Orlando Fatibello-Filho

List of Publications by Year
in descending order

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336 papers	11,228 citations	22099 59 h-index	62479 80 g-index
340 all docs	340 docs citations	340 times ranked	8637 citing authors

#	Article	IF	Citations
1	Sensitive and Selective Voltammetric Determination of Ciprofloxacin Using Screenâ€printed Electrodes Modified with Carbon Black and Magneticâ€molecularly Imprinted Polymer. Electroanalysis, 2023, 35, .	1.5	5
2	Photoelectrocatalytic degradation of caffeine using bismuth vanadate modified with reduced graphene oxide. Materials Research Bulletin, 2022, 145, 111539.	2.7	7
3	Use of carbon black based electrode as sensor for solid-state electrochemical studies and voltammetric determination of solid residues of lead. Talanta, 2022, 236, 122881.	2.9	7
4	Potentiometric Biosensors. , 2022, , 265-272.		1
5	Using Carbon Paste Electrode Modified with Graphene and Nanodiamond for the Determination of Nimesulide in Biologic and Environmental Samples. Electroanalysis, 2022, 34, 1441-1449.	1.5	7
6	Enhancing the electrochemical sensitivity of hydroquinone using a hydrophobic deep eutectic solvent-based carbon paste electrode. Analytical Methods, 2022, 14, 2003-2013.	1.3	3
7	Amperometric Tyrosinase Biosensor Based on Carbon Black Paste Electrode for Sensitive Detection of Catechol in Environmental Samples. Electroanalysis, 2021, 33, 431-437.	1.5	10
8	Voltammetric determination of ethinylestradiol using screen-printed electrode modified with functionalized graphene, graphene quantum dots and magnetic nanoparticles coated with molecularly imprinted polymers. Talanta, 2021, 224, 121804.	2.9	40
9	Simultaneous determination of direct yellow 50, tryptophan, carbendazim, and caffeine in environmental and biological fluid samples using graphite pencil electrode modified with palladium nanoparticles. Talanta, 2021, 222, 121539.	2.9	35
10	A voltammetric sensor based on a carbon black and chitosan-stabilized gold nanoparticle nanocomposite for ketoconazole determination. Analytical Methods, 2021, 13, 4495-4502.	1.3	7
11	A novel carbon nanosphere-based sensor used for herbicide detection. Environmental Technology and Innovation, 2021, 22, 101529.	3.0	7
12	A Novel Electrochemical Glassy Carbon Electrode Modified with Carbon Black and Glyceline Deep Eutectic Solvent within a Crosslinked Chitosan Film for Simultaneous Determination of Acetaminophen and Diclofenac. Electroanalysis, 2021, 33, 2351-2360.	1.5	8
13	Multivariate optimization of a novel electrode film architecture containing gold nanoparticle-decorated activated charcoal for voltammetric determination of levodopa levels in pre-therapeutic phase of Parkinson`s disease. Electrochimica Acta, 2021, 390, 138851.	2.6	8
14	Titanium dioxide/cadmium sulfide photoanode applied to photoelectrodegradation of naproxen in wastewater. Journal of Electroanalytical Chemistry, 2021, 897, 115571.	1.9	1
15	Flow injection analysis system with electrochemical detection for the simultaneous determination of nanomolar levels of acetaminophen and codeine. Arabian Journal of Chemistry, 2020, 13, 335-345.	2.3	30
16	A new electrochemical platform based on low cost nanomaterials for sensitive detection of the amoxicillin antibiotic in different matrices. Talanta, 2020, 206, 120252.	2.9	92
17	Non-enzymatic electrochemical determination of creatinine using a novel screen-printed microcell. Talanta, 2020, 207, 120277.	2.9	35
18	3D-Printed graphene/polylactic acid electrode for bioanalysis: Biosensing of glucose and simultaneous determination of uric acid and nitrite in biological fluids. Sensors and Actuators B: Chemical, 2020, 307, 127621.	4.0	142

#	Article	IF	Citations
19	Electrochemical sensor based on ionic liquid and carbon black for voltammetric determination of Allura red colorant at nanomolar levels in soft drink powders. Talanta, 2020, 209, 120588.	2.9	38
20	Sensitive Voltammetric Detection of Chloroquine Drug by Applying a Boron-Doped Diamond Electrode. Journal of Carbon Research, 2020, 6, 75.	1.4	10
21	Polyphenol oxidase-based electrochemical biosensors: A review. Analytica Chimica Acta, 2020, 1139, 198-221.	2.6	40
