JiÅÃ- Barek

List of Publications by Year
in descending order

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372 papers	6,665 citations	81900 39 h-index	110387 64 g-index
383 all docs	383 docs citations	383 times ranked	4434 citing authors

#	Article	IF	Citations
1	Comparison of two pyrolytic graphite representatives in the construction of hybrid electrochemical DNA biosensors for monitoring DNA damage. Journal of Electroanalytical Chemistry, 2022, 908, 116095.	3.8	2
2	New strategy in electrochemical investigation of DNA damage demonstrated on genotoxic derivatives of fluorene. Journal of Electroanalytical Chemistry, 2022, , 116430.	3.8	1
3	Retractable-pen-based renewable silver amalgam film electrode for microliter sample analysis of electrochemically reducible environmental pollutants. Sensors and Actuators B: Chemical, 2021, 329, 129057.	7.8	6
4	Differential pulse voltammetric determination of homovanillic acid as a tumor biomarker in human urine after hollow fiber-based liquid-phase microextraction. Talanta, 2021, 221, 121594.	5.5	22
5	The use of non-traditional carbon film electrode based on microcrystalline natural graphite â€“ polystyrene composite film for amperometric determination of 5-aminoquinoline using flow injection analysis minimising electrode fouling. Journal of Electroanalytical Chemistry, 2021, 885, 115085.	3.8	0
6	A copper nanoparticle-based electrochemical immunosensor for carbaryl detection. Talanta, 2021, 228, 122174.	5.5	26
7	A Laser Reduced Graphene Oxide Grid Electrode for the Voltammetric Determination of Carbaryl. Molecules, 2021, 26, 5050.	3.8	16
8	Substituent effect of ring-substituted 3-hydroxynaphthalene-2-carboxanilides and 2-hydroxynaphthalene-1-carboxanilides in relation to their electrochemical and biological activity. Journal of Electroanalytical Chemistry, 2021, 899, 115667.	3.8	0
9	Flow amperometric uric acid biosensors based on different enzymatic mini-reactors: A comparative study of uricase immobilization. Sensors and Actuators B: Chemical, 2021, 344, 130252.	7.8	17
10	Adsorptive stripping voltammetric determination of carbofuran in herbs on chromatographic sorbent modified electrode. Journal of Electroanalytical Chemistry, 2021, 900, 115692.	3.8	12
11	A critical comparison of natural enzymes and nanozymes in biosensing and bioassays. Biosensors and Bioelectronics, 2021, 192, 113494.	10.1	60
12	How to Improve the Performance of Electrochemical Sensors via Minimization of Electrode Passivation. Chemosensors, 2021, 9, 12.	3.6	31
13	Highly Sensitive Voltammetric Determination of Acrylamide Based on Ibuprofen Capped Mercury Nanoparticles. Sensors, 2021, 21, 7302.	3.8	2
14	Doxorubicin determination using two novel voltammetric approaches: A comparative study. Electrochimica Acta, 2020, 330, 135180.	5.2	23
15	Determination of 8-hydroxy-7-iodo-5-quinoline sulfonic acid (HIQSA) at renewable electrode with Sb2O3/MWCNT-TiO2 nanohybrid. Journal of Electroanalytical Chemistry, 2020, 858, 113775.	3.8	3
16	Differential Pulse Voltammetric Determination of 2â€Methylâ€4,6â€Dinitrophenol using Bismuth Bulk Electrode. Electroanalysis, 2020, 32, 317-322.	2.9	2
17	Electrochemistry of ring-substituted 1-hydroxynaphthalene-2-carboxanilides: Relation to structure and biological activity. Electrochimica Acta, 2020, 332, 135485.	5.2	4
18	Anodic differential pulse voltammetric determination of 2-nitrophenol at a non-traditional carbon film composite electrode. Journal of Electroanalytical Chemistry, 2020, 877, 114510.	3.8	1

