

Christopher Brett

List of Publications by Year in descending order

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288
papers

11,747
citations

25014

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88
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297
all docs

297
docs citations

297
times ranked

10185
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyruvate Oxidase Biosensors Based on Glassy Carbon Electrodes Modified with Carbon Nanotubes and Poly(Neutral Red) Synthesized in Ethaline Deep Eutectic Solvent. <i>Electroanalysis</i> , 2022, 34, 724-734.	1.5	6
2	Highly sensitive and selective nanostructured microbiosensors for glucose and lactate simultaneous measurements in blood serum and in vivo in brain tissue. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113874.	5.3	18
3	Electrochemical Impedance Spectroscopy in the Characterisation and Application of Modified Electrodes for Electrochemical Sensors and Biosensors. <i>Molecules</i> , 2022, 27, 1497.	1.7	67
4	A novel nanostructured poly(thionine)-deep eutectic solvent/CuO nanoparticle film-modified disposable pencil graphite electrode for determination of acetaminophen in the presence of ascorbic acid. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1149-1157.	1.9	14
5	Hybrid Nanocomposite Platform, Based on Carbon Nanotubes and Poly(Methylene Blue) Redox Polymer Synthesized in Ethaline Deep Eutectic Solvent for Electrochemical Determination of 5-Aminosalicylic Acid. <i>Sensors</i> , 2021, 21, 1161.	2.1	13
6	Binary and ternary deep eutectic solvent mixtures: Influence on methylene blue electropolymerisation. <i>Electrochemistry Communications</i> , 2021, 124, 106967.	2.3	15
7	The International Union of Pure and Applied Chemistry and its role on the world stage. <i>National Science Review</i> , 2021, 8, nwab036.	4.6	2
8	Polyphenazine and polytriphenylmethane redox polymer/nanomaterial-based electrochemical sensors and biosensors: a review. <i>Mikrochimica Acta</i> , 2021, 188, 178.	2.5	27
9	Electrochemical Sensor for Caffeine in Coffee and Beverages Using a Naphthalene Sulfonic Acid Polymer Film-Based Modified Electrode. <i>Food Analytical Methods</i> , 2021, 14, 2386-2394.	1.3	13
10	Electrosynthesis and characterisation of novel poly(Nile blue)-deep eutectic solvent/Prussian blue nanoparticle modified electrodes and their biosensing application. <i>Journal of Electroanalytical Chemistry</i> , 2021, 896, 115188.	1.9	4
11	New series of BODIPY dyes: Synthesis, characterization and applications in photovoltaic cells and light-emitting diodes. <i>Dyes and Pigments</i> , 2021, 193, 109517.	2.0	10
12	Magnetic-field-assisted deposition of self-assembling crystallite layers of Co ²⁺ -containing layered double hydroxides. <i>Chemical Communications</i> , 2021, 57, 6899-6902.	2.2	2
13	Biotoxic trace metal ion detection by enzymatic inhibition of a glucose biosensor based on a poly(brilliant green)-deep eutectic solvent/carbon nanotube modified electrode. <i>Talanta</i> , 2020, 208, 120427.	2.9	34
14	Electrochemical Determination of Tyrosine using a Novel Tyrosinase Multi-Walled Carbon Nanotube (MWCNT) Polysulfone Modified Glassy Carbon Electrode (GCE). <i>Analytical Letters</i> , 2020, 53, 308-321.	1.0	14
15	Poly(methylene green) -based Ethaline deep eutectic solvent / Fe ₂ O ₃ nanoparticle modified electrode electrochemical sensor for the antibiotic dapsone. <i>Sensors and Actuators B: Chemical</i> , 2020, 325, 128747.	4.0	18
16	Electrochemical synthesis and characterization of poly(thionine)-deep eutectic solvent/carbon nanotube-modified electrodes and application to electrochemical sensing. <i>Mikrochimica Acta</i> , 2020, 187, 609.	2.5	22
17	Future tasks of electrochemical research. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2051-2052.	1.2	5
18	Novel biosensor for acetylcholine based on acetylcholinesterase/poly(neutral red) -based Deep eutectic solvent/Fe ₂ O ₃ nanoparticle modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2020, 872, 114050.	1.9	47