22	Highly sensitive photoelectrochemical immunosensor based on anatase/rutile TiO2 and Bi2S3 for the zero-biased detection of PSA. Journal of Solid State Electrochemistry, 2020, 24, 1801-1809.	1.2	16
23	Using Bismuth Vanadate/Copper Oxide Nanocomposite as Photoelectrochemical Sensor for Naproxen Determination in Sewage. Electroanalysis, 2020, 32, 1930-1937.	1.5	10
24	Using BiVO4/CuO-Based Photoelectrocatalyzer for 4-Nitrophenol Degradation. Materials, 2020, 13, 1322.	1.3	17
25	Electrochemical determination of capsaicin in pepper samples using sustainable paper-based screen-printed bulk modified with carbon black. Electrochimica Acta, 2020, 354, 136628.	2.6	29
26	Analytical Applications of Electrochemically Pretreated Boronâ€Doped Diamond Electrodes. ChemElectroChem, 2020, 7, 1291-1311.	1.7	66
27	New Disposable Electrochemical Paperâ€based Microfluidic Device with Multiplexed Electrodes for Biomarkers Determination in Urine Sample. Electroanalysis, 2020, 32, 1075-1083.	1.5	35
28	Simple Flow Injection Analysis System Coupled to Multipleâ€Pulse Amperometry and a Boronâ€Doped Diamond Electrode for the Simultaneous Determination of Sunset Yellow and Aspartame. ChemElectroChem, 2020, 7, 1943-1950.	1.7	4
29	Carbon black-chitosan film-based electrochemical sensor for losartan. Journal of Solid State Electrochemistry, 2020, 24, 1827-1834.	1.2	10
30	Effect of Different Carbon Blacks on the Simultaneous Electroanalysis of Drugs as Water Contaminants Based on Screenâ€printed Sensors. Electroanalysis, 2019, 31, 2145-2154.	1.5	27
31	Novel electrochemical sensor based on nanodiamonds and manioc starch for detection of diquat in environmental samples. Diamond and Related Materials, 2019, 98, 107512.	1.8	28
32	Square-wave adsorptive anodic stripping voltammetric determination of norfloxacin using a glassy carbon electrode modified with carbon black and CdTe quantum dots in a chitosan film. Mikrochimica Acta, 2019, 186, 148.	2.5	33
33	Electrochemical paper-based microfluidic device for high throughput multiplexed analysis. Talanta, 2019, 203, 280-286.	2.9	72
34	Simultaneous electrochemical sensing of ascorbic acid and uric acid under biofouling conditions using nanoporous gold electrodes. Journal of Electroanalytical Chemistry, 2019, 846, 113160.	1.9	39
35	Voltammetric determination of 17Î²-estradiol in different matrices using a screen-printed sensor modified with CuPc, Printex 6L carbon and Nafion film. Microchemical Journal, 2019, 147, 365-373.	2.3	26
36	Simultaneous determination of environmental contaminants using a graphite oxide â€“ Polyurethane composite electrode modified with cyclodextrin. Materials Science and Engineering C, 2019, 99, 1415-1423.	3.8	11

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37	Voltammetric sensing of fenitrothion in natural water and orange juice samples using a single-walled carbon nanohorns and zein modified sensor. Journal of Electroanalytical Chemistry, 2019, 840, 21-26.	1.9	28
38	Simultaneous voltammetric sensing of levodopa, piroxicam, ofloxacin and methocarbamol using a carbon paste electrode modified with graphite oxide and Î²-cyclodextrin. Mikrochimica Acta, 2019, 186, 174.	2.5	23
39	A new disposable microfluidic electrochemical paper-based device for the simultaneous determination of clinical biomarkers. Talanta, 2019, 195, 62-68.	2.9	70
40	Bismuth vanadate/graphene quantum dot: A new nanocomposite for photoelectrochemical determination of dopamine. Sensors and Actuators B: Chemical, 2019, 285, 248-253.	4.0	45
41	Electroanalytical determination of eugenol in clove oil by voltammetry of immobilized microdroplets. Journal of Solid State Electrochemistry, 2018, 22, 2277-2285.	1.2	11
42	Simultaneous determination of dopamine and cysteamine by flow injection with multiple pulse amperometric detection using a boron-doped diamond electrode. Diamond and Related Materials, 2018, 85, 68-73.	1.8	25
43	Simultaneous determination of isoproterenol, acetaminophen, folic acid, propranolol and caffeine using a sensor platform based on carbon black, graphene oxide, copper nanoparticles and PEDOT:PSS. Talanta, 2018, 183, 329-338.	2.9	80