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19	Simultaneous determination of tumour biomarkers homovanillic acid, vanillylmandelic acid, and 5-hydroxyindole-3-acetic acid in human urine using single run HPLC with a simple wall-jet glassy carbon electrochemical detector. Journal of Electroanalytical Chemistry, 2020, 878, 114629.	3.8	13
20	Determination of heavy metal poisoning antidote 2,3-dimercapto-1-propanesulfonic acid using silver solid amalgam electrode. Electrochimica Acta, 2020, 354, 136623.	5.2	8
21	Novel Type of Carbon Nanotube Paste Electrode Modified by Sb₂O₃ for Square Wave Anodic Stripping Voltammetric Determination of Cd²⁺ and Pb²⁺. Electroanalysis, 2020, 32, 2260-2265.	2.9	8
22	Non-enzymatic electrochemical approaches to cholesterol determination. Journal of Pharmaceutical and Biomedical Analysis, 2020, 191, 113538.	2.8	21
23	Label-Free Electrochemical Biosensors for the Determination of Flaviviruses: Dengue, Zika, and Japanese Encephalitis. Sensors, 2020, 20, 4600.	3.8	27
24	A composite of imprinted polypyrrole beads and reduced graphene oxide for specific electrochemical sensing of atrazine in complex matrices. Monatshefte FÃ¼r Chemie, 2020, 151, 1271-1282.	1.8	7
25	Electrochemical immunoassay for the detection of antibodies to tick-borne encephalitis virus by using various types of bioconjugates based on silver nanoparticles. Bioelectrochemistry, 2020, 135, 107576.	4.6	22
26	Simultaneous voltammetric determination of Brilliant Blue FCF and Tartrazine for food quality control. Talanta, 2020, 218, 121136.	5.5	45
27	Voltammetric Determination of 5â€Aminoquinoline at Carbon Film Electrode and Carbon and Gold Screen Printed Electrodes â€“ A Comparative Study. Electroanalysis, 2020, 32, 2002-2009.	2.9	1
28	A state-of-the-art approach to synthesis of dendrite-like gold nanostructures via electrodeposition. Monatshefte FÃ¼r Chemie, 2020, 151, 1257-1264.	1.8	1
29	Acetylcholinesterase-choline oxidase-based mini-reactors coupled with silver solid amalgam electrode for amperometric detection of acetylcholine in flow injection analysis. Journal of Electroanalytical Chemistry, 2020, 860, 113883.	3.8	14
30	Evaluation of human macrophage functional state by voltammetric monitoring of nitrite ions. Analytical and Bioanalytical Chemistry, 2020, 412, 5097-5104.	3.7	0
31	A novel voltammetric approach to the detection of primary bile acids in serum samples. Bioelectrochemistry, 2020, 134, 107539.	4.6	7
32	Terminology of electrochemical methods of analysis (IUPAC Recommendations 2019). Pure and Applied Chemistry, 2020, 92, 641-694.	1.9	55
33	Amperometric Biosensor Based on Enzymatic Reactor for Choline Determination in Flow Systems. Electroanalysis, 2019, 31, 1901-1912.	2.9	12
34	Determination of tumour biomarkers homovanillic and vanillylmandelic acid using flow injection analysis with amperometric detection at a boron doped diamond electrode. Analytica Chimica Acta, 2019, 1087, 44-50.	5.4	20
35	Electrochemical microcell based on silver solid amalgam electrode for voltammetric determination of pesticide difenzoquat. Sensors and Actuators B: Chemical, 2019, 299, 126931.	7.8	7
36	The role of 3,4-dihydroxyphenylacetic acid adsorption in the oxidation of homovanillic acid at a glassy carbon rotating disc electrode. Journal of Electroanalytical Chemistry, 2019, 838, 129-135.	3.8	7

