

Mariola Brycht

List of Publications by Citations

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39
papers

547
citations

14
h-index

22
g-index

39
ext. papers

654
ext. citations

4.8
avg, IF

3.94
L-index

#	Paper	IF	Citations
39	Sensitive determination of anticancer drug imatinib in spiked human urine samples by differential pulse voltammetry on anodically pretreated boron-doped diamond electrode. <i>Diamond and Related Materials</i> , 2016 , 68, 13-22	3.5	54
38	Electrochemical study of 4-chloro-3-methylphenol on anodically pretreated boron-doped diamond electrode in the absence and presence of a cationic surfactant. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 771, 1-9	4.1	47
37	βCyclodextrins incorporated multi-walled carbon nanotubes modified electrode for the voltammetric determination of the pesticide dichlorophen. <i>Talanta</i> , 2018 , 176, 625-634	6.2	44
36	Conditioning of renewable silver amalgam film electrode for the characterization of clothianidin and its determination in selected samples by adsorptive square-wave voltammetry. <i>Talanta</i> , 2013 , 117, 242-9	6.2	33
35	Ultra trace level determination of fenoxanil by highly sensitive square wave adsorptive stripping voltammetry in real samples with a renewable silver amalgam film electrode. <i>Journal of Electroanalytical Chemistry</i> , 2015 , 738, 69-76	4.1	26
34	The new application of renewable silver amalgam film electrode for the electrochemical reduction of nitrile, cyazofamid, and its voltammetric determination in the real samples and in a commercial formulation. <i>Electrochimica Acta</i> , 2014 , 134, 302-308	6.7	25
33	Voltammetric behavior and determination of antidepressant drug paroxetine at carbon-based electrodes. <i>Ionics</i> , 2015 , 21, 2345-2354	2.7	20
32	Square-wave voltammetric determination of fungicide fenfuram in real samples on bare boron-doped diamond electrode, and its corrosion properties on stainless steels used to produce agricultural tools. <i>Electrochimica Acta</i> , 2015 , 169, 117-125	6.7	20
31	Synthesis and characterization of the thermally reduced graphene oxide in argon atmosphere, and its application to construct graphene paste electrode as a naptalam electrochemical sensor. <i>Analytica Chimica Acta</i> , 2018 , 1035, 22-31	6.6	19
30	Electrochemical sensing of fluoroquinolone antibiotics. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 128, 115907	14.6	19
29	βCyclodextrin and multiwalled carbon nanotubes modified boron-doped diamond electrode for voltammetric assay of carbendazim and its corrosion inhibition behavior on stainless steel. <i>Ionics</i> , 2018 , 24, 923-934	2.7	18
28	Voltammetric Determination of Acibenzolar-S-Methyl Using a Renewable Silver Amalgam Film Electrode. <i>Electroanalysis</i> , 2012 , 24, 2303-2308	3	18
27	Differential pulse voltammetric determination of an immunosuppressive drug teriflunomide on an edge plane pyrolytic graphite electrode. <i>RSC Advances</i> , 2017 , 7, 26028-26036	3.7	15
26	Improved electroanalytical characteristics for the determination of pesticide metobromuron in the presence of nanomaterials. <i>Analytica Chimica Acta</i> , 2018 , 1030, 61-69	6.6	15
25	Surface characterization, corrosion properties and bioactivity of Ca-doped TiO ₂ coatings for biomedical applications. <i>Surface and Coatings Technology</i> , 2015 , 280, 291-300	4.4	14
24	Voltammetric and corrosion studies of the fungicide fludioxonil. <i>Electrochimica Acta</i> , 2015 , 158, 287-297	6.7	14
23	Voltammetric behaviour and quantitative determination of pesticide iminoctadine. <i>Analytical Methods</i> , 2014 , 6, 1884	3.2	13

