

SÅ,awomira Skrzypek

List of Publications by Year in descending order

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#	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.	3.9	69
2	Square-wave voltammetry. <i>ChemTexts</i> , 2018, 4, 1.	1.9	63
3	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.	3.8	62
4	β-Cyclodextrins incorporated multi-walled carbon nanotubes modified electrode for the voltammetric determination of the pesticide dichlorophen. <i>Talanta</i> , 2018, 176, 625-634.	5.5	52
5	Square wave adsorptive stripping voltammetric determination of famotidine in urine. <i>Talanta</i> , 2005, 66, 1146-1151.	5.5	51
6	Direct determination of metformin in urine by adsorptive catalytic square-wave voltammetry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 45, 275-281.	2.8	49
7	Electrochemical sensing of fluoroquinolone antibiotics. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115907.	11.4	49
8	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.	5.5	40
9	Toxic effects of single animal hormones and their mixtures on the growth of <i>Chlorella vulgaris</i> and <i>Scenedesmus armatus</i> . <i>Chemosphere</i> , 2019, 224, 93-102.	8.2	36
10	Theoretical and experimental study of the catalytic hydrogen evolution reaction in the presence of an adsorbed catalyst by means of square-wave voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2005, 585, 97-104.	3.8	35
11	Renewable Silver Amalgam Film Electrode for the Determination of Dinotefuran in Spiked Carrot Juice Samples Using SW Voltammetry. <i>Electroanalysis</i> , 2012, 24, 1591-1596.	2.9	30
12	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.	5.2	30
13	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.	2.4	29
14	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.	3.8	28
15	Electrochemical study of ephedrine at the polarized liquid-liquid interface supported with a 3D printed cell. <i>Journal of Hazardous Materials</i> , 2021, 402, 123411.	12.4	28
16	Square wave adsorptive stripping voltammetric determination of diazinon in its insecticidal formulations. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 6575-6582.	2.7	26
17	The mechanism of electropolymerization of nickel(Ni^{2+}) salen type complexes. <i>New Journal of Chemistry</i> , 2017, 41, 2112-2123.	2.8	25
18	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.	5.4	25

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19	A graphene oxide modified carbon ceramic electrode for voltammetric determination of gallic acid. <i>Diamond and Related Materials</i> , 2018, 88, 137-143.	3.9	25
20	Voltammetric Determination of Proguanil in Malarone and Spiked Urine with a Renewable Silver Amalgam Film Electrode. <i>Electroanalysis</i> , 2012, 24, 1966-1972.	2.9	24
21	Application of Catalytic Hydrogen Evolution in the Presence of Neonicotinoid Insecticide Clothianidin. <i>Food Analytical Methods</i> , 2012, 5, 373-380.	2.6	24
22	Honeycomb-structured porous poly(3,4-ethylenedioxythiophene) composite layers on a gold electrode. <i>Thin Solid Films</i> , 2014, 565, 54-61.	1.8	24
23	Voltammetric behavior and determination of antidepressant drug paroxetine at carbon-based electrodes. <i>Ionics</i> , 2015, 21, 2345-2354.	2.4	23
24	Immobilization of glucose oxidase on modified electrodes with composite layers based on poly(3,4-ethylenedioxythiophene). <i>Bioelectrochemistry</i> , 2015, 101, 8-13.	4.6	23
25	Fused Silica Microcapillaries Used for a Simple Miniaturization of the Electrified Liquid-Liquid Interface. <i>Analytical Chemistry</i> , 2018, 90, 7112-7116.	6.5	23
26	Electrochemical Detection of Glucose in Beverage Samples Using Poly(3,4-ethylenedioxythiophene)-Modified Electrodes with Immobilized Glucose Oxidase. <i>Electrocatalysis</i> , 2018, 9, 380-387.	3.0	23
27	Ion transfer voltammetry for analytical screening of fluoroquinolone antibiotics at the water-1,2-dichloroethane interface. <i>Analytica Chimica Acta</i> , 2019, 1085, 75-84.	5.4	23
28	Determination of Blastocidin S in Spiked Rice Using SW Voltammetry with a Renewable Silver Amalgam Film Electrode. <i>Electroanalysis</i> , 2012, 24, 1153-1159.	2.9	22
29	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.	5.2	20
30	Cathodic stripping voltammetry of clothianidin: Application to environmental studies. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 131-142.	1.0	19
31	Voltammetric Determination of Acibenzolar-S-Methyl Using a Renewable Silver Amalgam Film Electrode. <i>Electroanalysis</i> , 2012, 24, 2303-2308.	2.9	19
32	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.	4.8	19
33	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.	7.8	18
34	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.	3.8	17
35	Differential pulse voltammetric determination of an immunosuppressive drug teriflunomide on an edge plane pyrolytic graphite electrode. <i>RSC Advances</i> , 2017, 7, 26028-26036.	3.6	17
36	Electrochemical studies of ganciclovir as the adsorbed catalyst on mercury electrode. <i>Collection of Czechoslovak Chemical Communications</i> , 2009, 74, 1455-1466.	1.0	16