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37	Preparation and Investigation of Silver Nanoparticleâ€“Antibody Bioconjugates for Electrochemical Immunoassay of Tick-Borne Encephalitis. Sensors, 2019, 19, 2103.	3.8	27
38	Silver Amalgam Tubular Detector Combined with Platinum Auxiliary Electrode for Electrochemical Measurements in Flow Systems. Electroanalysis, 2019, 31, 1878-1887.	2.9	2
39	Special Issue of Electroanalysis Dedicated to the Memory of Professor Emil PaleÄek. Electroanalysis, 2019, 31, 1815-1815.	2.9	0
40	Application of hollow fibre based microextraction for voltammetric determination of vanillylmandelic acid in human urine. Journal of Electroanalytical Chemistry, 2019, 835, 130-136.	3.8	15
41	Comparison of Glassy Carbon and Copper Microparticles as a Renewable Working Electrode Material for Amperometric Determination of Amino Acids Using Flow Through Detector. Electroanalysis, 2019, 31, 357-362.	2.9	3
42	Determination of three Tumor Biomarkers (Homovanillic Acid, Vanillylmandelic Acid, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (Electroanalysis, 2019, 31, 303-308.	2.9	16
43	Electrochemical Behavior and Sensitive Methods of the Voltammetric Determination of Food Azo Dyes Amaranth and Allura Red AC on Amalgam Electrodes. Food Analytical Methods, 2019, 12, 409-421.	2.6	26
44	Vanillylmandelic and Homovanillic acid: Electroanalysis at non-modified and polymer-modified carbon-based electrodes. Journal of Electroanalytical Chemistry, 2018, 821, 22-32.	3.8	31
45	SERS platform for detection of lipids and disease markers prepared using modification of plasmonic-active gold gratings by lipophilic moieties. Sensors and Actuators B: Chemical, 2018, 265, 182-192.	7.8	35
46	Simultaneous Determination of Homovanillic and Vanillylmandelic Acid by HPLC Using a Coulometric Detector with Renewable Glassy Carbon Microbeads Based Working Electrode. Electroanalysis, 2018, 30, 1455-1460.	2.9	9
47	Electrochemical behavior of polycrystalline gold electrode modified by thiolated calix[4]arene and undecanethiol. Journal of Electroanalytical Chemistry, 2018, 821, 60-66.	3.8	6
48	Voltammetric Detection of Catecholamine Metabolites Using TrÃ¶ger's Base Modified Electrode. Electroanalysis, 2018, 30, 734-739.	2.9	11
49	Model Biological Membranes and Possibilities of Application of Electrochemical Impedance Spectroscopy for their Characterization. Electroanalysis, 2018, 30, 207-219.	2.9	13
50	Bile acids: Electrochemical oxidation on bare electrodes after acid-induced dehydration. Electrochemistry Communications, 2018, 86, 99-103.	4.7	11
51	Miniaturized voltammetric cell for cathodic voltammetry making use of an agar membrane. Journal of Electroanalytical Chemistry, 2018, 821, 47-52.	3.8	7
52	Amperometric Determination of Catecholamines by Enzymatic Biosensors in Flow Systems. Electroanalysis, 2018, 30, 1163-1171.	2.9	15
53	Simultaneous determination of tert-butylhydroquinone, propyl gallate, and butylated hydroxyanisole by flow-injection analysis with multiple-pulse amperometric detection. Talanta, 2018, 178, 231-236.	5.5	34
54	Sensors for voltammetric determination of food azo dyes - A critical review. Electrochimica Acta, 2018, 260, 974-985.	5.2	117

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55	Voltammetry of a Novel Antimycobacterial Agent 1â€Hydroxyâ€Nâ€(4â€nitrophenyl)naphthaleneâ€2â€carboxamide in a Single Drop of a Solution. Electroanalysis, 2018, 30, 38-47.	2.9	8
56	Simultaneous determination of sinapic acid and tyrosol by flow-injection analysis with multiple-pulse amperometric detection. Monatshefte FÃ¼r Chemie, 2018, 149, 1679-1684.	1.8	3