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19	Enhanced selectivity and stability of ruthenium purple-modified carbon fiber microelectrodes for detection of hydrogen peroxide in brain tissue. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127899.	4.0	14
20	Electroanalysis of Cefadroxil Antibiotic at Carbon Nanotube/Gold Nanoparticle Modified Glassy Carbon Electrodes. <i>ChemElectroChem</i> , 2020, 7, 2151-2158.	1.7	9
21	Terminology of electrochemical methods of analysis (IUPAC Recommendations 2019). <i>Pure and Applied Chemistry</i> , 2020, 92, 641-694.	0.9	55
22	<i>Pure and Applied Chemistry</i> Diamond Jubilee Issue. <i>Pure and Applied Chemistry</i> , 2020, 92, 1893-1894.	0.9	1
23	Choline oxidase inhibition biosensor based on poly(brilliant cresyl blue) deep eutectic solvent / carbon nanotube modified electrode for dichlorvos organophosphorus pesticide. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126862.	4.0	53
24	A biocompatible redox MRI probe based on a Mn(II)/Mn(III) porphyrin. <i>Dalton Transactions</i> , 2019, 48, 3249-3262.	1.6	24
25	Novel nanocomposite film modified electrode based on poly(brilliant cresyl blue)-deep eutectic solvent/carbon nanotubes and its biosensing applications. <i>Electrochimica Acta</i> , 2019, 317, 766-777.	2.6	35
26	Electrochemical Sensor Based on Multiwalled Carbon Nanotube/Gold Nanoparticle Modified Glassy Carbon Electrode for Detection of Estradiol in Environmental Samples. <i>Electroanalysis</i> , 2019, 31, 1925-1933.	1.5	38
27	Electrochemical characterization of cefadroxil β -lactam antibiotic and Cu(II) complex formation. <i>Journal of Electroanalytical Chemistry</i> , 2019, 844, 124-131.	1.9	12
28	Sustainable Electro-Responsive Semi-Interpenetrating Starch/Ionic Liquid Copolymer Networks for the Controlled Sorption/Release of Biomolecules. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10516-10532.	3.2	10
29	Impedimetric sensor for tyramine based on gold nanoparticle doped-poly(8-anilino-1-naphthalene sulphonate) modified electrode. <i>Sensors</i> , 2019, 19, 4314.	2.9	29
30	Tyrosinase based amperometric biosensor for determination of tyramine in fermented food and beverages with gold nanoparticle doped poly(8-anilino-1-naphthalene sulphonic acid) modified electrode. <i>Food Chemistry</i> , 2019, 282, 18-26.	4.2	56
31	Polymer/Iron Oxide Nanoparticle Modified Glassy Carbon Electrodes for the Enhanced Detection of Epinephrine. <i>Electroanalysis</i> , 2019, 31, 704-710.	1.5	29
32	Influence of the supramolecular arrangement of iron phthalocyanine thin films on catecholamine oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2019, 836, 7-15.	1.9	10
33	Vanillylmandelic and Homovanillic acid: Electroanalysis at non-modified and polymer-modified carbon-based electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2018, 821, 22-32.	1.9	31
34	Iron Oxide Nanoparticle and Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes. Application to Levodopa Detection. <i>Electroanalysis</i> , 2018, 30, 1342-1348.	1.5	27
35	A novel amperometric enzyme inhibition biosensor based on xanthine oxidase immobilised onto glassy carbon electrodes for bisphenol A determination. <i>Talanta</i> , 2018, 184, 388-393.	2.9	26
36	Ferricyanide Confined in a Protonated Amine-Functionalized Silica Film on Gold: Application to Electrocatalytic Sensing of Nitrite Ions. <i>Analytical Letters</i> , 2018, 51, 496-511.	1.0	6

