

Roberta Antigo Medeiros

List of Publications by Year in descending order

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36
papers

1,631
citations

304602

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360920

35
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docs citations

36
times ranked

1648
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible Light Photoelectrochemical Sensor for Acetaminophen Determination using a Glassy Carbon Electrode Modified with BiVO ₄ Nanoparticles. <i>Electroanalysis</i> , 2021, 33, 663-671.	1.5	13
2	Analytical Applications of Electrochemically Pretreated Boron-Doped Diamond Electrodes. <i>ChemElectroChem</i> , 2020, 7, 1291-1311.	1.7	66
3	Development of a reliable and selective voltammetric method for determination of designer drug 1-(3-chlorophenyl)piperazine (mCPP) using boron-doped diamond electrode and exploiting surfactant-mediated measurements. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127812.	4.0	18
4	Simple Flow Injection Analysis System Coupled to Multiple-Pulse Amperometry and a Boron-Doped Diamond Electrode for the Simultaneous Determination of Sunset Yellow and Aspartame. <i>ChemElectroChem</i> , 2020, 7, 1943-1950.	1.7	4
5	Electroanalytical Determination of Morpholine as a Corrosion Inhibitor at a Cathodically Pretreated Boron-Doped Diamond Electrode. <i>Analytical Letters</i> , 2019, 52, 1083-1096.	1.0	10
6	Feasibility study of ethylone determination in seized samples using boron-doped diamond electrode associated with solid phase extraction. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 1113-1122.	4.0	27
7	Selective and simultaneous determination of indigo carmine and allura red in candy samples at the nano-concentration range by flow injection analysis with multiple pulse amperometric detection. <i>Food Chemistry</i> , 2018, 247, 66-72.	4.2	48
8	Sensitive Voltammetric Method for Piroxicam Determination in Pharmaceutical, Urine and Tap Water Samples Using an Anodically Pretreated Boron-Doped Diamond Electrode. <i>Brazilian Journal of Analytical Chemistry</i> , 2018, 5, 40-50.	0.3	3
9	Comparative Study of Basal-Plane Pyrolytic Graphite, Boron-Doped Diamond, and Amorphous Carbon Nitride Electrodes for the Voltammetric Determination of Furosemide in Pharmaceutical and Urine Samples. <i>Electrochimica Acta</i> , 2016, 197, 179-185.	2.6	31
10	Amperometric flow-injection determination of the anthelmintic drugs ivermectin and levamisole using electrochemically pretreated boron-doped diamond electrodes. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 181-189.	4.0	33
11	Simultaneous voltammetric determination of aspartame and acesulfame-K in food products using an anodically pretreated boron-doped diamond electrode. <i>Analytical Methods</i> , 2015, 7, 2135-2140.	1.3	21
12	Simultaneous determination of antihypertensive drugs by flow injection analysis using multiple pulse amperometric detection with a cathodically pretreated boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2015, 754, 154-159.	1.9	23
13	Square-Wave Voltammetric Determination of Nanomolar Levels of Linuron in Environmental Water Samples Using a Glassy Carbon Electrode Modified with Platinum Nanoparticles within a Dihexadecyl Phosphate Film. <i>Australian Journal of Chemistry</i> , 2015, 68, 800.	0.5	4
14	Electrochemical behaviour of vertically aligned carbon nanotubes and graphene oxide nanocomposite as electrode material. <i>Electrochimica Acta</i> , 2014, 119, 114-119.	2.6	79
15	Square-wave adsorptive stripping voltammetric determination of nanomolar levels of bezafibrate using a glassy carbon electrode modified with multi-walled carbon nanotubes within a dihexadecyl hydrogen phosphate film. <i>Analyst</i> , 2014, 139, 1762-1768.	1.7	24
16	Amorphous carbon nitride as an alternative electrode material in electroanalysis: Simultaneous determination of dopamine and ascorbic acid. <i>Analytica Chimica Acta</i> , 2013, 797, 30-39.	2.6	45
17	Differential pulse voltammetric determination of albendazole in pharmaceutical tablets using a cathodically pretreated boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2013, 707, 15-19.	1.9	34
18	Determination of gemfibrozil in pharmaceutical and urine samples by square-wave adsorptive stripping voltammetry using a glassy carbon electrode modified with multi-walled carbon nanotubes within a dihexadecyl hydrogen phosphate film. <i>Journal of Electroanalytical Chemistry</i> , 2013, 690, 32-37.	1.9	26