57	Fast scanning voltammetric detector for high performance liquid chromatography. Electrochimica Acta, 2018, 281, 534-539.	5.2	3
58	Electrochemical nonenzymatic sensor for cholesterol determination in food. Analytical and Bioanalytical Chemistry, 2018, 410, 5085-5092.	3.7	16
59	Electrochemical DNA biosensor for detection of DNA damage induced by hydroxyl radicals. Bioelectrochemistry, 2017, 116, 1-9.	4.6	56
60	Non-Enzymatic Electrochemistry in Characterization and Analysis of Steroid Compounds. Critical Reviews in Analytical Chemistry, 2017, 47, 384-404.	3.5	12
61	Influence of boron content on the morphological, spectral, and electroanalytical characteristics of anodically oxidized boron-doped diamond electrodes. Electrochimica Acta, 2017, 243, 170-182.	5.2	101
62	Voltammetric and amperometric determination of selected catecholamine metabolites using glassy carbon paste electrode. Monatshefte FÃ¼r Chemie, 2017, 148, 511-515.	1.8	10
63	Voltammetric determination of sodium anthraquinone-2-sulfonate using silver solid amalgam electrodes. Monatshefte FÃ¼r Chemie, 2017, 148, 577-583.	1.8	6
64	Determination of 2,4,6-Trinitrophenol by Differential Pulse Voltammetry at a Bismuth Bulk Working Electrode. Journal of the Electrochemical Society, 2017, 164, H316-H320.	2.9	9
65	Surface modification of Au and Ag plasmonic thin films via diazonium chemistry: Evaluation of structure and properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 516, 274-285.	4.7	53
66	Coulometric detector based on carbon felt. Applied Materials Today, 2017, 9, 482-486.	4.3	3
67	Voltammetric Determination of Aclonifen at a Silver Amalgam Electrode in Drinking and River Water. Ecological Chemistry and Engineering S, 2017, 24, 277-284.	1.5	1
68	Micro volume voltammetric determination of 4-nitrophenol in dimethyl sulfoxide at a glassy carbon electrode. Monatshefte FÃ¼r Chemie, 2017, 148, 1639-1644.	1.8	4
69	Voltammetric Determination of Tumor Biomarkers for Neuroblastoma (Homovanillic Acid,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Electroanalysis, 2017, 29, 146-153.	2.9	25
70	Combination of Flow Injection Analysis and Fast Scan Differential Pulse Voltammetry for the Determination of Antioxidants. Electroanalysis, 2017, 29, 182-187.	2.9	10
71	Basic electrochemical properties of sputtered gold film electrodes. Electrochimica Acta, 2017, 251, 452-460.	5.2	36
72	Voltammetric Determination of Cymoxanil and Famoxadone at Different Types of Carbon Electrodes. Electroanalysis, 2016, 28, 1029-1034.	2.9	11

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73	Electrochemical study of 4-chloro-3-methylphenol on anodically pretreated boron-doped diamond electrode in the absence and presence of a cationic surfactant. Journal of Electroanalytical Chemistry, 2016, 771, 1-9.	3.8	62
74	Investigation of Voltammetric Behaviour of Insecticide Chlorpyrifos on a Mercury Meniscus Modified Silver Solid Amalgam Electrode. Electrochimica Acta, 2016, 216, 510-516.	5.2	28
75	Voltammetric analysis of 5-(4-Azidophenyl)-2â€²-deoxycytidine nucleoside and azidophenyl-labelled single- and double-stranded DNAs. Electrochimica Acta, 2016, 215, 72-83.	5.2	9
76	Recent Applications of Mercury Electrodes for Monitoring of Pesticides: A Critical Review. Electroanalysis, 2016, 28, 2659-2671.	2.9	37
77	Antimony film electrodes for voltammetric determination of pesticide trifluralin. Journal of Electroanalytical Chemistry, 2016, 778, 1-6.	3.8	20
