Carlos Alberto Rossi Salamanca-Neto

List of Publications by Citations

28 papers	285 citations	11 h-index	16 g-index
29 ext. papers	331 ext. citations	4.2 avg, IF	3.71 L-index

#	Paper	IF	Citations
28	Differential pulse voltammetric method for the individual and simultaneous determination of antihypertensive drug metoprolol and its association with hydrochlorothiazide in pharmaceutical dosage forms. *Sensors and Actuators B: Chemical*, **2016**, 230, 630-638	8.5	37
27	Advanced sensing performance towards simultaneous determination of quaternary mixture of antihypertensives using boron-doped diamond electrode. *Microchemical Journal*, **2017**, 134, 173-180	4.8	34
26	Sensitive square-wave voltammetric determination of tadalafil (Cialis®) in pharmaceutical samples using a cathodically pretreated boron-doped diamond electrode. *Diamond and Related Materials*, **2017**, 77, 153-158	3.5	33
25	Chemometric-assisted construction of a biosensing device to measure chlorogenic acid content in brewed coffee beverages to discriminate quality. *Food Chemistry*, **2020**, 315, 126306	8.5	22
24	Amperometric determination of ascorbic acid with a glassy carbon electrode modified with TiO-gold nanoparticles integrated into carbon nanotubes. *Mikrochimica Acta*, **2018**, 185, 251	5.8	18
23	The Performance of Boron-Doped Diamond Electrode for the Determination of Ramipril and its Association with Hydrochlorothiazide. *Electroanalysis*, **2017**, 29, 1180-1187	3	16
22	Assessment of the use of boron-doped diamond electrode for highly sensitive voltammetric determination of the azo-dye carmoisine E-122 in food and environmental matrices. *Talanta*, **2020**, 220, 121417	6.2	13
21	Boron-doped diamond electrode: a modification-free platform for sensitive square-wave voltammetric determination of indapamide hydrochloride. *Analytical Methods*, **2018**, 10, 3347-3352	3.2	12
20	Fast and sensitive simultaneous determination of antihypertensive drugs amlodipine besylate and ramipril using an electrochemical method: application to pharmaceuticals and blood serum samples. *Analytical Methods*, **2019**, 11, 4006-4013	3.2	12
19	Laccase from Botryosphaeria rhodina MAMB-05 as a biological component in electrochemical biosensing devices. *Analytical Methods*, **2019**, 11, 717-720	3.2	11
18	In-house validation of a totally aqueous voltammetric method for determination of diltiazem hydrochloride. *Journal of Electroanalytical Chemistry*, **2019**, 837, 159-166	4.1	11
17	Electrochemical evaluation and simultaneous determination of binary mixture of antihypertensives hydrochlorothiazide and enalapril in combined dosage forms using carbon nanotubes paste electrode. *Ionics*, **2015**, 21, 1615-1622	2.7	10
16	Electrochemical evaluation and voltammetric determination of laxative drug bisacodyl on boron-doped diamond electrode. *Measurement: Journal of the International Measurement Confederation*, **2019**, 137, 464-469	4.6	9
15	Carboxymethyl-botryosphaeran stabilized carbon nanotubes aqueous dispersion: A new platform design for electrochemical sensing of desloratadine. *Talanta*, **2020**, 210, 120642	6.2	9
14	Feasibility of the use of boron-doped diamond electrode coupled to electroanalytical techniques for the individual determination of pravastatin and its association with acetylsalicylic acid. *Journal of Electroanalytical Chemistry*, **2020**, 862, 113987	4.1	8
13	A differential pulse voltammetric method for submicromolar determination of antihistamine drug desloratadine using an unmodified boron-doped diamond electrode. *Analytical Methods*, **2020**, 12, 1115-1121	3.2	8
12	Simultaneous Voltammetric Determination of Antihypertensive Drugs Amlodipine and Atenolol in Pharmaceuticals Using a Cathodically Pretreated Boron-Doped Diamond Electrode. *Journal of the Brazilian Chemical Society*, **2016**,	1.5	5

List of Publications

11	A novel sensing platform based on self-doped TiO2 nanotubes for methylene blue dye electrochemical monitoring during its electro-Fenton degradation. *Journal of Solid State Electrochemistry*, **2020**, 24, 1951-1959	2.6	3
10	Simultaneous Voltammetric Determination of Amlodipine and Atorvastatin on Anodically Pretreated Boron-Doped Diamond Electrode. *Orbital*, **2017**, 9,	1.4	3
9	Fast surface water quality analysis based on an ultra-sensitive determination of the antidepressant drug duloxetine hydrochloride on a diamond electrode by voltammetry. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-15	1.8	3
8	A photoelectrochemical enzyme biosensor based on functionalized hematite microcubes for rutin determination by square-wave voltammetry. *Mikrochimica Acta*, **2021**, 188, 28	5.8	3
7	Boron-doped diamond film and multiple linear regression-based calibration applied to the simultaneous electrochemical determination of paracetamol, phenylephrine hydrochloride, and loratadine in fixed-dose combinations. *Microchemical Journal*, **2021**, 162, 105831	4.8	2
6	Ecometabolic mixture design-fingerprints from exploratory multi-block data analysis in Coffea arabica beans from climate changes: Elevated carbon dioxide and reduced soil water availability. *Food Chemistry*, **2021**, 362, 129716	8.5	2
5	Assessment of the performance of triphenylphosphine for the voltammetric determination of elemental sulphur in cosmetic products. *Analyst, The*, **2018**, 143, 3600-3606	5	1
4	Application of botryosphaeran as a carbon black adherent on a glassy carbon electrode for the electrochemical determination of cyclobenzaprine. *Electrochimica Acta*, **2021**, 379, 138176	6.7	0
3	Electrochemical Characterization of the Laccase-Catalyzed Oxidation of 2,6-Dimethoxyphenol: an Insight into the Direct Electron Transfer by Enzyme and Enzyme-Mediator System.. *Applied Biochemistry and Biotechnology*, **2022**, 1	3.2	
2	Fungal Đ-Glucan Films for Electrochemical Biosensing in Food Analysis **2022**, 385-400		
1	The use of carbon nanotubes material in sensing applications for H1-antihistamine drugs **2022**, 335-346		