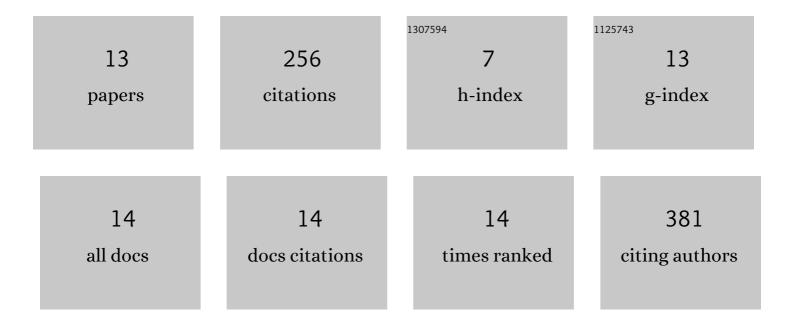
## Julio C Alvarez

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	On-Chip Micropatterning of Plastic (Cylic Olefin Copolymer, COC) Microfluidic Channels for the Fabrication of Biomolecule Microarrays Using Photografting Methods. Langmuir, 2007, 23, 1577-1583.	3.5	66
2	Acid/base and hydrogen bonding effects on the proton-coupled electron transfer of quinones and hydroquinones in acetonitrile: Mechanistic investigation by voltammetry, 1H NMR and computation. Electrochimica Acta, 2010, 55, 6507-6516.	5.2	45
3	The Role of Intermolecular Hydrogen Bonding and Proton Transfer in Proton-Coupled Electron Transfer. Journal of Physical Chemistry C, 2011, 115, 10797-10805.	3.1	45
4	Buffer Effects in the Kinetics of Concerted Proton-Coupled Electron Transfer: The Electrochemical Oxidation of Glutathione Mediated by [IrCl <sub>6</sub> ] <sup>2–</sup> at Variable Buffer p <i>K</i> <sub>a</sub> and Concentration. Journal of Physical Chemistry C, 2013, 117, 902-912.	3.1	34
5	Label-Free Detection of Heparin, Streptavidin, and Other Probes by Pulsed Streaming Potentials in Plastic Microfluidic Channels. Analytical Chemistry, 2008, 80, 6532-6536.	6.5	26
6	Comparing the Hydrogen-Bonding Effect of Brönsted Bases in Solution and When They Are Covalently Bound to the Surface of Glassy Carbon Electrodes in the Electrochemical Behavior of Hydroquinone. Journal of Physical Chemistry C, 2012, 116, 20447-20457.	3.1	13
7	Thermodynamic and Kinetic Enhancement of Electrochemical Sensitivity by Chemical Coupling in Microfluidic Systems. Angewandte Chemie - International Edition, 2006, 45, 5829-5832.	13.8	8
8	Dynamics of Collisions and Adsorption in the Stochastic Electrochemistry of Emulsion Microdroplets. Analytical Chemistry, 2021, 93, 7993-8001.	6.5	7
9	Removal of electroanalytical interferences using thermodynamic and kinetic effects induced by in situ electrogeneration of protons. Journal of Electroanalytical Chemistry, 2009, 631, 76-79.	3.8	4
10	Interplay of proton and electron transfer to determine concerted behavior in the proton-coupled electron transfer of glutathione oxidation. Physical Chemistry Chemical Physics, 2018, 20, 17666-17675.	2.8	3
11	Reply to "Comment on â€~Buffer Effects in the Kinetics of Concerted Proton-Coupled Electron Transfer: The Electrochemical Oxidation of Glutathione Mediated by [IrCl6]2– at Variable Buffer pKa and Concentration'â€# Journal of Physical Chemistry C, 2014, 118, 743-745.	3.1	2
12	Hydrogen Bonding and Proton Transfer in Aqueous Toluene Microdroplets Studied by Particle Collision Electrochemistry. ChemElectroChem, 2018, 5, 2528-2533.	3.4	2
13	Transmission mechanisms of fish electric signals. Fish and Fisheries, 2017, 18, 1176-1179.	5.3	1