78	Electrochemical Biosensors Based on Enzymatic Reactors Filled by Various Types of Silica and Amalgam Powders for Measurements in Flow Systems. Electroanalysis, 2016, 28, 3028-3038.	2.9	7
79	Voltammetry at a Hanging Mercury Drop Electrode as a Tool for the Study of the Interaction of Doubleâ€stranded DNA with Genotoxic 4â€Nitrobiphenyl. Electroanalysis, 2016, 28, 2760-2770.	2.9	6
80	Polarographic and voltammetric determination of genotoxic 4-nitroindane at mercury electrodes. Monatshefte FÃ¼r Chemie, 2016, 147, 143-151.	1.8	1
81	Differential pulse voltammetric determination of 4-nitroaniline using a glassy carbon electrode: comparative study between cathodic and anodic quantification. Monatshefte FÃ¼r Chemie, 2016, 147, 111-118.	1.8	16
82	Interaction study of methyl violet 2B with DNA and voltammetric determination of DNA in aqueous solutions. Monatshefte FÃ¼r Chemie, 2016, 147, 119-126.	1.8	6
83	Voltammetric determination of fenitrothion and study of its interaction with DNA at a mercury meniscus modified silver solid amalgam electrode. Monatshefte FÃ¼r Chemie, 2016, 147, 135-142.	1.8	7
84	Application of silver solid amalgam electrode for determination of formamidine amitraz. Monatshefte FÃ¼r Chemie, 2016, 147, 181-189.	1.8	9
85	Nanoparticles functionalized with phenylboronic acid for the potentiometric detection of saccharides. Journal of Electroanalytical Chemistry, 2016, 761, 106-111.	3.8	12
86	Voltametric, Amperometric, and Chronopotentiometric Determination of Submicromolar Concentrations of Carboxin. Electroanalysis, 2016, 28, 445-451.	2.9	1
87	Determination of 2-nitrophenol using carbon film electrode. Monatshefte FÃ¼r Chemie, 2016, 147, 173-179.	1.8	4
88	A miniaturized electrode system for voltammetric determination of electrochemically reducible environmental pollutants. Sensors and Actuators B: Chemical, 2016, 227, 263-270.	7.8	20
89	Voltammetric determination of homovanillic acid and vanillylmandelic acid on a disposable electrochemical measuring cell system with integrated carbon composite film electrodes. Monatshefte FÃ¼r Chemie, 2016, 147, 89-96.	1.8	17
90	Electrochemical study of 5-nitroquinoline using carbon film electrode and its determination in model samples of drinking and river water. Monatshefte FÃ¼r Chemie, 2016, 147, 153-158.	1.8	5

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91	The Use of the Silver Solid Amalgam Electrode for Voltammetric Determination of 9-nitroanthracene. Analytical Letters, 2016, 49, 37-48.	1.8	5
92	Determination of Methyl Violet 2B using Polarographic and Voltammetric Methods at Mercury Electrodes. Analytical Letters, 2016, 49, 56-65.	1.8	9
93	Chemical Modification of Boron-Doped Diamond Electrodes for Applications to Biosensors and Biosensing. Critical Reviews in Analytical Chemistry, 2016, 46, 248-256.	3.5	90
94	Methods for the Determination of Endocrine-Disrupting Phthalate Esters. Critical Reviews in Analytical Chemistry, 2016, 46, 146-159.	3.5	38
95	Voltammetric Determination of 5-nitroindazole using a Bismuth Bulk Electrode. Analytical Letters, 2016, 49, 49-55.	1.8	10
96	Oxidative and Reductive Detection Modes for Determination of Nitrophenols by High-Performance Liquid Chromatography with Amperometric Detection at a Boron Doped Diamond Electrode. Analytical Letters, 2016, 49, 66-79.	1.8	22
97	Voltammetric Determination of 8â€Nitroquinoline Using a Silver Solid Electrode and Its Application to Model Samples of Drinking and River Water. Electroanalysis, 2015, 27, 510-516.	2.9	4
