensor. Electroanalysis, 0, , .	2.9	4