

Mariola Brycht

List of Publications by Year in descending order

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38
papers

750
citations

516215

16
h-index

552369

26
g-index

39
all docs

39
docs citations

39
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.8	69
2	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.	1.9	62
3	β-Cyclodextrins incorporated multi-walled carbon nanotubes modified electrode for the voltammetric determination of the pesticide dichlorophen. <i>Talanta</i> , 2018, 176, 625-634.	2.9	52
4	Electrochemical sensing of fluoroquinolone antibiotics. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115907.	5.8	49
5	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, 242-249.	2.9	40
6	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.	2.6	30
7	β-Cyclodextrin 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.	1.2	29
8	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.	1.9	28
9	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.	2.4	26
10	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.	2.6	25
11	Voltammetric behavior and determination of antidepressant drug paroxetine at carbon-based electrodes. <i>Ionics</i> , 2015, 21, 2345-2354.	1.2	23
12	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.	2.6	20
13	Voltammetric Determination of Acibenzolar-Methyl Using a Renewable Silver Amalgam Film Electrode. <i>Electroanalysis</i> , 2012, 24, 2303-2308.	1.5	19
14	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.	2.2	19
15	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.	4.0	18
16	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.	1.9	17
17	Differential pulse voltammetric determination of an immunosuppressive drug teriflunomide on an edge plane pyrolytic graphite electrode. <i>RSC Advances</i> , 2017, 7, 26028-26036.	1.7	17
18	Voltammetric behaviour and quantitative determination of pesticide iminoctadine. <i>Analytical Methods</i> , 2014, 6, 1884.	1.3	16

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19	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.	4.0	16
20	Voltammetric and corrosion studies of the fungicide fludioxonil. <i>Electrochimica Acta</i> , 2015, 158, 287-297.	2.6	15
21	Improved electroanalytical characteristics for the determination of pesticide metobromuron in the presence of nanomaterials. <i>Analytica Chimica Acta</i> , 2018, 1030, 61-69.	2.6	15
22	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, 550-556.	0.7	14
23	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.	1.9	13
24	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.	1.9	13
25	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.	1.5	12
26	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.	4.2	12
27	Electrochemical determination of closantel in the commercial formulation by square-wave adsorptive stripping voltammetry. <i>Monatshefte für Chemie</i> , 2017, 148, 463-472.	0.9	11
28	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.	1.5	11
29	Enhancing electroanalytical performance of porous boron-doped diamond electrodes by increasing thickness for dopamine detection. <i>Analytica Chimica Acta</i> , 2021, 1182, 338949.	2.6	11
30	Voltammetric behavior, quantitative determination, and corrosion investigation of herbicide bromacil. <i>Journal of Electroanalytical Chemistry</i> , 2016, 770, 6-13.	1.9	10
31	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.	1.2	10
32	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.	2.6	9
33	First electrochemical study of the fungicide oxycarboxin. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 1298-1314.	1.8	7
34	Voltammetric analysis of disulfiram in pharmaceuticals with a cyclic renewable silver amalgam film electrode. <i>Turkish Journal of Chemistry</i> , 2017, 41, 116-124.	0.5	4
35	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.	1.5	3
36	Electroanalysis of the Anthelmintic Drug Bithionol at Edge Plane Pyrolytic Graphite Electrode. <i>Electroanalysis</i> , 2019, 31, 2246-2253.	1.5	3

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37	Development and first application of the edge plane pyrolytic graphite electrode modified with graphene nanoplatelets for highly sensitive voltammetric determination of oxolinic acid. Journal of Electroanalytical Chemistry, 2018, 826, 76-83.	1.9	2
38	Application of Solid Carbon Electrodes in Voltammetric (Bio)analysis of Selected Cytostatic Drugs. , 2022, , 761-782.		0