

AndrÃ© L Santos

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

872
citations

471509

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43
all docs

43
docs citations

43
times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	A disposable electrochemical sensor for the rapid determination of levodopa. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 39, 54-59.	2.8	98
2	Copper determination in ethanol fuel by differential pulse anodic stripping voltammetry at a solid paraffin-based carbon paste electrode modified with 2-aminothiazole organofunctionalized silica. <i>Talanta</i> , 2007, 71, 771-777.	5.5	95
3	Development of conductive inks for electrochemical sensors and biosensors. <i>Microchemical Journal</i> , 2021, 164, 105998.	4.5	81
4	Carbon nanotubes for voltammetric determination of sulphite in some beverages. <i>Food Chemistry</i> , 2015, 173, 763-769.	8.2	60
5	A lab-made screen-printed electrode as a platform to study the effect of the size and functionalization of carbon nanotubes on the voltammetric determination of caffeic acid. <i>Microchemical Journal</i> , 2020, 158, 105297.	4.5	51
6	Rapid Analysis in Continuous-Flow Electrochemical Paper-Based Analytical Devices. <i>ACS Sensors</i> , 2020, 5, 274-281.	7.8	45
7	Nail polish and carbon powder: An attractive mixture to prepare paper-based electrodes. <i>Electrochimica Acta</i> , 2017, 258, 786-792.	5.2	43
8	Glass varnish-based carbon conductive ink: A new way to produce disposable electrochemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127433.	7.8	42
9	Copper determination in ethanol fuel samples by anodic stripping voltammetry at a gold microelectrode. <i>Mikrochimica Acta</i> , 2009, 164, 101-106.	5.0	33
10	A solid paraffin-based carbon paste electrode modified with 2-aminothiazole organofunctionalized silica for differential pulse adsorptive stripping analysis of nickel in ethanol fuel. <i>Analytica Chimica Acta</i> , 2007, 584, 295-301.	5.4	32
11	Flow injection amperometric determination of procaine in pharmaceutical formulation using a screen-printed carbon electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 43, 315-319.	2.8	28
12	A Prussian blue-carbon paste electrode for selective cathodic amperometric determination of nitrite using a flow-injection analysis system with carrier recycling. <i>Electrochimica Acta</i> , 2015, 180, 939-946.	5.2	21
13	Study of electrochemical oxidation and determination of albendazole using a glassy carbon-rotating disk electrode. <i>Il Farmaco</i> , 2005, 60, 671-674.	0.9	20
14	Determinação de chumbo em álcool combustível por voltametria de redissolução anódica utilizando um eletrodo de pasta de carbono modificado com resina de troca iônica Amberlite IR 120. <i>Eletica Quimica</i> , 2006, 31, 45-52.	0.5	20
15	Thermoplastic electrodes as a new electrochemical platform coupled to microfluidic devices for tryptamine determination. <i>Analytica Chimica Acta</i> , 2021, 1147, 116-123.	5.4	20
16	Sample preparation combined with electroanalysis to improve simultaneous determination of antibiotics in animal derived food samples. <i>Food Chemistry</i> , 2018, 250, 7-13.	8.2	19
17	Electrochemical Determination of Organic Compounds in Automotive Fuels. <i>Electroanalysis</i> , 2014, 26, 233-242.	2.9	18
18	Fast and simultaneous determination of Pb ²⁺ and Cu ²⁺ in water samples using a solid paraffin-based carbon paste electrode chemically modified with 2-aminothiazole-silica-gel. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 1727-1735.	0.6	16