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37	Improved glucose label-free biosensor with layer-by-layer architecture and conducting polymer poly(3,4-ethylenedioxythiophene). <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 3227-3234.	4.0	53
38	Deep eutectic solvents for the production and application of new materials. <i>Applied Materials Today</i> , 2018, 10, 30-50.	2.3	442
39	Gold nanoparticle decorated multiwalled carbon nanotube modified electrodes for the electrochemical determination of theophylline. <i>Analytical Methods</i> , 2018, 10, 5634-5642.	1.3	38
40	Perspectives and challenges for self-assembled layer-by-layer biosensor and biomaterial architectures. <i>Current Opinion in Electrochemistry</i> , 2018, 12, 21-26.	2.5	17
41	Deep eutectic solvents and applications in electrochemical sensing. <i>Current Opinion in Electrochemistry</i> , 2018, 10, 143-148.	2.5	109
42	Electrochemical determination of Cd(II) and Pb(II) in mining effluents using a bismuth-coated carbon fiber microelectrode. <i>Analytical Methods</i> , 2018, 10, 3624-3630.	1.3	5
43	Ceramic-Based Multisite Platinum Microelectrode Arrays: Morphological Characteristics and Electrochemical Performance for Extracellular Oxygen Measurements in Brain Tissue. <i>Analytical Chemistry</i> , 2017, 89, 1674-1683.	3.2	29
44	A novel sensitive amperometric choline biosensor based on multiwalled carbon nanotubes and gold nanoparticles. <i>Talanta</i> , 2017, 167, 462-469.	2.9	64
45	Nanostructured electropolymerized poly(methylene blue) films from deep eutectic solvents. Optimization and characterization. <i>Electrochimica Acta</i> , 2017, 232, 285-295.	2.6	59
46	L-lactate selective impedimetric bienzymatic biosensor based on lactate dehydrogenase and pyruvate oxidase. <i>Electrochimica Acta</i> , 2017, 231, 209-215.	2.6	36
47	Highly Sensitive Choline Oxidase Enzyme Inhibition Biosensor for Lead Ions Based on Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes. <i>Electroanalysis</i> , 2017, 29, 1741-1748.	1.5	25
48	Construction and evaluation of carbon black and poly(ethylene co-vinyl)acetate (EVA) composite electrodes for development of electrochemical (bio)sensors. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 10-18.	4.0	19
49	β-Cyclodextrin carbon nanotube-enhanced sensor for ciprofloxacin detection. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 313-319.	0.9	43
50	Catalase based hydrogen peroxide biosensor for mercury determination by inhibition measurements. <i>Journal of Hazardous Materials</i> , 2017, 340, 344-350.	6.5	46
51	Electrochemical sensor based on multiwalled carbon nanotube and gold nanoparticle modified electrode for the sensitive detection of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 513-522.	4.0	192
52	Nanocomposites based on carbon nanotubes and redox-active polymers synthesized in a deep eutectic solvent as a new electrochemical sensing platform. <i>Mikrochimica Acta</i> , 2017, 184, 3919-3927.	2.5	36
53	Electrochemical cell design for the impedance studies of chlorine evolution at DSA [®] anodes. <i>Review of Scientific Instruments</i> , 2016, 87, 085113.	0.6	5
54	New CNT/poly(brilliant green) and CNT/poly(3,4-ethylenedioxythiophene) based electrochemical enzyme biosensors. <i>Analytica Chimica Acta</i> , 2016, 927, 35-45.	2.6	33