22	New sensitive square-wave adsorptive stripping voltammetric determination of pesticide chlornitrofen, and an evaluation of its corrosivity towards steel agricultural equipment. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 777, 8-18	4.1	13
21	The Influence of Protonation on the Electroreduction of Bi (III) Ions in Chlorates (VII) Solutions of Different Water Activity. <i>Electrocatalysis</i> , 2015 , 6, 315-321	2.7	12
20	Voltammetric determination of the herbicide protham on glassy carbon electrode modified with multi-walled carbon nanotubes. <i>Sensors and Actuators B: Chemical</i> , 2016 , 231, 54-63	8.5	12
19	Electrochemical study of the fungicide acibenzolar-s-methyl and its voltammetric determination in environmental samples. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014 , 49, 550-6	2.2	12
18	The effect of carbon material on the electroanalytical determination of 4-chloro-3-methylphenol using the sol-gel derived carbon ceramic electrodes. <i>Sensors and Actuators B: Chemical</i> , 2016 , 236, 318-325	8.5	11
17	Comparison of electrochemical performance of various boron-doped diamond electrodes: Dopamine sensing in biomimicking media used for cell cultivation. <i>Bioelectrochemistry</i> , 2021 , 137, 107646	5.6	11
16	Electrochemical determination of closantel in the commercial formulation by square-wave adsorptive stripping voltammetry. <i>Monatshefte für Chemie</i> , 2017 , 148, 463-472	1.4	9
15	A Sensitive Sensor Based on Single-walled Carbon Nanotubes: Its Preparation, Characterization and Application in the Electrochemical Determination of Drug Clorsulon in Milk Samples. <i>Electroanalysis</i> , 2020 , 32, 375-383	3	9
14	Voltammetric behavior, quantitative determination, and corrosion investigation of herbicide bromacil. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 770, 6-13	4.1	7
13	Paste electrode based on the thermally reduced graphene oxide in ambient air Its characterization and analytical application for analysis of 4-chloro-3,5-dimethylphenol. <i>Electrochimica Acta</i> , 2018 , 282, 233-241	6.7	6
12	First electrochemical study of the fungicide oxycarboxin. <i>International Journal of Environmental Analytical Chemistry</i> , 2017 , 97, 1298-1314	1.8	6
11	An application of a glassy carbon electrode and a glassy carbon electrode modified with multi-walled carbon nanotubes in electroanalytical determination of oxycarboxin. <i>Ionics</i> , 2018 , 24, 2111-2121	2.7	5
10	Rapid monitoring of fungicide fenhexamid residues in selected berries and wine grapes by square-wave voltammetry at carbon-based electrodes. <i>Food Chemistry</i> , 2021 , 338, 127975	8.5	5
9	The effect of the supporting electrolyte on the voltammetric determination of the veterinary drug nitroxinil. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 827, 21-26	4.1	5
8	The application of carbon nanomaterials as electrode surface modifiers for the voltammetric sensing of nitroxinil A comparative study. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 848, 113294	4.1	4
7	The effect of homocysteine and homocystine protonation on double-layer parameters at the electrode/chlorates(VII) interface. <i>Adsorption Science and Technology</i> , 2017 , 35, 396-402	3.6	2
6	Development and first application of the edge plane pyrolytic graphite electrode modified with graphene nanoplatelets for highly sensitive voltammetric determination of oxolinic acid. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 826, 76-83	4.1	1
5	Electroanalysis of the Anthelmintic Drug Bithionol at Edge Plane Pyrolytic Graphite Electrode. <i>Electroanalysis</i> , 2019 , 31, 2246-2253	3	1

4	Voltammetric analysis of disulfiram in pharmaceuticals with a cyclic renewable silver amalgam film electrode. <i>Turkish Journal of Chemistry</i> , 2017 , 41, 116-124	1	1
3	Enhancing electroanalytical performance of porous boron-doped diamond electrodes by increasing thickness for dopamine detection. <i>Analytica Chimica Acta</i> , 2021 , 1182, 338949	6.6	1
2	Application of Solid Carbon Electrodes in Voltammetric (Bio)analysis of Selected Cytostatic Drugs 2022 , 1-22		
1	Application of Solid Carbon Electrodes in Voltammetric (Bio)analysis of Selected Cytostatic Drugs 2022 , 761-782		