

Christopher Brett

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

283
papers

9,369
citations

51
h-index

78
g-index

297
ext. papers

10,310
ext. citations

4.7
avg, IF

6.65
L-index

#	Paper	IF	Citations
283	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> , 2021 , 199, 113874	11.8	2
282	Binary and ternary deep eutectic solvent mixtures: Influence on methylene blue electropolymerisation. <i>Electrochemistry Communications</i> , 2021 , 124, 106967	5.1	3
281	The International Union of Pure and Applied Chemistry and its role on the world stage. <i>National Science Review</i> , 2021 , 8, nwab036	10.8	0
280	Polyphenazine and polytriphenylmethane redox polymer/nanomaterial-based electrochemical sensors and biosensors: a review. <i>Mikrochimica Acta</i> , 2021 , 188, 178	5.8	5
279	Electrochemical Sensor for Caffeine in Coffee and Beverages Using a Naphthalene Sulfonic Acid Polymer FilmBased Modified Electrode. <i>Food Analytical Methods</i> , 2021 , 14, 2386	3.4	1
278	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	4.4	5
277	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,	3.8	2
276	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	4.1	0
275	New series of BODIPY dyes: Synthesis, characterization and applications in photovoltaic cells and light-emitting diodes. <i>Dyes and Pigments</i> , 2021 , 193, 109517	4.6	3
274	Magnetic-field-assisted deposition of self-assembling crystallite layers of Co-containing layered double hydroxides. <i>Chemical Communications</i> , 2021 , 57, 6899-6902	5.8	0
273	Future tasks of electrochemical research. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 2051-2052	2.6	1
272	Novel biosensor for acetylcholine based on acetylcholinesterase/poly(neutral red) [Deep eutectic solvent/Fe ₂ O ₃ nanoparticle modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 872, 114050	4.1	20
271	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	8.5	8
270	Electroanalysis of Cefadroxil Antibiotic at Carbon Nanotube/Gold Nanoparticle Modified Glassy Carbon Electrodes. <i>ChemElectroChem</i> , 2020 , 7, 2151-2158	4.3	5
269	Terminology of electrochemical methods of analysis (IUPAC Recommendations 2019). <i>Pure and Applied Chemistry</i> , 2020 , 92, 641-694	2.1	23
268	Pure and Applied Chemistry Diamond Jubilee Issue. <i>Pure and Applied Chemistry</i> , 2020 , 92, 1893-1894	2.1	1
267	Poly(methylene green) [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	8.5	7

266	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	5.8	9
265	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	6.2	21
264	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	2.2	10
263	A biocompatible redox MRI probe based on a Mn(ii)/Mn(iii) porphyrin. <i>Dalton Transactions</i> , 2019 , 48, 3249-3262	4.3	14
262	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	6.7	25
261	Electrochemical Sensor Based on Multi-walled Carbon Nanotube/Gold Nanoparticle Modified Glassy Carbon Electrode for Detection of Estradiol in Environmental Samples. <i>Electroanalysis</i> , 2019 , 31, 1925-1933	3	23
260	Electrochemical characterization of cefadroxil lactam antibiotic and Cu(II) complex formation. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 844, 124-131	4.1	7
259	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	8.3	7
258	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	8.5	27
257	Impedimetric sensor for tyramine based on gold nanoparticle doped-poly(8-anilino-1-naphthalene sulphonic acid) modified gold electrodes. <i>Talanta</i> , 2019 , 195, 604-612	6.2	20
256	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	8.5	33
255	Polymer/Iron Oxide Nanoparticle Modified Glassy Carbon Electrodes for the Enhanced Detection of Epinephrine. <i>Electroanalysis</i> , 2019 , 31, 704-710	3	16
254	Influence of the supramolecular arrangement of iron phthalocyanine thin films on catecholamine oxidation. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 836, 7-15	4.1	8
253	Vanillylmandelic and Homovanillic acid: Electroanalysis at non-modified and polymer-modified carbon-based electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 821, 22-32	4.1	21
252	Iron Oxide Nanoparticle and Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes. Application to Levodopa Detection. <i>Electroanalysis</i> , 2018 , 30, 1342-1348	3	20
251	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	6.2	17
250	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	2.2	2
249	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	8.5	39