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55	Electrochemical synthesis, characterisation and comparative study of new conducting polymers from amino-substituted naphthalene sulfonic acids. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2969-2979.	1.2	13
56	Phosphonium ionic liquids as greener electrolytes for poly(vinyl chloride)-based ionic conducting polymers. <i>RSC Advances</i> , 2016, 6, 88979-88990.	1.7	6
57	Molecular engineering of a π -conjugated polymer film of the azo dye Bismarck Brown Y. <i>RSC Advances</i> , 2016, 6, 101318-101322.	1.7	15
58	Carbon nanotube β -cyclodextrin-modified electrode for quantification of cocaine in seized street samples. <i>Ionics</i> , 2016, 22, 2511-2518.	1.2	27
59	Highly sensitive amperometric enzyme biosensor for detection of superoxide based on conducting polymer/CNT modified electrodes and superoxide dismutase. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 574-582.	4.0	65
60	Electrochemical characterisation of poly(3,4-ethylenedioxythiophene) film modified glassy carbon electrodes prepared in deep eutectic solvents for simultaneous sensing of biomarkers. <i>Electrochimica Acta</i> , 2016, 187, 704-713.	2.6	56
61	Iron Phthalocyanine Electrodeposited Films: Characterization and Influence on Dopamine Oxidation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 15698-15706.	1.5	17
62	Recent advances in layer-by-layer strategies for biosensors incorporating metal nanoparticles. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 79, 286-296.	5.8	46
63	Carbon nanotube β -cyclodextrin modified electrode as enhanced sensing platform for the determination of fungicide pyrimethanil. <i>Food Control</i> , 2016, 60, 7-11.	2.8	26
64	(Keynote) Electrochemical Impedance Spectroscopy for Sensor and Biosensor Characterization and for Impedimetric Sensing. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
65	Acidic and Basic Functionalized Carbon Nanomaterials as Electrical Bridges in Enzyme Loaded Chitosan/Poly(styrene sulfonate) Self-Assembled Layer-by-Layer Glucose Biosensors. <i>Electroanalysis</i> , 2015, 27, 2139-2149.	1.5	18
66	Comparison of Cobalt Hexacyanoferrate and Poly(Neutral Red) Modified Carbon Film Electrodes for the Amperometric Detection of Heavy Metals Based on Glucose Oxidase Enzyme Inhibition. <i>Analytical Letters</i> , 2015, 48, 659-671.	1.0	6
67	Mechanical characterization of single-walled carbon nanotubes: Numerical simulation study. <i>Composites Part B: Engineering</i> , 2015, 75, 73-85.	5.9	47
68	Electrochemical sensor for simultaneous determination of herbicide MCPA and its metabolite 4-chloro-2-methylphenol. Application to photodegradation environmental monitoring. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4491-4499.	2.7	18
69	Electrochemical sensors and biosensors based on redox polymer/carbon nanotube modified electrodes: A review. <i>Analytica Chimica Acta</i> , 2015, 881, 1-23.	2.6	327
70	Carbon-Based Electrodes for Sensitive Electroanalytical Determination of Aminonaphthalenes. <i>Electroanalysis</i> , 2015, 27, 1556-1564.	1.5	11
71	Synthesis, structure, and spectral and electrochemical properties of chromium(III) tris-(8-hydroxyquinolate). <i>Dalton Transactions</i> , 2015, 44, 11491-11503.	1.6	19
72	Nickel-N,N'-bis(salicylidene)-1,3-propanediamine (Ni-Salpn) film-modified electrodes. Influence of electrodeposition conditions and of electrode material on electrochemical behaviour in aqueous solution. <i>Electrochimica Acta</i> , 2015, 178, 80-91.	2.6	15