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37	Voltammetric behaviour and quantitative determination of pesticide iminoctadine. <i>Analytical Methods</i> , 2014, 6, 1884.	2.7	16
38	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.	7.8	16
39	Cathodic Stripping Voltammetry of Uracil. Experimental and Theoretical Study Under Conditions of Square-Wave Voltammetry. <i>Electroanalysis</i> , 2009, 21, 87-95.	2.9	15
40	Voltammetric and corrosion studies of the fungicide fludioxonil. <i>Electrochimica Acta</i> , 2015, 158, 287-297.	5.2	15
41	Improved electroanalytical characteristics for the determination of pesticide metobromuron in the presence of nanomaterials. <i>Analytica Chimica Acta</i> , 2018, 1030, 61-69.	5.4	15
42	Effect of Basic Amino Acids on Nickel Ion Reduction at a Mercury Electrode. <i>Electroanalysis</i> , 2009, 21, 1711-1718.	2.9	14
43	Voltammetric study of 2-guanidinobenzimidazole: Electrode mechanism and determination at mercury electrode. <i>Collection of Czechoslovak Chemical Communications</i> , 2011, 76, 1699-1715.	1.0	14
44	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.	1.5	14
45	Toxicity of single steroid hormones and their mixtures toward the cyanobacterium <i>Microcystis aeruginosa</i> . <i>Journal of Applied Phycology</i> , 2019, 31, 3537-3544.	2.8	14
46	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.	3.8	13
47	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.	3.8	13
48	Selected Spectroscopic Techniques for Surface Analysis of Dental Materials: A Narrative Review. <i>Materials</i> , 2021, 14, 2624.	2.9	13
49	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.	3.0	12
50	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.	8.2	12
51	Determination of quinine in tonic water at the miniaturized and polarized liquid-liquid interface. <i>Food Chemistry</i> , 2021, 364, 130417.	8.2	12
52	Voltammetric behavior and quantitative determination of ambazone concentrations in urine and in a pharmaceutical formulation. <i>Open Chemistry</i> , 2014, 12, 1239-1245.	1.9	11
53	Electrochemical determination of closantel in the commercial formulation by square-wave adsorptive stripping voltammetry. <i>Monatshefte für Chemie</i> , 2017, 148, 463-472.	1.8	11
54	Quantitative determination of the veterinary drug monensin in horse feed samples by square wave voltammetry (SWV) and direct infusion electrospray ionization tandem mass spectrometry (ESI-MS/MS). <i>Microchemical Journal</i> , 2018, 141, 220-228.	4.5	11

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55	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.	2.9	11
56	Illicit drugs street samples and their cutting agents. The result of the GC-MS based profiling define the guidelines for sensors development. <i>Talanta</i> , 2022, 237, 122904.	5.5	11
57	Rapid and Sensitive Voltammetric Determination of Aclonifen in Water Samples. <i>Acta Chimica Slovenica</i> , 2016, 63, 1-7.	0.6	11
58	Voltammetric behavior, quantitative determination, and corrosion investigation of herbicide bromacil. <i>Journal of Electroanalytical Chemistry</i> , 2016, 770, 6-13.	3.8	10
59	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.	2.4	10
60	Molecularly imprinted polymer film grafted from porous silica for efficient enrichment of steroid hormones in water samples. <i>Journal of Separation Science</i> , 2019, 42, 2858-2866.	2.5	10
61	Electrochemistry at the liquid-liquid interface rediscovers interfacial polycondensation of nylon-6,6. <i>Electrochemistry Communications</i> , 2020, 115, 106732.	4.7	10
62	Voltammetric and corrosion studies of the ionophoric antibiotic salinomycin and its determination in a soil extract. <i>Journal of Electroanalytical Chemistry</i> , 2016, 783, 56-62.	3.8	9
63	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.	5.2	9
64	Inhibition of growth of <i>Anabaena variabilis</i> population by single and mixed steroid hormones. <i>Journal of Applied Phycology</i> , 2019, 31, 389-398.	2.8	9
65	Electrode mechanism and voltammetric determination of selected guanidino compounds. <i>Open Chemistry</i> , 2012, 10, 977-988.	1.9	8
66	A carbon ceramic electrode modified with bismuth oxide nanoparticles for determination of syringic acid by stripping voltammetry. <i>Mikrochimica Acta</i> , 2017, 184, 4579-4586.	5.0	8
67	Application of the catalytic properties of methionine to the determination of Bi(III) as well in the presence of Cu(II) ions at low levels by square wave voltammetry. <i>Desalination and Water Treatment</i> , 2013, 51, 1700-1704.	1.0	7
68	First electrochemical study of the fungicide oxycarboxin. <i>International Journal of Environmental Analytical Chemistry</i> , 2017, 97, 1298-1314.	3.3	7
69	Voltammetric study of cefotaxime at the macroscopic and miniaturized interface between two immiscible electrolyte solutions. <i>Mikrochimica Acta</i> , 2021, 188, 413.	5.0	7
70	Electrodes Modified with Composite Layers Based on Poly(3,4-ethylenedioxythiophene) as Sensors for Paracetamol. <i>Analytical Sciences</i> , 2017, 33, 287-292.	1.6	6
71	Selenomethionine-Catalyzed Nickel Ion Reduction at a Mercury Electrode: Applications in the Analysis of Nutritional Supplements. <i>Electroanalysis</i> , 2006, 18, 2269-2272.	2.9	4
72	Co-deposition of silica and proteins at the interface between two immiscible electrolyte solutions. <i>Bioelectrochemistry</i> , 2020, 134, 107529.	4.6	4