248	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	3.2	2
247	Deep eutectic solvents for the production and application of new materials. <i>Applied Materials Today</i> , 2018 , 10, 30-50	6.6	270
246	Gold nanoparticle decorated multiwalled carbon nanotube modified electrodes for the electrochemical determination of theophylline. <i>Analytical Methods</i> , 2018 , 10, 5634-5642	3.2	23
245	Perspectives and challenges for self-assembled layer-by-layer biosensor and biomaterial architectures. <i>Current Opinion in Electrochemistry</i> , 2018 , 12, 21-26	7.2	10
244	Deep eutectic solvents and applications in electrochemical sensing. <i>Current Opinion in Electrochemistry</i> , 2018 , 10, 143-148	7.2	51
243	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	7.8	21
242	A novel sensitive amperometric choline biosensor based on multiwalled carbon nanotubes and gold nanoparticles. <i>Talanta</i> , 2017 , 167, 462-469	6.2	46
241	Nanostructured electropolymerized poly(methylene blue) films from deep eutectic solvents. Optimization and characterization. <i>Electrochimica Acta</i> , 2017 , 232, 285-295	6.7	43
240	L-lactate selective impedimetric bienzymatic biosensor based on lactate dehydrogenase and pyruvate oxidase. <i>Electrochimica Acta</i> , 2017 , 231, 209-215	6.7	24
239	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	3	12
238	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	8.5	14
237	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	2.3	31
236	Catalase based hydrogen peroxide biosensor for mercury determination by inhibition measurements. <i>Journal of Hazardous Materials</i> , 2017 , 340, 344-350	12.8	32
235	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	8.5	133
234	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	5.8	29
233	Carbon nanotube β-cyclodextrin modified electrode as enhanced sensing platform for the determination of fungicide pyrimethanil. <i>Food Control</i> , 2016 , 60, 7-11	6.2	22
232	Molecular engineering of a β-conjugated polymer film of the azo dye Bismarck Brown Y. <i>RSC Advances</i> , 2016 , 6, 101318-101322	3.7	10
231	Carbon nanotube β-cyclodextrin-modified electrode for quantification of cocaine in seized street samples. <i>Ionics</i> , 2016 , 22, 2511-2518	2.7	20

230	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	8.5	58
229	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	6.7	45
228	Iron Phthalocyanine Electrodeposited Films: Characterization and Influence on Dopamine Oxidation. <i>Journal of Physical Chemistry C</i> , 2016 , 120, 15698-15706	3.8	11
227	Recent advances in layer-by-layer strategies for biosensors incorporating metal nanoparticles. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 79, 286-296	14.6	36
226	Electrochemical cell design for the impedance studies of chlorine evolution at DSA(□) anodes. <i>Review of Scientific Instruments</i> , 2016 , 87, 085113	1.7	3
225	New CNT/poly(brilliant green) and CNT/poly(3,4-ethylenedioxythiophene) based electrochemical enzyme biosensors. <i>Analytica Chimica Acta</i> , 2016 , 927, 35-45	6.6	25
224	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	2.6	8
223	Phosphonium ionic liquids as greener electrolytes for poly(vinyl chloride)-based ionic conducting polymers. <i>RSC Advances</i> , 2016 , 6, 88979-88990	3.7	4
222	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, 4491-9	5.1	14
221	Electrochemical sensors and biosensors based on redox polymer/carbon nanotube modified electrodes: a review. <i>Analytica Chimica Acta</i> , 2015 , 881, 1-23	6.6	254
220	Carbon-Based Electrodes for Sensitive Electroanalytical Determination of Aminonaphthalenes. <i>Electroanalysis</i> , 2015 , 27, 1556-1564	3	11
219	Synthesis, structure, and spectral and electrochemical properties of chromium(III) tris-(8-hydroxyquinolate). <i>Dalton Transactions</i> , 2015 , 44, 11491-503	4.3	16
218	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	6.7	13
217	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	2.6	25
216	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	4.1	47
215	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	3	17
214	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	2.2	6
213	Mechanical characterization of single-walled carbon nanotubes: Numerical simulation study. <i>Composites Part B: Engineering</i> , 2015 , 75, 73-85	10	38