98	Construction and Application of Flow Enzymatic Biosensor Based of Silver Solid Amalgam Electrode for Determination of Sarcosine. Electroanalysis, 2015, 27, 2559-2566.	2.9	9
99	Voltammetric Determination of Nitrofurantoin at a Mercury Meniscus Modified Silver Solid Amalgam Electrode. Electroanalysis, 2015, 27, 185-192.	2.9	27
100	A Voltammetric Technique Using A Modified Carbon Paste Electrode For The Determination Of Aclonifen. Ecological Chemistry and Engineering S, 2015, 22, 451-458.	1.5	3
101	New flow-through coulometric detector with renewable working electrode material for flow injection analysis and HPLC. Electrochimica Acta, 2015, 154, 397-403.	5.2	10
102	Voltammetric Determination of 2â€Aminofluorenâ€9â€one and Investigation of Its Interaction with DNA on a Glassy Carbon Electrode. Electroanalysis, 2015, 27, 101-110.	2.9	21
103	Carbonâ€Based Electrodes for Sensitive Electroanalytical Determination of Aminonaphthalenes. Electroanalysis, 2015, 27, 1556-1564.	2.9	11
104	Determination of bromhexine at a glassy carbon paste electrode using differential pulse voltammetry and flow injection analysis with amperometric detection. Monatshefte FÃ¼r Chemie, 2015, 146, 1211-1215.	1.8	5
105	Determination of 5-nitroindazole using silver solid amalgam electrode. Monatshefte FÃ¼r Chemie, 2015, 146, 761-769.	1.8	11
106	Cyclic voltammetry as a tool for model testing of catalytic Pt- and Ag-doped carbon microspheres. Journal of Electroanalytical Chemistry, 2015, 757, 176-182.	3.8	5
107	Application of Nonâ€Stopâ€Flow Differential Pulse Voltammetry at a Tubular Detector of Silver Solid Amalgam for Electrochemical Determination of Lomustine (CCNU). Electroanalysis, 2014, 26, 306-311.	2.9	14
108	Screenâ€Printed Disposable Sensors Modified with Bismuth Precursors for Rapid Voltammetric Determination of 3 Ecotoxic Nitrophenols. Electroanalysis, 2014, 26, 766-775.	2.9	27

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109	Electrochemical Biosensors Based on Enzymatic Reactor of Silver Solid Amalgam Powder for Measurements in Flow Systems. Electroanalysis, 2014, 26, 1729-1738.	2.9	14
110	Voltammetric Determination of Insecticide Thiamethoxam on Silver Solid Amalgam Electrode. Electrochimica Acta, 2014, 140, 5-10.	5.2	25
111	Voltammetric Study of dsDNA Modified by Multi-redox Label Based on N-methyl-4-hydrazino-7-nitrobenzofurazan. Electrochimica Acta, 2014, 129, 348-357.	5.2	16
112	Tubular and Microcylindrical Platinum Electrodes for Amperometric Detection of Aminobiphenyls and Aminonaphthalenes in HPLC. Electroanalysis, 2014, 26, 687-696.	2.9	4
113	Construction of an Electrochemical Cell System Based on Carbon Composite Film Electrodes and its Application for Voltammetric Determination of Triclosan. Electroanalysis, 2014, 26, 1920-1927.	2.9	20
114	Voltammetric determination of 2-amino-6-nitrobenzothiazole and 5-nitrobenzimidazole using a silver solid amalgam electrode modified by a microcrystalline natural graphiteâ€“polystyrene composite film. Journal of Electroanalytical Chemistry, 2014, 717-718, 237-242.	3.8	13
115	Differential pulse voltammetric determination of paracetamol in tablet and urine samples at a micro-crystalline natural graphiteâ€“polystyrene composite film modified electrode. Electrochimica Acta, 2013, 101, 238-242.	5.2	69
116	Utilization of Carbon Paste Electrodes for the Voltammetric Determination of Chlortoluron. Electroanalysis, 2013, 25, 1529-1534.	2.9	3