44	Study of electrooxidation and enhanced voltammetric determination of Î²-blocker pindolol using a boron-doped diamond electrode. Diamond and Related Materials, 2018, 82, 109-114.	1.8	20
45	A nano-magnetic electrochemical sensor for the determination of mood disorder related substances. RSC Advances, 2018, 8, 14040-14047.	1.7	28
46	A new and simple method for the simultaneous determination of amoxicillin and nimesulide using carbon black within a dihexadecylphosphate film as electrochemical sensor. Talanta, 2018, 179, 115-123.	2.9	113
47	Simultaneous determination of paracetamol and levofloxacin using a glassy carbon electrode modified with carbon black, silver nanoparticles and PEDOT:PSS film. Sensors and Actuators B: Chemical, 2018, 255, 2264-2273.	4.0	109
48	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. Food Chemistry, 2018, 247, 66-72.	4.2	48
49	Carbon black supported Auâ€“Pd core-shell nanoparticles within a dihexadecylphosphate film for the development of hydrazine electrochemical sensor. Sensors and Actuators B: Chemical, 2018, 256, 535-542.	4.0	59
50	Bismuth Vanadate/Reduced Graphene Oxide Nanocomposite Electrode for Photoelectrochemical Determination of Diclofenac in Urine. Electroanalysis, 2018, 30, 2704-2711.	1.5	11
51	Development of a simple electrochemical sensor for the simultaneous detection of anticancer drugs. Journal of Electroanalytical Chemistry, 2018, 827, 64-72.	1.9	47
52	Effect of carbon black functionalization on the analytical performance of a tyrosinase biosensor based on glassy carbon electrode modified with dihexadecylphosphate film. Enzyme and Microbial Technology, 2018, 116, 41-47.	1.6	48
53	Simultaneous determination of salbutamol and propranolol in biological fluid samples using an electrochemical sensor based on functionalized-graphene, ionic liquid and silver nanoparticles. Journal of Electroanalytical Chemistry, 2018, 824, 1-8.	1.9	61
54	Electrochemical biosensor made with tyrosinase immobilized in a matrix of nanodiamonds and potato starch for detecting phenolic compounds. Analytica Chimica Acta, 2018, 1034, 137-143.	2.6	77

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55	Assessment of the performance of triphenylphosphine for the voltammetric determination of elemental sulphur in cosmetic products. Analyst, The, 2018, 143, 3600-3606.	1.7	1
56	The application of graphene for in vitro and in vivo electrochemical biosensing. Biosensors and Bioelectronics, 2017, 89, 224-233.	5.3	78
57	Use of a boron-doped diamond electrode to assess the electrochemical response of the naphthol isomers and to attain their truly simultaneous electroanalytical determination. Electrochimica Acta, 2017, 243, 374-381.	2.6	35
58	A combination of voltammetry of immobilized microparticles and carbon black-based crosslinked chitosan films deposited on glassy carbon electrode for the quantification of hydroquinone in dermatologic cream samples. Journal of Solid State Electrochemistry, 2017, 21, 2859-2868.	1.2	17
59	A nanodiamond-based electrochemical sensor for the determination of pyrazinamide antibiotic. Sensors and Actuators B: Chemical, 2017, 250, 315-323.	4.0	77
60	Simultaneous determination of paracetamol and ciprofloxacin in biological fluid samples using a glassy carbon electrode modified with graphene oxide and nickel oxide nanoparticles. Talanta, 2017, 174, 610-618.	2.9	99
61	Nanodiamonds stabilized in dihexadecyl phosphate film for electrochemical study and quantification of codeine in biological and pharmaceutical samples. Diamond and Related Materials, 2017, 74, 191-196.	1.8	46
62	Porous boron-doped diamond/CNT electrode as electrochemical sensor for flow-injection analysis applications. Diamond and Related Materials, 2017, 74, 182-190.	1.8	16
63	The use of modified electrode with carbon black as sensor to the electrochemical studies and voltammetric determination of pesticide mesotrione. Microchemical Journal, 2017, 133, 188-194.	2.3	45
64	Square-wave adsorptive anodic stripping voltammetric determination of ramipril using an electrochemical sensor based on nanostructured carbon black. Analytical Methods, 2017, 9, 4680-4687.	1.3	20
