Orlando Fatibello-Filho

List of Publications by Year in Descending Order

322 papers	8,848 citations	50 h-index	69 g-index
340 ext. papers	9,808 ext. citations	4.1 avg, IF	6.52 L-index

#	Paper	IF	Citations
322	Potentiometric Biosensors **2022**, 265-272		0
321	Photoelectrocatalytic degradation of caffeine using bismuth vanadate modified with reduced graphene oxide. *Materials Research Bulletin*, **2022**, 145, 111539	5.1	0
320	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	6.2	1
319	A novel carbon nanosphere-based sensor used for herbicide detection. *Environmental Technology and Innovation*, **2021**, 22, 101529	7	4
318	Amperometric Tyrosinase Biosensor Based on Carbon Black Paste Electrode for Sensitive Detection of Catechol in Environmental Samples. *Electroanalysis*, **2021**, 33, 431-437	3	5
317	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	6.2	15
316	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	6.2	14
315	A voltammetric sensor based on a carbon black and chitosan-stabilized gold nanoparticle nanocomposite for ketoconazole determination. *Analytical Methods*, **2021**, 13, 4495-4502	3.2	2
314	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	6.7	0
313	Titanium dioxide/cadmium sulfide photoanode applied to photoelectrodegradation of naproxen in wastewater. *Journal of Electroanalytical Chemistry*, **2021**, 897, 115571	4.1	
312	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	2.6	7
311	Using Bismuth Vanadate/Copper Oxide Nanocomposite as Photoelectrochemical Sensor for Naproxen Determination in Sewage. *Electroanalysis*, **2020**, 32, 1930-1937	3	4
310	Using BiVO/CuO-Based Photoelectrocatalyzer for 4-Nitrophenol Degradation. *Materials*, **2020**, 13,	3.5	8
309	Electrochemical determination of capsaicin in pepper samples using sustainable paper-based screen-printed bulk modified with carbon black. *Electrochimica Acta*, **2020**, 354, 136628	6.7	17
308	Analytical Applications of Electrochemically Pretreated Boron-Doped Diamond Electrodes. *ChemElectroChem*, **2020**, 7, 1291-1311	4.3	37
307	New Disposable Electrochemical Paper-based Microfluidic Device with Multiplexed Electrodes for Biomarkers Determination in Urine Sample. *Electroanalysis*, **2020**, 32, 1075-1083	3	16
306	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. *ChemElectroChem*, **2020**, 7, 1943-1950	4.3	3

305	Carbon black-chitosan film-based electrochemical sensor for losartan. *Journal of Solid State Electrochemistry*, **2020**, 24, 1827-1834	2.6	5
304	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	8.5	91
303	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	6.2	21
302	Sensitive Voltammetric Detection of Chloroquine Drug by Applying a Boron-Doped Diamond Electrode. *Journal of Carbon Research*, **2020**, 6, 75	3.3	3
301	Polyphenol oxidase-based electrochemical biosensors: A review. *Analytica Chimica Acta*, **2020**, 1139, 198-221	6.6	19
300	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	5.9	21
299	A new electrochemical platform based on low cost nanomaterials for sensitive detection of the amoxicillin antibiotic in different matrices. *Talanta*, **2020**, 206, 120252	6.2	54
298	Non-enzymatic electrochemical determination of creatinine using a novel screen-printed microcell. *Talanta*, **2020**, 207, 120277	6.2	12
297	Novel electrochemical sensor based on nanodiamonds and manioc starch for detection of diquat in environmental samples. *Diamond and Related Materials*, **2019**, 98, 107512	3.5	18
296	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	5.8	20
295	Electrochemical paper-based microfluidic device for high throughput multiplexed analysis. *Talanta*, **2019**, 203, 280-286	6.2	42
294	Simultaneous electrochemical sensing of ascorbic acid and uric acid under biofouling conditions using nanoporous gold electrodes. *Journal of Electroanalytical Chemistry*, **2019**, 846, 113160	4.1	24
293	Voltammetric determination of 17β-estradiol in different matrices using a screen-printed sensor modified with CuPc, Printex 6L carbon and Nafion film. *Microchemical Journal*, **2019**, 147, 365-373	4.8	9
292	Simultaneous determination of environmental contaminants using a graphite oxide - Polyurethane composite electrode modified with cyclodextrin. *Materials Science and Engineering C*, **2019**, 99, 1415-1423	8.3	8
291	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	4.1	21
290	Effect of Different Carbon Blacks on the Simultaneous Electroanalysis of Drugs as Water Contaminants Based on Screen-printed Sensors. *Electroanalysis*, **2019**, 31, 2145-2154	3	13
289	Simultaneous voltammetric sensing of levodopa, piroxicam, ofloxacin and methocarbamol using a carbon paste electrode modified with graphite oxide and β-cyclodextrin. *Mikrochimica Acta*, **2019**, 186, 174	5.8	17
288	A new disposable microfluidic electrochemical paper-based device for the simultaneous determination of clinical biomarkers. *Talanta*, **2019**, 195, 62-68	6.2	45