117	Voltammetric Determination of Trace Amounts of 2â€Aminofluorenâ€9â€one at a Mercury Meniscus Modified Silver Solid Amalgam Electrode. Electroanalysis, 2013, 25, 295-302.	2.9	10
118	Voltammetric and Amperometric Determination of Mixtures of Aminobiphenyls and Aminonaphthalenes Using Boron Doped Diamond Electrode. Electroanalysis, 2013, 25, 253-262.	2.9	24
119	Flow electrochemical biosensors based on enzymatic porous reactor and tubular detector of silver solid amalgam. Analytica Chimica Acta, 2013, 778, 24-30.	5.4	22
120	Determination of Sulfamethizole Using Voltammetry and Amperometry on Carbon Paste Electrode. Electroanalysis, 2013, 25, 189-194.	2.9	7
121	Possibilities and Limitations of Mercury and Mercury-based Electrodes in Practical Electroanalysis of Biologically Active Organic Compounds. Portugaliae Electrochimica Acta, 2013, 31, 291-295.	1.1	13
122	Voltammetric Determination of Dinitronaphthalenes Using a Silver Solid Amalgam Paste Electrode. Analytical Sciences, 2012, 28, 411-415.	1.6	5
123	Tubular Detector of Silver Solid Amalgam for Electrochemical Measurements in Flow Systems. Electroanalysis, 2012, 24, 2230-2234.	2.9	18
124	European Analytical Column No. 40 by the Division of Analytical Chemistry (DAC) of the European Association for Chemical and Molecular Sciences (EuCheMS). Accreditation and Quality Assurance, 2012, 17, 553-556.	0.8	0
125	Voltammetric Determination of Carcinogenic Derivatives of Pyrene Using a Boron-Doped Diamond Film Electrode. Analytical Letters, 2012, 45, 449-459.	1.8	29
126	Electrochemical oxidation of 6-hydroxyquinoline on a glassy carbon paste electrode: Voltammetric and computational study. Journal of Electroanalytical Chemistry, 2012, 677-680, 69-77.	3.8	8

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127	Bismuth film electrode at a silver solid amalgam substrate as a new tool for voltammetric determination of electrochemically reducible organic compounds. Talanta, 2012, 102, 68-74.	5.5	21
128	Voltammetric DNA Biosensor Based on a Microcrystalline Natural Graphiteâ€"Polystyrene Composite Transducer. Procedia Chemistry, 2012, 6, 52-59.	0.7	6
129	Determination of 1-hydroxypyrene in human urine by HPLC with electrochemical detection at a boron-doped diamond film electrode. Analytical and Bioanalytical Chemistry, 2012, 404, 693-699.	3.7	17
130	The Use of Silver Solid Amalgam Electrodes for Voltammetric and Amperometric Determination of Nitrated Polyaromatic Compounds Used as Markers of Incomplete Combustion. Scientific World Journal, The, 2012, 2012, 1-12.	2.1	20
131	Behavior of Glassy Carbon Paste Electrode in Flowing Methanolic Solutions. Electroanalysis, 2012, 24, 1766-1770.	2.9	4
132	European Analytical Column No. 40. Analytical and Bioanalytical Chemistry, 2012, 404, 5-7.	3.7	0
133	Voltammetric and amperometric determination of selected dinitronaphthalenes using single crystal silver amalgam based sensors. Electrochimica Acta, 2012, 73, 23-30.	5.2	21
134	Voltammetric determination of 2-amino-6-nitrobenzothiazole at two different silver amalgam electrodes. Electrochimica Acta, 2012, 62, 335-340.	5.2	16
135	European Analytical Column. TrAC - Trends in Analytical Chemistry, 2012, 35, 1-3.	11.4	1
136	A voltammetric comparison of the properties of carbon paste electrodes containing glassy carbon microparticles of various sizes. Journal of Electroanalytical Chemistry, 2012, 675, 18-24.	3.8	6