212	Electrochemical Investigation and Determination of Levodopa on Poly(Nile Blue-A)/Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes. <i>Electroanalysis</i> , 2014 , 26, 1320-1325	3	18
211	Simple electrochemical sensor for caffeine based on carbon and Nafion-modified carbon electrodes. <i>Food Chemistry</i> , 2014 , 149, 215-20	8.5	73
210	Poly(neutral red) based hydrogen peroxide biosensor for chromium determination by inhibition measurements. <i>Journal of Hazardous Materials</i> , 2014 , 279, 348-55	12.8	38
209	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	8.5	39
208	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	6.2	35
207	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	5.6	68
206	Other Types of Sensors: Impedance-Based Sensors, FET Sensors, Acoustic Sensors. <i>Nanostructure Science and Technology</i> , 2014 , 351-370	0.9	1
205	Highly sensitive poly(3,4-ethylenedioxythiophene) modified electrodes by electropolymerisation in deep eutectic solvents. <i>Electrochemistry Communications</i> , 2014 , 44, 8-11	5.1	36
204	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, 5346-57	4.8	82
203	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, 3813-22	4.4	33
202	Graphite-Polyurethane and Graphite-Silicone Rubber Composite Electrodes for Electrochemical Characterization and Determination of Minoxidil. <i>Electroanalysis</i> , 2013 , 25, 706-715	3	10
201	Simple and Efficient Epinephrine Sensor Based on Carbon Nanotube Modified Carbon Film Electrodes. <i>Analytical Letters</i> , 2013 , 46, 1379-1393	2.2	46
200	Polyphenazine films as inhibitors of copper corrosion. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 688, 282-288	4.1	14
199	Carbon Nanotube, Carbon Black and Copper Nanoparticle Modified Screen Printed Electrodes for Amino Acid Determination. <i>Electroanalysis</i> , 2013 , 25, 903-913	3	33
198	Chemically modified graphene and nitrogen-doped graphene: Electrochemical characterisation and sensing applications. <i>Electrochimica Acta</i> , 2013 , 114, 533-542	6.7	57
197	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	4.1	13
196	Development of Greener Multi-Responsive Chitosan Biomaterials Doped with Biocompatible Ammonium Ionic Liquids. <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 1480-1492	8.3	58
195	Virgin olive oil ortho-phenols--electroanalytical quantification. <i>Talanta</i> , 2013 , 105, 179-86	6.2	30

194	Electrochemical and morphological characterisation of polyphenazine films on copper. <i>Applied Surface Science</i> , 2013 , 285, 380-388	6.7	4
193	Glucose oxidase enzyme inhibition sensors for heavy metals at carbon film electrodes modified with cobalt or copper hexacyanoferrate. <i>Sensors and Actuators B: Chemical</i> , 2013 , 178, 270-278	8.5	61
192	New Robust Redox and Conducting Polymer Modified Electrodes for Ascorbate Sensing and Glucose Biosensing. <i>Electroanalysis</i> , 2013 , 25, 77-84	3	21
191	Synthesis, characterization and influence of poly(brilliant green) on the performance of different electrode architectures based on carbon nanotubes and poly(3,4-ethylenedioxythiophene). <i>Electrochimica Acta</i> , 2013 , 98, 199-207	6.7	17
190	Tyrosinase biosensor based on a glassy carbon electrode modified with multi-walled carbon nanotubes and 1-butyl-3-methylimidazolium chloride within a dihexadecylphosphate film. <i>Sensors and Actuators B: Chemical</i> , 2013 , 188, 1101-1108	8.5	77
189	DNA and Enzyme-Based Electrochemical Biosensors: Electrochemistry and AFM Surface Characterization 2013 , 105-125		1
188	A novel amperometric sensor for ascorbic acid based on poly(Nile blue A) and functionalised multi-walled carbon nanotube modified electrodes. <i>Talanta</i> , 2013 , 111, 76-84	6.2	46
187	New redox and conducting polymer modified electrodes for cholesterol biosensing. <i>Analytical Methods</i> , 2013 , 5, 1199	3.2	20
186	Poly(brilliant green)/carbon nanotube-modified carbon film electrodes and application as sensors. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 1571-1580	2.6	16
185	Electrochemical Determination of the Herbicide Bentazone Using a Carbon Nanotube β Cyclodextrin Modified Electrode. <i>Electroanalysis</i> , 2013 , 25, n/a-n/a	3	7
184	Electrochemical Biosensors. <i>Series in Sensors</i> , 2013 , 33-70		1
183	Bioelectroanalysis of pharmaceutical compounds 2013 , 245-267		
182	Bioelectroanalysis of pharmaceutical compounds. <i>Bioanalytical Reviews</i> , 2012 , 4, 31-53	1	35
181	Enhanced host-guest electrochemical recognition of herbicide MCPA using a β cyclodextrin carbon nanotube sensor. <i>Talanta</i> , 2012 , 99, 288-93	6.2	34
180	Development and characterization of poly(3,4-ethylenedioxythiophene)-coated poly(methylene blue)-modified carbon electrodes. <i>Synthetic Metals</i> , 2012 , 161, 2718-2726	3.6	18
179	Corrosion protection of aluminium alloy by cerium conversion and conducting polymer duplex coatings. <i>Corrosion Science</i> , 2012 , 63, 342-350	6.8	83
178	Carbon nanotube modified carbon cloth electrodes: Characterisation and application as biosensors. <i>Electrochimica Acta</i> , 2012 , 85, 203-209	6.7	26
177	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	2.2	24

