

# Carlos Alberto Rossi Salamanca-Neto

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

397  
citations

759233

12  
h-index

794594

19  
g-index

29  
all docs

29  
docs citations

29  
times ranked

439  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential pulse voltammetric method for the individual and simultaneous determination of antihypertensive drug metoprolol and its association with hydrochlorothiazide in pharmaceutical dosage forms. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 630-638.	7.8	44
2	Sensitive square-wave voltammetric determination of tadalafil (Cialis®) in pharmaceutical samples using a cathodically pretreated boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2017, 77, 153-158.	3.9	43
3	Advanced sensing performance towards simultaneous determination of quaternary mixture of antihypertensives using boron-doped diamond electrode. <i>Microchemical Journal</i> , 2017, 134, 173-180.	4.5	41
4	Assessment of the use of boron-doped diamond electrode for highly sensitive voltammetric determination of the azo-dye carmoisine Eâ™122 in food and environmental matrices. <i>Talanta</i> , 2020, 220, 121417.	5.5	30
5	Chemometric-assisted construction of a biosensing device to measure chlorogenic acid content in brewed coffee beverages to discriminate quality. <i>Food Chemistry</i> , 2020, 315, 126306.	8.2	30
6	Amperometric determination of ascorbic acid with a glassy carbon electrode modified with TiO <sub>2</sub> -gold nanoparticles integrated into carbon nanotubes. <i>Mikrochimica Acta</i> , 2018, 185, 251.	5.0	25
7	The Performance of Boron-Doped Diamond Electrode for the Determination of Ramipril and its Association with Hydrochlorothiazide. <i>Electroanalysis</i> , 2017, 29, 1180-1187.	2.9	18
8	Fast and sensitive simultaneous determination of antihypertensive drugs amlodipine besylate and ramipril using an electrochemical method: application to pharmaceuticals and blood serum samples. <i>Analytical Methods</i> , 2019, 11, 4006-4013.	2.7	17
9	Boron-doped diamond electrode: a modification-free platform for sensitive square-wave voltammetric determination of indapamide hydrochloride. <i>Analytical Methods</i> , 2018, 10, 3347-3352.	2.7	15
10	Laccase from <i>Botryosphaeria rhodina</i> MAMB-05 as a biological component in electrochemical biosensing devices. <i>Analytical Methods</i> , 2019, 11, 717-720.	2.7	15
11	In-house validation of a totally aqueous voltammetric method for determination of diltiazem hydrochloride. <i>Journal of Electroanalytical Chemistry</i> , 2019, 837, 159-166.	3.8	14
12	Electrochemical evaluation and simultaneous determination of binary mixture of antihypertensives hydrochlorothiazide and enalapril in combined dosage forms using carbon nanotubes paste electrode. <i>Ionics</i> , 2015, 21, 1615-1622.	2.4	12
13	Electrochemical evaluation and voltammetric determination of laxative drug bisacodyl on boron-doped diamond electrode. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 137, 464-469.	5.0	12
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. <i>Journal of Electroanalytical Chemistry</i> , 2020, 862, 113987.	3.8	11
15	Simultaneous Voltammetric Determination of Antihypertensive Drugs Amlodipine and Atenolol in Pharmaceuticals Using a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	10
16	Carboxymethyl-botryosphaeran stabilized carbon nanotubes aqueous dispersion: A new platform design for electrochemical sensing of desloratadine. <i>Talanta</i> , 2020, 210, 120642.	5.5	9
17	A novel sensing platform based on self-doped TiO <sub>2</sub> nanotubes for methylene blue dye electrochemical monitoring during its electro-Fenton degradation. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1951-1959.	2.5	8
18	A differential pulse voltammetric method for submicromolar determination of antihistamine drug desloratadine using an unmodified boron-doped diamond electrode. <i>Analytical Methods</i> , 2020, 12, 1115-1121.	2.7	8

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19	A photoelectrochemical enzyme biosensor based on functionalized hematite microcubes for rutin determination by square-wave voltammetry. <i>Mikrochimica Acta</i> , 2021, 188, 28.	5.0	7
20	Ecometabolic mixture design-fingerprints from exploratory multi-block data analysis in <i>Coffea arabica</i> beans from climate changes: Elevated carbon dioxide and reduced soil water availability. <i>Food Chemistry</i> , 2021, 362, 129716.	8.2	7
21	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. <i>Microchemical Journal</i> , 2021, 162, 105831.	4.5	6
22	Simultaneous Voltammetric Determination of Amlodipine and Atorvastatin on Anodically Pretreated Boron-Doped Diamond Electrode. <i>Orbital</i> , 2017, 9, .	0.3	4
23	Fast surface water quality analysis based on an ultra-sensitive determination of the antidepressant drug duloxetine hydrochloride on a diamond electrode by voltammetry. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-15.	3.3	3
24	Application of botryosphaeran as a carbon black adherent on a glassy carbon electrode for the electrochemical determination of cyclobenzaprine. <i>Electrochimica Acta</i> , 2021, 379, 138176.	5.2	3
25	Electrochemical Characterization of the Laccase-Catalyzed Oxidation of 2,6-Dimethoxyphenol: an Insight into the Direct Electron Transfer by Enzyme and Enzyme-Mediator System. <i>Applied Biochemistry and Biotechnology</i> , 2022, , 1.	2.9	2
26	The use of carbon nanotubes material in sensing applications for H1-antihistamine drugs. , 2022, , 335-346.		2
27	Assessment of the performance of triphenylphosphine for the voltammetric determination of elemental sulphur in cosmetic products. <i>Analyst, The</i> , 2018, 143, 3600-3606.	3.5	1
28	A SIMPLE SQUARE-WAVE VOLTAMMETRIC METHOD FOR THE DETERMINATION OF SCOPOLAMINE IN PHARMACEUTICALS USING A BORON-DOPED DIAMOND ELECTRODE. <i>Quimica Nova</i> , 2014, , .	0.3	0