65	Graphite Oxide and Gold Nanoparticles as Alternative Materials in the Design of a Highly Sensitive Electrochemical Sensor for the Simultaneous Determination of Biological Species. Electroanalysis, 2017, 29, 2491-2497.	1.5	7
66	Sensitive voltammetric determination of hydroxyzine and its main metabolite cetirizine and identification of oxidation products by nuclear magnetic resonance spectroscopy. Journal of Electroanalytical Chemistry, 2017, 807, 187-195.	1.9	15
67	Electrochemical sensor based on reduced graphene oxide/carbon black/chitosan composite for the simultaneous determination of dopamine and paracetamol concentrations in urine samples. Journal of Electroanalytical Chemistry, 2017, 799, 436-443.	1.9	125
68	Determination of piroxicam and nimesulide using an electrochemical sensor based on reduced graphene oxide and PEDOT:PSS. Journal of Electroanalytical Chemistry, 2017, 799, 547-555.	1.9	57
69	Simultaneous Voltammetric Determination of Paracetamol, Codeine and Caffeine on Diamondâ€like Carbon Porous Electrodes. Electroanalysis, 2017, 29, 907-916.	1.5	21
70	A disposable and inexpensive bismuth film minisensor for a voltammetric determination of diquat and paraquat pesticides in natural water samples. Sensors and Actuators B: Chemical, 2017, 240, 749-756.	4.0	48
71	An Overview of Pesticide Monitoring at Environmental Samples Using Carbon Nanotubes-Based Electrochemical Sensors. Journal of Carbon Research, 2017, 3, 8.	1.4	21
72	Electrochemical Biosensors Based on Nanostructured Carbon Black: A Review. Journal of Nanomaterials, 2017, 2017, 1-14.	1.5	90

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73	Tailoring copper (II) methacrylateâ€containing copolymers and its use as electrode modifier agent in electroanalytical applications. Journal of Applied Polymer Science, 2016, 133, .	1.3	1
74	Electroanalytical sensing of indigo carmine dye in water samples using a cathodically pretreated boron-doped diamond electrode. Journal of Electroanalytical Chemistry, 2016, 769, 28-34.	1.9	33
75	Novel flow injection spectrophotometric determination of ranitidine in pharmaceuticals. Canadian Journal of Chemistry, 2016, 94, 604-607.	0.6	1
76	Diamond-coated â€˜black siliconâ€™ as a promising material for high-surface-area electrochemical electrodes and antibacterial surfaces. Journal of Materials Chemistry B, 2016, 4, 5737-5746.	2.9	86
77	Electrochemical sensor based on graphene oxide and ionic liquid for ofloxacin determination at nanomolar levels. Talanta, 2016, 161, 333-341.	2.9	56
78	Electrochemical sensing of levodopa or carbidopa using a glassy carbon electrode modified with carbon nanotubes within a poly(allylamine hydrochloride) film. Analytical Methods, 2016, 8, 1274-1280.	1.3	16
79	High temperature low vacuum synthesis of a freestanding three-dimensional graphene nano-ribbon foam electrode. Journal of Materials Chemistry A, 2016, 4, 2617-2629.	5.2	19
80	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. Electrochimica Acta, 2016, 197, 179-185.	2.6	31
81	A biosensor based on gold nanoparticles, dihexadecylphosphate, and tyrosinase for the determination of catechol in natural water. Enzyme and Microbial Technology, 2016, 84, 17-23.	1.6	93
82	A new sensor architecture based on carbon Printex 6L to the electrochemical determination of ranitidine. Journal of Solid State Electrochemistry, 2016, 20, 2395-2402.	1.2	22
83	Promising electrochemical performance of high-surface-area boron-doped diamond/carbon nanotube electroanalytical sensors. Journal of Solid State Electrochemistry, 2016, 20, 2403-2409.	1.2	25
84	Square-wave voltammetric determination of clindamycin using a glassy carbon electrode modified with graphene oxide and gold nanoparticles within a crosslinked chitosan film. Sensors and Actuators B: Chemical, 2016, 231, 183-193.	4.0	50
85	Nanostructured carbon black for simultaneous sensing in biological fluids. Sensors and Actuators B: Chemical, 2016, 227, 610-618.	4.0	95
86	Direct electrochemistry of hemoglobin and biosensing for hydrogen peroxide using a film containing silver nanoparticles and poly(amidoamine) dendrimer. Materials Science and Engineering C, 2016, 58, 97-102.	3.8	58