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73	Poly(thionine)-carbon nanotube modified carbon film electrodes and application to the simultaneous determination of acetaminophen and dipyrone. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2869-2881.	1.2	38
74	New electrode architectures based on poly(methylene green) and functionalized carbon nanotubes: Characterization and application to detection of acetaminophen and pyridoxine. <i>Journal of Electroanalytical Chemistry</i> , 2015, 736, 8-15.	1.9	56
75	Other Types of Sensors: Impedance-Based Sensors, FET Sensors, Acoustic Sensors. <i>Nanostructure Science and Technology</i> , 2014, , 351-370.	0.1	1
76	Highly sensitive poly(3,4-ethylenedioxythiophene) modified electrodes by electropolymerisation in deep eutectic solvents. <i>Electrochemistry Communications</i> , 2014, 44, 8-11.	2.3	45
77	Photodynamic Therapy Efficacy Enhanced by Dynamics: The Role of Charge Transfer and Photostability in the Selection of Photosensitizers. <i>Chemistry - A European Journal</i> , 2014, 20, 5346-5357.	1.7	105
78	Electrochemical Investigation and Determination of Levodopa on Poly(Nile Blue®)/Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes. <i>Electroanalysis</i> , 2014, 26, 1320-1325.	1.5	22
79	Simple electrochemical sensor for caffeine based on carbon and Nafion-modified carbon electrodes. <i>Food Chemistry</i> , 2014, 149, 215-220.	4.2	84
80	Poly(neutral red) based hydrogen peroxide biosensor for chromium determination by inhibition measurements. <i>Journal of Hazardous Materials</i> , 2014, 279, 348-355.	6.5	46
81	Nitrogen doped graphene and its derivatives as sensors and efficient direct electron transfer platform for enzyme biosensors. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 579-587.	4.0	45
82	Poly(brilliant green) and poly(thionine) modified carbon nanotube coated carbon film electrodes for glucose and uric acid biosensors. <i>Talanta</i> , 2014, 130, 198-206.	2.9	46
83	A new self-assembled layer-by-layer glucose biosensor based on chitosan biopolymer entrapped enzyme with nitrogen doped graphene. <i>Bioelectrochemistry</i> , 2014, 99, 46-52.	2.4	76
84	Design of a new hypoxanthine biosensor: xanthine oxidase modified carbon film and multi-walled carbon nanotube/carbon film electrodes. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3813-3822.	1.9	41
85	Graphite®Polyurethane and Graphite®Silicone Rubber Composite Electrodes for Electrochemical Characterization and Determination of Minoxidil. <i>Electroanalysis</i> , 2013, 25, 706-715.	1.5	12
86	Simple and Efficient Epinephrine Sensor Based on Carbon Nanotube Modified Carbon Film Electrodes. <i>Analytical Letters</i> , 2013, 46, 1379-1393.	1.0	57
87	Polyphenazine films as inhibitors of copper corrosion. <i>Journal of Electroanalytical Chemistry</i> , 2013, 688, 282-288.	1.9	16
88	Carbon Nanotube, Carbon Black and Copper Nanoparticle Modified Screen Printed Electrodes for Amino Acid Determination. <i>Electroanalysis</i> , 2013, 25, 903-913.	1.5	34
89	Chemically modified graphene and nitrogen-doped graphene: Electrochemical characterisation and sensing applications. <i>Electrochimica Acta</i> , 2013, 114, 533-542.	2.6	65
90	Characterisation of screen-printed gold and gold nanoparticle-modified carbon sensors by electrochemical impedance spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 2013, 709, 70-76.	1.9	17