137	Voltammetric and amperometric determination of metoclopramide on boron-doped diamond film electrode. Open Chemistry, 2012, 10, 1310-1317.	1.9	6
138	Thinâ€Layer and Wallâ€Jet Arrangement of Amperometric Detector with Boronâ€Doped Diamond Electrode: Comparison of Amperometric Determination of Aminobiphenyls in HPLCâ€ED. Electroanalysis, 2012, 24, 649-658.	2.9	15
139	Polarographic and voltammetric determination of genotoxic 2-aminofluoren-9-one at mercury electrodes. Collection of Czechoslovak Chemical Communications, 2011, 76, 1775-1790.	1.0	3
140	Voltammetric determination of 1,2-diaminoanthraquinone using carbon paste electrode. Collection of Czechoslovak Chemical Communications, 2011, 76, 1033-1041.	1.0	0
141	Polarographic and voltammetric determination of genotoxic nitro derivatives of quinoline using mercury electrodes. Collection of Czechoslovak Chemical Communications, 2011, 76, 1991-2004.	1.0	5
142	Voltammetric determination of 6-nitrobenzimidazole in the presence of surfactants. Collection of Czechoslovak Chemical Communications, 2011, 76, 1317-1325.	1.0	4
143	Voltammetric and amperometric determination of 2,4-dinitrophenol metabolites. Talanta, 2011, 85, 2594-2598.	5.5	10
144	Crystallic silver amalgam â€" a novel electrode material. Analyst, The, 2011, 136, 3656.	3.5	37

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145	Voltammetric determination of the herbicide Bifenox in drinking and river water using a silver solid amalgam electrode. Environmental Chemistry Letters, 2011, 9, 83-86.	16.2	28
146	Voltammetric Determination of Selected Nitro Compounds at a Polished Silver Solid Amalgam Composite Electrode. Electroanalysis, 2011, 23, 129-139.	2.9	55
147	Determination of Benzocaine Using HPLC and FIA with Amperometric Detection on a Carbon Paste Electrode. Electroanalysis, 2011, 23, 662-666.	2.9	8
148	Determination of Nitrophenols in Drinking and River Water by Differential Pulse Voltammetry at Boronâ€Doped Diamond Film Electrode. Electroanalysis, 2011, 23, 1236-1244.	2.9	30
149	Voltammetric Determination of 4â€Nitrophenol and 5â€Nitrobenzimidazole Using Different Types of Silver Solid Amalgam Electrodes â€“ A Comparative Study. Electroanalysis, 2011, 23, 1548-1555.	2.9	23
150	Preparation and Properties of Reference Electrodes Based on Silver Paste Amalgam. Electroanalysis, 2011, 23, 2226-2231.	2.9	25
151	Determination of resveratrol in grains, hulls and leaves of common and tartary buckwheat by HPLC with electrochemical detection at carbon paste electrode. Food Chemistry, 2011, 126, 374-378.	8.2	34
152	A novel paste electrode based on a silver solid amalgam and an organic pasting liquid. Journal of Electroanalytical Chemistry, 2011, 656, 218-222.	3.8	28
153	Amalgam Electrodes in Organic Electrochemistry. Current Organic Chemistry, 2011, 15, 2957-2969.	1.6	72
154	Electrochemistry of Pesticides and its Analytical Applications. Current Organic Chemistry, 2011, 15, 2923-2935.	1.6	50
155	Influence of the soil organic matter content on voltammetric determination of derivatised glyphosate in herbicide contaminated soils. Collection of Czechoslovak Chemical Communications, 2011, 76, 1263-1275.	1.0	5
156	Boron Doped Diamond Microelectrodes and Microelectrode Arrays in Organic Electrochemistry. Current Organic Chemistry, 2011, 15, 3014-3028.	1.6	59
157	Electroanalysis of Nitro and Amino Derivatives of Polycyclic Aromatic Hydrocarbons. Current Organic Chemistry, 2011, 15, 3059-3076.	1.6	60
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