87	Amperometric flow-injection determination of the anthelmintic drugs ivermectin and levamisole using electrochemically pretreated boron-doped diamond electrodes. Sensors and Actuators B: Chemical, 2016, 222, 181-189.	4.0	33
88	An Electrochemical Sensor for the Simultaneous Determination of Paracetamol and Codeine Using a Glassy Carbon Electrode Modified with Nickel Oxide Nanoparticles and Carbon Black. Electroanalysis, 2015, 27, 2214-2220.	1.5	62
89	Square-Wave Voltammetric Determination of Paracetamol and Codeine in Pharmaceutical and Human Body Fluid Samples Using a Cathodically Pretreated Boron-Doped Diamond Electrode. Journal of the Brazilian Chemical Society, 2015, , .	0.6	8
90	SIMULTANEOUS VOLTAMMETRIC DETERMINATION OF AMLODIPINE BESYLATE AND HYDROCHLOROTHIAZIDE IN SYNTHETIC URINE SAMPLES USING A BORON-DOPED DIAMOND ELECTRODE. Quimica Nova, 2015, , .	0.3	2

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91	A Compact Microcontrolled Microfluidic System for Photometric Determination of Phosphate in Natural Water Samples. Australian Journal of Chemistry, 2015, 68, 1108.	0.5	3
92	Simultaneous voltammetric determination of aspartame and acesulfame-K in food products using an anodically pretreated boron-doped diamond electrode. Analytical Methods, 2015, 7, 2135-2140.	1.3	21
93	Simultaneous determination of antihypertensive drugs by flow injection analysis using multiple pulse amperometric detection with a cathodically pretreated boron-doped diamond electrode. Journal of Electroanalytical Chemistry, 2015, 754, 154-159.	1.9	23
94	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. Australian Journal of Chemistry, 2015, 68, 800.	0.5	4
95	Square-wave voltammetric determination of rosuvastatin calcium in pharmaceutical and biological fluid samples using a cathodically pretreated boron-doped diamond electrode. Diamond and Related Materials, 2015, 58, 103-109.	1.8	23
96	A digital image analysis method for quantification of sulfite in beverages. Analytical Methods, 2015, 7, 7568-7573.	1.3	33
97	A digital image-based method employing a spot-test for quantification of ethanol in drinks. Analytical Methods, 2015, 7, 4138-4144.	1.3	64
98	Electrochemical determination of rosuvastatin calcium in pharmaceutical and human body fluid samples using a composite of vertically aligned carbon nanotubes and graphene oxide as the electrode material. Sensors and Actuators B: Chemical, 2015, 218, 51-59.	4.0	30
99	Voltammetric determination of ciprofloxacin in urine samples and its interaction with dsDNA on a cathodically pretreated boron-doped diamond electrode. Analytical Methods, 2015, 7, 3411-3418.	1.3	55
100	Flow injection simultaneous determination of acetaminophen and tramadol in pharmaceutical and biological samples using multiple pulse amperometric detection with a boron-doped diamond electrode. Diamond and Related Materials, 2015, 60, 1-8.	1.8	37
101	The use of dihexadecylphosphate in sensing and biosensing. Sensors and Actuators B: Chemical, 2015, 220, 805-813.	4.0	20
102	Electroanalytical determination of the linuron herbicide using a cathodically pretreated boron-doped diamond electrode: comparison with a boron-doped diamond electrode modified with platinum nanoparticles. Analytical Methods, 2015, 7, 643-649.	1.3	26
103	An electrochemical analyzer for in situ flow determination of Pb(<scp>ii</scp>) and Cd(<scp>ii</scp>) in lake water with on-line data transmission and a global positioning system. Analytical Methods, 2015, 7, 3105-3112.	1.3	19
104	Imparting improvements in electrochemical sensors: evaluation of different carbon blacks that give rise to significant improvement in the performance of electroanalytical sensing platforms. Electrochimica Acta, 2015, 157, 125-133.	2.6	120
105	Preparation and electroanalytical applications of vertically aligned carbon nanotubes. SPR Electrochemistry, 2015, , 50-96.	0.7	3
106	Microcantilever sensors coated with doped polyaniline for the detection of water vapor. Scanning, 2014, 36, 311-316.	0.7	17
107	Electrochemical behaviour of vertically aligned carbon nanotubes and graphene oxide nanocomposite as electrode material. Electrochimica Acta, 2014, 119, 114-119.	2.6	79