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19	A robust and versatile micropipette tip-based miniaturized electrochemical cell for determination of carbendazim. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128880.	7.8	16
20	Square-Wave Voltammetry as Analytical Tool for Real-Time Study of Controlled Naproxen Releasing from Cellulose Derivative Materials. <i>Electroanalysis</i> , 2015, 27, 1847-1854.	2.9	15
21	Graphite sheets modified with poly(methylene blue) films: A cost-effective approach for the electrochemical sensing of the antibiotic nitrofurantoin. <i>Microchemical Journal</i> , 2022, 177, 107289.	4.5	14
22	Electrochemical, Spectrophotometric and Liquid-Chromatographic Approaches for Analysis of Tropical Disease Drugs. <i>Current Pharmaceutical Analysis</i> , 2009, 5, 69-88.	0.6	10
23	Electrochemical Determination of Inorganic Contaminants in Automotive Fuels. <i>Electroanalysis</i> , 2012, 24, 1681-1691.	2.9	10
24	An amperometric FIA system with carrier recycling: an environmentally friendly approach for atenolol determination in pharmaceutical formulations. <i>Analytical Methods</i> , 2016, 8, 8420-8426.	2.7	9
25	Combining Alkaline Extraction and in Situ Plated Bismuth Film for Reliable Quantification of Zn in Multivitamin Formulations. <i>Electroanalysis</i> , 2015, 27, 1616-1624.	2.9	7
26	Square wave voltammetry enables fast quantification and evaluation of Bi ³⁺ extraction from eyeshadow samples. <i>Analytical Methods</i> , 2017, 9, 3831-3838.	2.7	7
27	Threads in tubing: an innovative approach towards improved electrochemical thread-based microfluidic devices. <i>Lab on A Chip</i> , 2022, 22, 3045-3054.	6.0	7
28	Voltammetric determination of ethyl acetate in ethanol fuel using a Fe ³⁺ /Nafion [®] -coated glassy carbon electrode. <i>Fuel</i> , 2013, 106, 837-842.	6.4	5
29	Voltammetric analysis of sun-block preparations containing octocrylene and its association with 2-Hydroxy-4-methoxybenzophenone and octyl methoxycinnamate. <i>Microchemical Journal</i> , 2013, 106, 378-383.	4.5	5
30	A novel miniaturized electroanalytical device integrated with gas extraction for the voltammetric determination of sulfite in beverages. <i>Analytica Chimica Acta</i> , 2021, 1185, 339067.	5.4	5
31	A Reliable Homemade Electrode Based on Glassy Polymeric Carbon. <i>Journal of Chemical Education</i> , 2004, 81, 842.	2.3	4
32	Electrochemical reduction and voltammetric determination of diloxanide furoate in non-aqueous medium. <i>Journal of the Brazilian Chemical Society</i> , 2005, 16, 922-927.	0.6	3
33	Uncured Polydimethylsiloxane as Binder Agent for Carbon Paste Electrodes: Application to the Quantification of Propranolol. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	3
34	Miniaturizing an Electrochemical Cell on a Cyclic Voltammetry Didactic Experiment: Saving Chemicals and Minimizing Waste Generation. <i>Revista Virtual De Química</i> , 2017, 9, 953-973.	0.4	3
35	Zinc Oxide as a Multifunctional Material: From Biomedical Applications to Energy Conversion and Electrochemical Sensing. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 251-305.	0.5	3
36	Study of the electrochemical reduction of amoebicide teclozan and its amperometric determination in pharmaceutical formulations. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1144-1152.	0.6	1

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37	Could Voltammetry be an Effective Alternative Technique to Study Adsorption Kinetics of Electroactive Metal Ions?. <i>Electroanalysis</i> , 2016, 28, 596-600.	2.9	1
38	DEVELOPMENT OF A FLOW INJECTION ANALYSIS SYSTEM EMPLOYING ALTERNATIVE AND LOW-COST MATERIALS FOR DIDACTIC PURPOSES. <i>Quimica Nova</i> , 2014, , .	0.3	1
39	AVALIAÇÃO DO PERFIL DE LIBERAÇÃO DO FÁRMACO IBUPROFENO EM MEMBRANAS SIMÉTRICAS E ASSIMÉTRICAS DE ACETATO DE CELULOSE: EFEITO DA MORFOLOGIA. <i>Quimica Nova</i> , 2019, , .	0.3	1
40	Determinação Voltamétrica de Nitrito Empregando o Ânion $[Fe(CN)_6]^{3-}$ como Mediador Eletroquímico. <i>Orbital</i> , 2015, 7, .	0.3	0
41	Voltammetric Determination of Zn^{2+} in Antiseptic Dusting Powder and Multivitamins Using a Carbon Paste Electrode Modified with Bi Anchored on Amberlite® IR120. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	0
42	MATHEMATICAL PROCESSING COMPARISON OF VOLTAMMETRIC DATA: APPLICATION WITH THE SIMULTANEOUS DETERMINATION OF FLUOROQUINOLONES. <i>Quimica Nova</i> , 2015, , .	0.3	0