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73	Cathodic Stripping Voltammetry of 2-Thiouracils. Collection of Czechoslovak Chemical Communications, 2005, 70, 188-197.	1.0	3
74	Fabrication and Application of Ferrierteâ€“Modified Carbon Ceramic Electrode in Sensitive Determination of Estradiol. Journal of the Electrochemical Society, 2017, 164, B574-B580.	2.9	3
75	The effect of homocysteine and homocystine protonation on double-layer parameters at the electrode/chlorates(VII) interface. Adsorption Science and Technology, 2017, 35, 396-402.	3.2	3
76	Electroanalysis of the Anthelmintic Drug Bithionol at Edge Plane Pyrolytic Graphite Electrode. Electroanalysis, 2019, 31, 2246-2253.	2.9	3
77	Electroreduction of Bi(III) Ions at a Cyclically Renewable Liquid Silver Amalgam Film Electrode in the Presence of Methionine. Molecules, 2021, 26, 3972.	3.8	3
78	Composites of Poly (3,4-Ethylenedioxythiophene) with Nanostructures as Electrochemical Sensors for Application in Bioelectroanalysis. Current Analytical Chemistry, 2019, 15, 186-197.	1.2	3
79	First Electrochemical Method of Nitrothal-Isopropyl Determination in Water Samples. Journal of Chemistry, 2016, 2016, 1-6.	1.9	2
80	Electroanalytical study of five carbosilane dendrimers at the interface between two immiscible electrolyte solutions. Analyst, The, 2021, 146, 1376-1385.	3.5	2
81	Interfacial Deposition of Titanium Dioxide at the Polarized Liquidâ€“Liquid Interface. Materials, 2022, 15, 2196.	2.9	2
82	Electrochemical oxidation of methylthiomethyleneisoquinolinium chloride â€” the first water soluble alkylthiomethylene substituted ammonium salt. Open Chemistry, 2011, 9, 840-845.	1.9	1
83	Electrochemical Studies and Square Wave Voltammetric Determination of α -(2-Guanidino-4-thiazolyl)methyl]isothioure hydrochloride and 2-Guanidino-1,3-thiazole. Electroanalysis, 2011, 23, 1212-1220.	2.9	1
84	Electroreduction of Bi(III) ions in the aspect of expanding the â€œcap-pairâ€“effect: the role of the nanosized active complexes. Applied Nanoscience (Switzerland), 0, , 1.	3.1	1
85	The mediatory activity of meso-tetraphenylporphyrin iron(III) complex immobilized in Nafion film on a Pt electrode in the oxidation of 1,2- and 1,4-hydroquinones. Turkish Journal of Chemistry, 2016, 40, 588-601.	1.2	0
86	Catalytic Cathodic Stripping Voltammetry of 5-Phenyl-1,3,4-oxadiazole-2-thiol in the Presence of Nickel(II) and Cobalt(II) Ions. Collection of Czechoslovak Chemical Communications, 2004, 69, 1600-1609.	1.0	0
87	Application of Solid Carbon Electrodes in Voltammetric (Bio)analysis of Selected Cytostatic Drugs. , 2022, , 761-782.		0