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19	Simultaneous voltammetric determination of synthetic colorants in food using a cathodically pretreated boron-doped diamond electrode. <i>Talanta</i> , 2012, 97, 291-297.	2.9	96
20	Flow injection simultaneous determination of synthetic colorants in food using multiple pulse amperometric detection with a boron-doped diamond electrode. <i>Talanta</i> , 2012, 99, 883-889.	2.9	67
21	Direct electrochemistry of tyrosinase and biosensing for phenol based on gold nanoparticles electrodeposited on a boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2012, 25, 128-133.	1.8	62
22	Simultaneous detection of ascorbic acid and dopamine with electrochemically pretreated carbon nitride electrodes: Comparison with boron-doped diamond electrodes. <i>Electrochemistry Communications</i> , 2012, 24, 61-64.	2.3	31
23	Differential pulse voltammetric determination of ciprofibrate in pharmaceutical formulations using a glassy carbon electrode modified with functionalized carbon nanotubes within a poly(allylamine) Tj ETQq1 1 0.784314 rgBT /overlock	1.4	10
24	Simultaneous Differential Pulse Voltammetric Determination of Ascorbic Acid and Caffeine in Pharmaceutical Formulations Using a Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2010, 22, 1717-1723.	1.5	59
25	Simultaneous voltammetric determination of phenolic antioxidants in food using a boron-doped diamond electrode. <i>Food Chemistry</i> , 2010, 123, 886-891.	4.2	109
26	Square-wave voltammetric determination of propranolol and atenolol in pharmaceuticals using a boron-doped diamond electrode. <i>Talanta</i> , 2010, 81, 1418-1424.	2.9	107
27	Simple Flow Injection Analysis System for Simultaneous Determination of Phenolic Antioxidants with Multiple Pulse Amperometric Detection at a Boron-Doped Diamond Electrode. <i>Analytical Chemistry</i> , 2010, 82, 8658-8663.	3.2	89
28	Differential Pulse Voltammetric Determination of Sildenafil Citrate (Viagra®) in Pharmaceutical Formulations Using a Boron-Doped Diamond Electrode. <i>Analytical Letters</i> , 2010, 43, 1046-1054.	1.0	44
29	Square-wave voltammetric determination of acetylsalicylic acid in pharmaceutical formulations using a boron-doped diamond electrode without the need of previous alkaline hydrolysis step. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 360-366.	0.6	63
30	Voltammetric Determination of Rutin Using a Carbon Composite Electrode Modified with Copper(II)-Resin. <i>Analytical Letters</i> , 2009, 42, 881-897.	1.0	19
31	Simultaneous voltammetric determination of paracetamol and caffeine in pharmaceutical formulations using a boron-doped diamond electrode. <i>Talanta</i> , 2009, 78, 748-752.	2.9	248
32	Simultaneous square-wave voltammetric determination of aspartame and cyclamate using a boron-doped diamond electrode. <i>Talanta</i> , 2008, 76, 685-689.	2.9	55
33	Desenvolvimento de um procedimento biamperométrico para determinação de sacarina em produtos dietéticos. <i>Química Nova</i> , 2008, 31, 1743-1746.	0.3	14
34	Determinação voltamétrica de ciclamato de sódio em produtos dietéticos empregando um eletrodo de diamante dopado com boro. <i>Química Nova</i> , 2008, 31, 1405-1409.	0.3	17
35	Square-Wave Voltammetry Determination of Aspartame in Dietary Products Using a Boron-Doped Diamond Electrode. <i>Analytical Letters</i> , 2007, 40, 3195-3207.	1.0	22
36	Flow Injection Analysis System Coupled to Chronoamperometry and Boron-Doped Diamond Electrode for Determination of Synthetic Hormones 17 β -Ethinylestradiol and Cyproterone Acetate. <i>Analytical Letters</i> , 0, , 1-17.	1.0	0