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91	Development of Greener Multi-Responsive Chitosan Biomaterials Doped with Biocompatible Ammonium Ionic Liquids. ACS Sustainable Chemistry and Engineering, 2013, 1, 1480-1492.	3.2	78
92	Virgin olive oil ortho-phenolsâ€”electroanalytical quantification. Talanta, 2013, 105, 179-186.	2.9	35
93	Electrochemical and morphological characterisation of polyphenazine films on copper. Applied Surface Science, 2013, 285, 380-388.	3.1	5
94	Glucose oxidase enzyme inhibition sensors for heavy metals at carbon film electrodes modified with cobalt or copper hexacyanoferrate. Sensors and Actuators B: Chemical, 2013, 178, 270-278.	4.0	68
95	New Robust Redox and Conducting Polymer Modified Electrodes for Ascorbate Sensing and Glucose Biosensing. Electroanalysis, 2013, 25, 77-84.	1.5	25
96	Synthesis, characterization and influence of poly(brilliant green) on the performance of different electrode architectures based on carbon nanotubes and poly(3,4-ethylenedioxythiophene). Electrochimica Acta, 2013, 98, 199-207.	2.6	21
97	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.	4.0	89
98	DNA and Enzyme-Based Electrochemical Biosensors: Electrochemistry and AFM Surface Characterization. , 2013, , 105-125.		1
99	A novel amperometric sensor for ascorbic acid based on poly(Nile blue A) and functionalised multi-walled carbon nanotube modified electrodes. Talanta, 2013, 111, 76-84.	2.9	59
100	New redox and conducting polymer modified electrodes for cholesterol biosensing. Analytical Methods, 2013, 5, 1199.	1.3	21
101	Poly(brilliant green)/carbon nanotube-modified carbon film electrodes and application as sensors. Journal of Solid State Electrochemistry, 2013, 17, 1571-1580.	1.2	18
102	Electrochemical Determination of the Herbicide Bentazone Using a Carbon Nanotube Î²â€”Cyclodextrin Modified Electrode. Electroanalysis, 2013, 25, 2360-2366.	1.5	17
103	Electrochemical Biosensors. Series in Sensors, 2013, , 33-70.	0.0	2
104	Bioelectroanalysis of pharmaceutical compounds. , 2013, , 245-267.		0
105	Enhanced hostâ€”guest electrochemical recognition of herbicide MCPA using a Î²-cyclodextrin carbon nanotube sensor. Talanta, 2012, 99, 288-293.	2.9	38
106	Development and characterization of poly(3,4-ethylenedioxythiophene)-coated poly(methylene Tj ETQq0 0 0 rgBT /Qverlock_10 Tf 50 1.	2.1	23
107	Corrosion protection of aluminium alloy by cerium conversion and conducting polymer duplex coatings. Corrosion Science, 2012, 63, 342-350.	3.0	109
108	Carbon nanotube modified carbon cloth electrodes: Characterisation and application as biosensors. Electrochimica Acta, 2012, 85, 203-209.	2.6	30

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109	Electrochemical Characterization of and Stripping Voltammetry at Screen Printed Electrodes Modified with Different Brands of Multiwall Carbon Nanotubes and Bismuth Films. <i>Analytical Letters</i> , 2012, 45, 395-407.	1.0	28
110	Voltammetric Sensing of Amino Acids in the Presence of Cu(II) in Acidic and Alkaline Solutions. <i>Electroanalysis</i> , 2012, 24, 1047-1055.	1.5	3
111	Poly(Neutral Red)/Cholesterol Oxidase Modified Carbon Film Electrode for Cholesterol Biosensing. <i>Electroanalysis</i> , 2012, 24, 1547-1553.	1.5	10
112	Modified electrodes with Keggin-type silicotungstates and poly(brilliant cresyl blue). <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2267-2273.	1.2	4
113	Bioelectroanalysis of pharmaceutical compounds. <i>Bioanalytical Reviews</i> , 2012, 4, 31-53.	0.1	45
114	Electrosynthesis and characterisation of poly(Nile blue) films. <i>Journal of Electroanalytical Chemistry</i> , 2011, 662, 328-333.	1.9	20
115	Methylene blue and neutral red electropolymerisation on AuQCM and on modified AuQCM electrodes: an electrochemical and gravimetric study. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 5462.	1.3	27
116	Evaluation of the corrosion protection behaviour of poly(neutral red) films on passivated copper. <i>Corrosion Science</i> , 2011, 53, 3970-3977.	3.0	18
117	Electrochemical impedance study of self-assembled layer-by-layer iron silicotungstate/poly(ethylenimine) modified electrodes. <i>Electrochimica Acta</i> , 2011, 56, 7940-7945.	2.6	31
118	Layer-by-layer self-assembly and electrocatalytic properties of poly(ethylenimine)-silicotungstate multilayer composite films. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 811-819.	1.2	40
119	Electrochemical sensing in solution origins, applications and future perspectives. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 1487-1494.	1.2	59
120	Application of room temperature ionic liquids to the development of electrochemical lipase biosensing systems for water-insoluble analytes. <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 96-101.	1.9	15
121	Application of Square Wave Anodic Stripping Voltammetry for Determination of Traces of Ti(II) at Carbon Electrodes In Situ Modified with Bi Films. <i>Electroanalysis</i> , 2011, 23, 1301-1305.	1.5	8
122	Methylene Blue/Multiwall Carbon Nanotube Modified Electrode for the Amperometric Determination of Hydrogen Peroxide. <i>Electroanalysis</i> , 2011, 23, 2290-2296.	1.5	39
123	Preparation and characterisation of poly(3,4-ethylenedioxythiophene) and poly(3,4-ethylenedioxythiophene)/poly(neutral red) modified carbon film electrodes, and application as sensors for hydrogen peroxide. <i>Electrochimica Acta</i> , 2011, 56, 3685-3692.	2.6	39
124	Preparation and electrochemical properties of modified electrodes with Keggin-type silicotungstates and PEDOT. <i>Journal of Electroanalytical Chemistry</i> , 2011, 660, 50-56.	1.9	31
125	Direct electron transfer of glucose oxidase at glassy carbon electrode modified with functionalized carbon nanotubes within a dihexadecylphosphate film. <i>Sensors and Actuators B: Chemical</i> , 2011, 158, 411-417.	4.0	88
126	Electroanalytical Characterisation of Dopa Decarboxylase Inhibitors Carbidopa and Benserazide on Multiwalled Carbon Nanotube and Poly(Nile blue A) Modified Glassy Carbon Electrodes. <i>International Journal of Electrochemistry</i> , 2011, 2011, 1-7.	2.4	5