108	Atomic force microscope microcantilevers used as sensors for monitoring humidity. Microelectronic Engineering, 2014, 113, 80-85.	1.1	25

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109	A low-cost automated flow analyzer based on low temperature co-fired ceramic and LED photometer for ascorbic acid determination. Open Chemistry, 2014, 12, 341-347.	1.0	6
110	Simultaneous voltammetric determination of dopamine and epinephrine in human body fluid samples using a glassy carbon electrode modified with nickel oxide nanoparticles and carbon nanotubes within a dihexadecylphosphate film. Analyst, The, 2014, 139, 2842.	1.7	78
111	Pb(II) determination in natural water using a carbon nanotubes paste electrode modified with crosslinked chitosan. Microchemical Journal, 2014, 116, 191-196.	2.3	56
112	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. Analyst, The, 2014, 139, 1762-1768.	1.7	24
113	Electrochemical Performance of Porous Diamond-like Carbon Electrodes for Sensing Hormones, Neurotransmitters, and Endocrine Disruptors. ACS Applied Materials & Interfaces, 2014, 6, 21086-21092.	4.0	42
114	Differential pulse adsorptive stripping voltammetric determination of nanomolar levels of atorvastatin calcium in pharmaceutical and biological samples using a vertically aligned carbon nanotube/graphene oxide electrode. Analyst, The, 2014, 139, 2832.	1.7	37
115	A versatile and robust electrochemical flow cell with a boron-doped diamond electrode for simultaneous determination of Zn²⁺and Pb²⁺ions in water samples. Analytical Methods, 2014, 6, 8526-8534.	1.3	17
116	A novel architecture based upon multi-walled carbon nanotubes and ionic liquid to improve the electroanalytical detection of ciprofibrate. Analyst, The, 2014, 139, 3961.	1.7	14
117	Electroanalytical Performance of a Freestanding Threeâ€Dimensional Graphene Foam Electrode. Electroanalysis, 2014, 26, 93-102.	1.5	26
118	Voltammetric Studies of Propranolol and Hydrochlorothiazide Oxidation in Standard and Synthetic Biological Fluids Using a Nitrogen-Containing Tetrahedral Amorphous Carbon (ta-C:N) Electrode. Electrochimica Acta, 2014, 143, 398-406.	2.6	36
119	Square-wave voltammetric determination of hydroxychloroquine in pharmaceutical and synthetic urine samples using a cathodically pretreated boron-doped diamond electrode. Journal of Electroanalytical Chemistry, 2014, 719, 19-23.	1.9	77
120	A thermostated electrochemical flow cell with a coupled bismuth film electrode for square-wave anodic stripping voltammetric determination of cadmium(II) and lead(II) in natural, wastewater and tap water samples. Talanta, 2014, 126, 82-90.	2.9	30
121	Development of a carbon nanotube paste electrode modified with zinc phosphate for captopril determination in pharmaceutical and biological samples. Analytical Methods, 2014, 6, 1324.	1.3	10
122	Microcantilever Sensors Coated with a Sensitive Polyaniline Layer for Detecting Volatile Organic Compounds. Journal of Nanoscience and Nanotechnology, 2014, 14, 6718-6722.	0.9	23
123	Inexpensive and disposable copper mini-sensor modified with bismuth for lead and cadmium determination using square-wave anodic stripping voltammetry. Analytical Methods, 2013, 5, 202-207.	1.3	51
124	Differential pulse adsorptive stripping voltammetric determination of nanomolar levels of methotrexate utilizing bismuth film modified electrodes. Sensors and Actuators B: Chemical, 2013, 188, 334-339.	4.0	28
125	Differential pulse adsorptive stripping voltammetric determination of methotrexate using a functionalized carbon nanotubes-modified glassy carbon electrode. Open Chemistry, 2013, 11, 1837-1843.	1.0	11
126	Flow-injection spectrophotometric determination of dipyrone in pharmaceutical formulations using a solid-phase reactor with copper(II) phosphate. Open Chemistry, 2013, 11, 1830-1836.	1.0	4

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127	Exploring the electrochemical performance of graphitic paste electrodes: graphene vs. graphite. Analyst, The, 2013, 138, 6354.	1.7	33
128	Voltammetric determination of verapamil and propranolol using a glassy carbon electrode modified with functionalized multiwalled carbon nanotubes within a poly (allylamine hydrochloride) film. Journal of Electroanalytical Chemistry, 2013, 708, 73-79.	1.9	52
