# Carlos Alberto Rossi Salamanca-Neto

## List of Publications by Year in Descending Order



| | | | |
|---|---|---|---|
| 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 | 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 | |
| 27 | Fungal D-Glucan Films for Electrochemical Biosensing in Food Analysis **2022**, 385-400 | | |
| 26 | The use of carbon nanotubes material in sensing applications for H1-antihistamine drugs **2022**, 335-346 | | |
| 25 | 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 |
| 24 | A photoelectrochemical enzyme biosensor based on functionalized hematite microcubes for rutin determination by square-wave voltammetry. *Mikrochimica Acta*, **2021**, 188, 28 | 5.8 | 3 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | Carboxymethyl-botryosphaeran stabilized carbon nanotubes aqueous dispersion: A new platform design for electrochemical sensing of desloratadine. *Talanta*, **2020**, 210, 120642 | 6.2 | 9 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | Laccase from Botryosphaeria rhodina MAMB-05 as a biological component in electrochemical biosensing devices. *Analytical Methods*, **2019**, 11, 717-720 | 3.2 | 11 |
| 12 | 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 |

| | | | |
|---|---|---|---|
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | Assessment of the performance of triphenylphosphine for the voltammetric determination of elemental sulphur in cosmetic products. *Analyst, The*, **2018**, 143, 3600-3606 | 5 | 1 |
| 7 | The Performance of Boron-Doped Diamond Electrode for the Determination of Ramipril and its Association with Hydrochlorothiazide. *Electroanalysis*, **2017**, 29, 1180-1187 | 3 | 16 |
| 6 | 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 |
| 5 | 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 |
| 4 | Simultaneous Voltammetric Determination of Amlodipine and Atorvastatin on Anodically Pretreated Boron-Doped Diamond Electrode. *Orbital*, **2017**, 9, | 1.4 | 3 |
| 3 | 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 |
| 2 | 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 |
| 1 | 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 |