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127	Mechanism of Formation and Construction of Self-Assembled Myoglobin/Hyaluronic Acid Multilayer Films: An Electrochemical QCM, Impedance, and AFM Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15354-15361.	1.2	20
128	Glassy carbon electrodes modified by multiwalled carbon nanotubes and poly(neutral red): A comparative study of different brands and application to electrocatalytic ascorbate determination. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1675-1685.	1.9	58
129	Electrochemical impedance studies of chitosan-modified electrodes for application in electrochemical sensors and biosensors. <i>Electrochimica Acta</i> , 2010, 55, 6239-6247.	2.6	175
130	Interaction between myoglobin and hyaluronic acid in layer-by-layer structures—An electrochemical study. <i>Electrochimica Acta</i> , 2010, 55, 6358-6366.	2.6	9
131	Characterization of graphite—polyurethane composite electrodes modified with organofunctionalized SBA-15 nanostructured silica in the presence of heavy metal ions. Application to anodic stripping voltammetry. <i>Mikrochimica Acta</i> , 2010, 171, 1-9.	2.5	15
132	The influence of carbon nanotubes and polyazine redox mediators on the performance of amperometric enzyme biosensors. <i>Mikrochimica Acta</i> , 2010, 170, 257-265.	2.5	22
133	The Fourth International Workshop on Biosensors for Food Safety and Environmental Monitoring. <i>Mikrochimica Acta</i> , 2010, 170, 191-192.	2.5	0
134	Simultaneous Determination of Cadmium, Lead, Copper and Mercury Ions Using Organofunctionalized SBA-15 Nanostructured Silica Modified Graphite—Polyurethane Composite Electrode. <i>Electroanalysis</i> , 2010, 22, 61-68.	1.5	72
135	Direct Electrochemical Determination of Glyphosate at Copper Phthalocyanine/Multiwalled Carbon Nanotube Film Electrodes. <i>Electroanalysis</i> , 2010, 22, 1586-1591.	1.5	38
136	Characterization and Application of Bismuth—Film Modified Graphite—Polyurethane Composite Electrodes. <i>Electroanalysis</i> , 2010, 22, 1437-1445.	1.5	40
137	Analytical Potentialities of Carbon Nanotube/Silicone Rubber Composite Electrodes: Determination of Propranolol. <i>Electroanalysis</i> , 2010, 22, 2776-2783.	1.5	28
138	Novel poly(hexylmethacrylate) composite carbon electrodes modified with Keggin-type tungstophosphate-tetrabutylammonium salts. <i>Journal of Electroanalytical Chemistry</i> , 2010, 639, 83-87.	1.9	13
139	Electrochemical behaviour of self-assembly multilayer films based on iron-substituted γ -Keggin polyoxotungstates. <i>Thin Solid Films</i> , 2010, 518, 5881-5888.	0.8	40
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