287	Bismuth vanadate/graphene quantum dot: A new nanocomposite for photoelectrochemical determination of dopamine. *Sensors and Actuators B: Chemical*, **2019**, 285, 248-253	8.5	32
286	Electroanalytical determination of eugenol in clove oil by voltammetry of immobilized microdroplets. *Journal of Solid State Electrochemistry*, **2018**, 22, 2277-2285	2.6	10
285	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	3.5	18
284	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	6.2	60
283	Study of electrooxidation and enhanced voltammetric determination of □-blocker pindolol using a boron-doped diamond electrode. *Diamond and Related Materials*, **2018**, 82, 109-114	3.5	17
282	A nano-magnetic electrochemical sensor for the determination of mood disorder related substances.. *RSC Advances*, **2018**, 8, 14040-14047	3.7	16
281	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	6.2	74
280	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	8.5	75
279	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	4.1	40
278	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	6.6	61
277	Assessment of the performance of triphenylphosphine for the voltammetric determination of elemental sulphur in cosmetic products. *Analyst, The*, **2018**, 143, 3600-3606	5	1
276	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	8.5	39
275	Carbon black supported Au□Pd core-shell nanoparticles within a dihexadecylphosphate film for the development of hydrazine electrochemical sensor. *Sensors and Actuators B: Chemical*, **2018**, 256, 535-542	8.5	48
274	Bismuth Vanadate/Reduced Graphene Oxide Nanocomposite Electrode for Photoelectrochemical Determination of Diclofenac in Urine. *Electroanalysis*, **2018**, 30, 2704-2711	3	7
273	Development of a simple electrochemical sensor for the simultaneous detection of anticancer drugs. *Journal of Electroanalytical Chemistry*, **2018**, 827, 64-72	4.1	28
272	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	3.8	37
271	The application of graphene for in vitro and in vivo electrochemical biosensing. *Biosensors and Bioelectronics*, **2017**, 89, 224-233	11.8	54
270	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	6.7	30

269	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	2.6	15
268	A nanodiamond-based electrochemical sensor for the determination of pyrazinamide antibiotic. *Sensors and Actuators B: Chemical*, **2017**, 250, 315-323	8.5	52
267	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	6.2	59
266	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	3.5	36
265	Porous boron-doped diamond/CNT electrode as electrochemical sensor for flow-injection analysis applications. *Diamond and Related Materials*, **2017**, 74, 182-190	3.5	14
264	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	4.8	31
263	Square-wave adsorptive anodic stripping voltammetric determination of ramipril using an electrochemical sensor based on nanostructured carbon black. *Analytical Methods*, **2017**, 9, 4680-4687	3.2	13
262	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	3	7
261	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	4.1	8
260	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	4.1	90
259	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	4.1	36
258	Simultaneous Voltammetric Determination of Paracetamol, Codeine and Caffeine on Diamond-like Carbon Porous Electrodes. *Electroanalysis*, **2017**, 29, 907-916	3	15
257	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	8.5	37
256	An Overview of Pesticide Monitoring at Environmental Samples Using Carbon Nanotubes-Based Electrochemical Sensors. *Journal of Carbon Research*, **2017**, 3, 8	3.3	18
255	Electrochemical Biosensors Based on Nanostructured Carbon Black: A Review. *Journal of Nanomaterials*, **2017**, 2017, 1-14	3.2	64
254	Electrochemical sensor based on graphene oxide and ionic liquid for ofloxacin determination at nanomolar levels. *Talanta*, **2016**, 161, 333-341	6.2	37
253	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	3.2	12
252	High temperature low vacuum synthesis of a freestanding three-dimensional graphene nano-ribbon foam electrode. *Journal of Materials Chemistry A*, **2016**, 4, 2617-2629	13	17