129	Amorphous carbon nitride as an alternative electrode material in electroanalysis: Simultaneous determination of dopamine and ascorbic acid. Analytica Chimica Acta, 2013, 797, 30-39.	2.6	45
130	Differential pulse voltammetric determination of albendazole in pharmaceutical tablets using a cathodically pretreated boron-doped diamond electrode. Journal of Electroanalytical Chemistry, 2013, 707, 15-19.	1.9	34
131	Tyrosinase biosensor based on a glassy carbon electrode modified with multi-walled carbon nanotubes and 1-butyl-3-methylimidazolium chloride within a dihexadecylphosphate film. Sensors and Actuators B: Chemical, 2013, 188, 1101-1108.	4.0	89
132	Forensic electrochemistry: sensing the molecule of murder atropine. Analyst, The, 2013, 138, 1053.	1.7	46
133	Freestanding three-dimensional graphene foam gives rise to beneficial electrochemical signatures within non-aqueous media. Journal of Materials Chemistry A, 2013, 1, 5962.	5.2	88
134	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. Journal of Electroanalytical Chemistry, 2013, 690, 32-37.	1.9	26
135	Electrochemical sensor for ranitidine determination based on carbon paste electrode modified with oxovanadium (IV) salen complex. Materials Science and Engineering C, 2013, 33, 4081-4085.	3.8	33
136	Square-wave voltammetric determination of paraquat using a glassy carbon electrode modified with multiwalled carbon nanotubes within a dihexadecylhydrogenphosphate (DHP) film. Sensors and Actuators B: Chemical, 2013, 181, 306-311.	4.0	78
137	Exploring the origins of the apparent â€œelectrocatalyticâ€•oxidation of kojic acid at graphene modified electrodes. Analyst, The, 2013, 138, 4436-4442.	1.7	31
138	Square-wave voltammetric determination of bezafibrate in pharmaceutical formulations using a cathodically pretreated boron-doped diamond electrode. Talanta, 2013, 103, 201-206.	2.9	35
139	A Compact Miniaturized Flow System Based on Low-Temperature Co-fired Ceramic Technology Coupled to LED Mini-photometer for Determination of Dipyrone in Pharmaceutical Formulations. Journal of the Brazilian Chemical Society, 2013, , .	0.6	2
140	Determination of Propylthiouracil in Pharmaceuticals by Differential Pulse Voltammetry Using a Cathodically Pretreated Boron-Doped Diamond Electrode. Journal of the Brazilian Chemical Society, 2013, , .	0.6	3
141	Tryptophan Determination at Carbon Fiber Ultramicroelectrodes by Fast-Scan Cyclic Voltammetry. Journal of the Brazilian Chemical Society, 2013, , .	0.6	1
142	Bioelectroanalysis of pharmaceutical compounds. , 2013, , 245-267.		0
143	Simultaneous voltammetric determination of synthetic colorants in food using a cathodically pretreated boron-doped diamond electrode. Talanta, 2012, 97, 291-297.	2.9	96
144	Flow injection simultaneous determination of synthetic colorants in food using multiple pulse amperometric detection with a boron-doped diamond electrode. Talanta, 2012, 99, 883-889.	2.9	67

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145	Direct electrochemistry of tyrosinase and biosensing for phenol based on gold nanoparticles electrodeposited on a boron-doped diamond electrode. Diamond and Related Materials, 2012, 25, 128-133.	1.8	62
146	Simultaneous detection of ascorbic acid and dopamine with electrochemically pretreated carbon nitride electrodes: Comparison with boron-doped diamond electrodes. Electrochemistry Communications, 2012, 24, 61-64.	2.3	31
147	Square-wave voltammetric determination of rutin in pharmaceutical formulations using a carbon composite electrode modified with copper (II) phosphate immobilized in polyester resin. Brazilian Journal of Pharmaceutical Sciences, 2012, 48, 639-649.	1.2	13
148	Flow-injection spectrophotometric determination of captopril in pharmaceutical formulations using a new solid-phase reactor containing AgSCN immobilized in a polyurethane resin. Brazilian Journal of Pharmaceutical Sciences, 2012, 48, 325-333.	1.2	12
149	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	2.14	20
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