176	Voltammetric Sensing of Amino Acids in the Presence of Cu(II) in Acidic and Alkaline Solutions. <i>Electroanalysis</i> , 2012 , 24, 1047-1055	3	2
175	Poly(Neutral Red)/Cholesterol Oxidase Modified Carbon Film Electrode for Cholesterol Biosensing. <i>Electroanalysis</i> , 2012 , 24, 1547-1553	3	10
174	Modified electrodes with Keggin-type silicotungstates and poly(brilliant cresyl blue). <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 2267-2273	2.6	4
173	Electrosynthesis and characterisation of poly(Nile blue) films. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 662, 328-333	4.1	16
172	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, 5462-5471	3.6	21
171	Evaluation of the corrosion protection behaviour of poly(neutral red) films on passivated copper. <i>Corrosion Science</i> , 2011 , 53, 3970-3977	6.8	14
170	Electrochemical impedance study of self-assembled layer-by-layer iron/silicotungstate/poly(ethylenimine) modified electrodes. <i>Electrochimica Acta</i> , 2011 , 56, 7940-7945	6.7	30
169	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	2.6	38
168	Electrochemical sensing in solution of tryptophan, applications and future perspectives. <i>Journal of Solid State Electrochemistry</i> , 2011 , 15, 1487-1494	2.6	36
167	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	4.1	15
166	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	3	7
165	Methylene Blue/Multiwall Carbon Nanotube Modified Electrode for the Amperometric Determination of Hydrogen Peroxide. <i>Electroanalysis</i> , 2011 , 23, 2290-2296	3	33
164	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	6.7	33
163	Preparation and electrochemical properties of modified electrodes with Keggin-type silicotungstates and PEDOT. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 660, 50-56	4.1	27
162	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	8.5	78
161	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	4
160	Phenazines and Polyphenazines in Electrochemical Sensors and Biosensors. <i>Analytical Letters</i> , 2010 , 43, 1588-1608	2.2	93
159	A corrosion study of nanocrystalline copper thin films. <i>Corrosion Science</i> , 2010 , 52, 3891-3895	6.8	13

158	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, 15354-61	3.4	18
157	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, 1675-85	4.4	53
156	Electrochemical impedance studies of chitosan-modified electrodes for application in electrochemical sensors and biosensors. <i>Electrochimica Acta</i> , 2010 , 55, 6239-6247	6.7	143
155	Interaction between myoglobin and hyaluronic acid in layer-by-layer structures: An electrochemical study. <i>Electrochimica Acta</i> , 2010 , 55, 6358-6366	6.7	9
154	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	5.8	10
153	The influence of carbon nanotubes and polyazine redox mediators on the performance of amperometric enzyme biosensors. <i>Mikrochimica Acta</i> , 2010 , 170, 257-265	5.8	18
152	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	3	60
151	Direct Electrochemical Determination of Glyphosate at Copper Phthalocyanine/Multiwalled Carbon Nanotube Film Electrodes. <i>Electroanalysis</i> , 2010 , 22, n/a-n/a	3	12
150	Characterization and Application of Bismuth-Film Modified Graphite-Polyurethane Composite Electrodes. <i>Electroanalysis</i> , 2010 , 22, 1437-1445	3	35
149	Analytical Potentialities of Carbon Nanotube/Silicone Rubber Composite Electrodes: Determination of Propranolol. <i>Electroanalysis</i> , 2010 , 22, 2776-2783	3	22
148	Novel poly(hexylmethacrylate) composite carbon electrodes modified with Keggin-type tungstophosphate-tetrabutylammonium salts. <i>Journal of Electroanalytical Chemistry</i> , 2010 , 639, 83-87	4.1	13
147	Electrochemical behaviour of self-assembly multilayer films based on iron-substituted Keggin polyoxotungstates. <i>Thin Solid Films</i> , 2010 , 518, 5881-5888	2.2	39
146	Graphite-epoxy electrodes modified with functionalised carbon nanotubes and chitosan for the rapid electrochemical determination of dipyrone. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010 , 13, 590-8	1.3	19
145	Electrochemical Behavior of Verapamil at Graphite/Polyurethane Composite Electrodes: Determination of Release Profiles in Pharmaceutical Samples. <i>Analytical Letters</i> , 2009 , 42, 1119-1135	2.2	23
144	Development of redox-mediated oxysilane sol-gel biosensors on carbon-film electrode substrates. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 505-512	2.9	1
143	A strategy for immobilisation of carbon nanotubes homogenised in room temperature ionic liquids on carbon electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 633, 106-112	4.1	19
142	Application of functionalised carbon nanotubes immobilised into chitosan films in amperometric enzyme biosensors. <i>Sensors and Actuators B: Chemical</i> , 2009 , 142, 308-315	8.5	110
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