251	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	6.7	27
250	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	3.8	75
249	A new sensor architecture based on carbon Printex 6L to the electrochemical determination of ranitidine. *Journal of Solid State Electrochemistry*, **2016**, 20, 2395-2402	2.6	17
248	Promising electrochemical performance of high-surface-area boron-doped diamond/carbon nanotube electroanalytical sensors. *Journal of Solid State Electrochemistry*, **2016**, 20, 2403-2409	2.6	25
247	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	8.5	38
246	Nanostructured carbon black for simultaneous sensing in biological fluids. *Sensors and Actuators B: Chemical*, **2016**, 227, 610-618	8.5	73
245	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	8.3	48
244	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	8.5	28
243	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	4.1	20
242	Novel flow injection spectrophotometric determination of ranitidine in pharmaceuticals. *Canadian Journal of Chemistry*, **2016**, 94, 604-607	0.9	1
241	Diamond-coated $black siliconSas a promising material for high-surface-area electrochemical electrodes and antibacterial surfaces. *Journal of Materials Chemistry B*, **2016**, 4, 5737-5746	7.3	73
240	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	4.1	19
239	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	1.2	4
238	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	3.5	20
237	A digital image analysis method for quantification of sulfite in beverages. *Analytical Methods*, **2015**, 7, 7568-7573	3.2	26
236	A digital image-based method employing a spot-test for quantification of ethanol in drinks. *Analytical Methods*, **2015**, 7, 4138-4144	3.2	48
235	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	8.5	24
234	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	3.2	38

233	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	3.5	32
232	The use of dihexadecylphosphate in sensing and biosensing. *Sensors and Actuators B: Chemical*, **2015**, 220, 805-813	8.5	20
231	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	3.2	21
230	An electrochemical analyzer for in situ flow determination of Pb(II) and Cd(II) in lake water with on-line data transmission and a global positioning system. *Analytical Methods*, **2015**, 7, 3105-3112	3.2	12
229	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	6.7	94
228	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	3	50
227	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**,	1.5	5
226	SIMULTANEOUS VOLTAMMETRIC DETERMINATION OF AMLODIPINE BESYLATE AND HYDROCHLOROTHIAZIDE IN SYNTHETIC URINE SAMPLES USING A BORON-DOPED DIAMOND ELECTRODE. *Quimica Nova*, **2015**,	1.6	2
225	A Compact Microcontrolled Microfluidic System for Photometric Determination of Phosphate in Natural Water Samples. *Australian Journal of Chemistry*, **2015**, 68, 1108	1.2	2
224	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	3.2	20
223	Preparation and electroanalytical applications of vertically aligned carbon nanotubes. *SPR Electrochemistry*, **2015**, 50-96		3
222	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, 2842-9	5	63
221	Pb(II) determination in natural water using a carbon nanotubes paste electrode modified with crosslinked chitosan. *Microchemical Journal*, **2014**, 116, 191-196	4.8	46
220	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, 1762-8	5	21
219	Electrochemical performance of porous diamond-like carbon electrodes for sensing hormones, neurotransmitters, and endocrine disruptors. *ACS Applied Materials & Interfaces*, **2014**, 6, 21086-92	9.5	32
218	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, 2832-41	5	28
217	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	3.2	14
216	A novel architecture based upon multi-walled carbon nanotubes and ionic liquid to improve the electroanalytical detection of ciprofibrate. *Analyst, The*, **2014**, 139, 3961-7	5	11

215	Electroanalytical Performance of a Freestanding Three-Dimensional Graphene Foam Electrode. *Electroanalysis*, **2014**, 26, 93-102	3	22
214	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	6.7	28
213	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	4.1	56
212	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	6.2	24
211	Development of a carbon nanotube paste electrode modified with zinc phosphate for captopril determination in pharmaceutical and biological samples. *Analytical Methods*, **2014**, 6, 1324	3.2	9
210	Microcantilever sensors coated with a sensitive polyaniline layer for detecting volatile organic compounds. *Journal of Nanoscience and Nanotechnology*, **2014**, 14, 6718-22	1.3	19
209	Microcantilever sensors coated with doped polyaniline for the detection of water vapor. *Scanning*, **2014**, 36, 311-6	1.6	16
208	Electrochemical behaviour of vertically aligned carbon nanotubes and graphene oxide nanocomposite as electrode material. *Electrochimica Acta*, **2014**, 119, 114-119	6.7	66
207	Atomic force microscope microcantilevers used as sensors for monitoring humidity. *Microelectronic Engineering*, **2014**, 113, 80-85	2.5	24
206	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	1.6	5
205	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	3.2	40
204	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	8.5	23
203	Differential pulse adsorptive stripping voltammetric determination of methotrexate using a functionalized carbon nanotubes-modified glassy carbon electrode. *Open Chemistry*, **2013**, 11, 1837-1843	1.6	10
202	Flow-injection spectrophotometric determination of dipyrone in pharmaceutical formulations using a solid-phase reactor with copper(II) phosphate. *Open Chemistry*, **2013**, 11, 1830-1836	1.6	2
201	Exploring the electrochemical performance of graphitic paste electrodes: graphene vs. graphite. *Analyst, The*, **2013**, 138, 6354-64	5	25
200	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	4.1	46
199	Amorphous carbon nitride as an alternative electrode material in electroanalysis: simultaneous determination of dopamine and ascorbic acid. *Analytica Chimica Acta*, **2013**, 797, 30-9	6.6	42
198	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	4.1	29

197	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	8.5	77
196	Forensic electrochemistry: sensing the molecule of murder atropine. *Analyst, The*, **2013**, 138, 1053-9	5	37
195	Freestanding three-dimensional graphene foam gives rise to beneficial electrochemical signatures within non-aqueous media. *Journal of Materials Chemistry A*, **2013**, 1, 5962	13	79
194	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	4.1	23
193	Electrochemical sensor for ranitidine determination based on carbon paste electrode modified with oxovanadium (IV) salen complex. *Materials Science and Engineering C*, **2013**, 33, 4081-5	8.3	26
192	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	8.5	61
191	Exploring the origins of the apparent "electrocatalytic" oxidation of kojic acid at graphene modified electrodes. *Analyst, The*, **2013**, 138, 4436-42	5	29
190	Square-wave voltammetric determination of bezafibrate in pharmaceutical formulations using a cathodically pretreated boron-doped diamond electrode. *Talanta*, **2013**, 103, 201-6	6.2	32
189	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**,	1.5	2
188	Determination of Propylthiouracil in Pharmaceuticals by Differential Pulse Voltammetry Using a Cathodically Pretreated Boron-Doped Diamond Electrode. *Journal of the Brazilian Chemical Society*, **2013**,	1.5	3
187	Bioelectroanalysis of pharmaceutical compounds **2013**, 245-267		
186	Differential pulse voltammetric determination of ciprofibrate in pharmaceutical formulations using a glassy carbon electrode modified with functionalized carbon nanotubes within a poly(allylamine hydrochloride) film. *Sensors and Actuators B: Chemical*, **2012**, 161, 755-760	8.5	19
185	Determination of Atrazine in Natural Water Samples by Differential Pulse Adsorptive Stripping Voltammetry Using a Bismuth Film Electrode. *Electroanalysis*, **2012**, 24, 303-308	3	30
184	Simultaneous Voltammetric Determination of Ascorbic Acid and Sulfite in Beverages Employing a Glassy Carbon Electrode Modified with Carbon Nanotubes within a Poly(Allylamine Hydrochloride) Film. *Electroanalysis*, **2012**, 24, 627-634	3	25
183	Bioelectroanalysis of pharmaceutical compounds. *Bioanalytical Reviews*, **2012**, 4, 31-53	1	35
182	Simultaneous voltammetric determination of synthetic colorants in food using a cathodically pretreated boron-doped diamond electrode. *Talanta*, **2012**, 97, 291-7	6.2	87
181	Flow injection simultaneous determination of synthetic colorants in food using multiple pulse amperometric detection with a boron-doped diamond electrode. *Talanta*, **2012**, 99, 883-9	6.2	62
180	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	3.5	48

179	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	5.1	29
178	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	1.8	10
177	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	1.8	9
176	Construction and application of a portable microcontrolled turbidimeter for the in situ determination of sulfate. *Quimica Nova*, **2012**, 35, 802-807	1.6	6
175	Construção e aplicação de um minissensor de filme de bismuto utilizando materiais de baixo custo para determinações voltamétricas in loco. *Quimica Nova*, **2012**, 35, 1016-1019	1.6	4
174	Use of Barium Chloranilate Solid-Phase Reactor for the Determination of Sulfate in Natural Water Samples Exploiting Long Pathlength Spectrophotometry and Multicommutation. *Analytical Letters*, **2011**, 44, 298-309	2.2	6
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