

# Ana Maria Cf Oliveira-Brett

## List of Publications by Year in descending order

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226  
papers

8,541  
citations

38742

50  
h-index

64796

79  
g-index

230  
all docs

230  
docs citations

230  
times ranked

7125  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA Electrochemical Biosensors for In Situ Probing of Pharmaceutical Drug Oxidative DNA Damage. Sensors, 2021, 21, 1125.	3.8	27
2	In situ electrochemical investigation of the interaction between bacteria Xylella fastidiosa DNA and copper(II) using DNA-electrochemical biosensors. Electrochemistry Communications, 2021, 125, 106975.	4.7	3
3	Amyloid beta peptides electrochemistry: A review. Current Opinion in Electrochemistry, 2021, 31, 100837.	4.8	3
4	Nanostructured material-based electrochemical sensing of oxidative DNA damage biomarkers 8-oxoguanine and 8-oxodeoxyguanosine: a comprehensive review. Mikročimica Acta, 2021, 188, 58.	5.0	17
5	Genotoxic permanent hair dye precursors p-aminophenol and p-toluenediamine electrochemical oxidation mechanisms and evaluation in biological fluids. Journal of Electroanalytical Chemistry, 2020, 857, 113509.	3.8	14
6	Caveolin proteins electrochemical oxidation and interaction with cholesterol. Bioelectrochemistry, 2020, 133, 107451.	4.6	9
7	Reprint of "Genotoxic permanent hair dye precursors p-aminophenol and p-toluenediamine electrochemical oxidation mechanisms and evaluation in biological fluids". Journal of Electroanalytical Chemistry, 2020, 872, 114529.	3.8	1
8	Future tasks of electrochemical research. Journal of Solid State Electrochemistry, 2020, 24, 2051-2052.	2.5	5
9	Human Hair Keratin Direct Electrochemistry and <i>In Situ</i> Interaction with <i>p</i> -Toluenediamine and <i>p</i> -Aminophenol Hair Dye Precursors using a Keratin Electrochemical Biosensor. ChemElectroChem, 2020, 7, 1277-1285.	3.4	6
10	Natural phenolic antioxidants electrochemistry: Towards a new food science methodology. Comprehensive Reviews in Food Science and Food Safety, 2020, 19, 1680-1726.	11.7	134
11	Calcium channel blocker lercanidipine electrochemistry using a carbon black-modified glassy carbon electrode. Analytical and Bioanalytical Chemistry, 2020, 412, 6381-6389.	3.7	2
12	Antidiabetic Drug Metformin Oxidation and <i>In situ</i> Interaction with dsDNA Using a dsDNA-Electrochemical Biosensor. Electroanalysis, 2019, 31, 1977-1987.	2.9	14
13	<i>In Situ</i> Evaluation of Anticancer Monoclonal Antibody Nivolumab-DNA Interaction Using a DNA-Electrochemical Biosensor. ChemElectroChem, 2019, 6, 4608-4616.	3.4	12
14	Nivolumab anticancer monoclonal antibody native and denatured direct electrochemistry at a glassy carbon electrode. Journal of Electroanalytical Chemistry, 2019, 851, 113251.	3.8	5
15	Bioelectrochemistry for sensing amino acids, peptides, proteins and DNA interactions. Current Opinion in Electrochemistry, 2019, 14, 173-179.	4.8	32
16	Phenolic Composition and Total Antioxidant Capacity by Electrochemical, Spectrophotometric and HPLC-EC Evaluation in Portuguese Red and White Wines. Electroanalysis, 2019, 31, 936-945.	2.9	16
17	Honey and Pollen Phenolic Composition, Antioxidant Capacity, and DNA Protecting Properties. Electroanalysis, 2019, 31, 611-618.	2.9	3
18	Amyloid Beta Peptide VHHQ, KLVFF, and IGLMVGGV Domains Involved in Fibrilization: AFM and Electrochemical Characterization. Analytical Chemistry, 2018, 90, 2285-2292.	6.5	32

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19	Isatin 1-morpholinomethyl, 1-hydroxymethyl, 1-methyl, and their halogenated derivatives, redox behaviour. <i>Journal of Electroanalytical Chemistry</i> , 2018, 812, 143-152.	3.8	2
20	Antileishmanial Drug Miltefosine's DNA Interaction Evaluation with a DNA Electrochemical Biosensor. <i>Electroanalysis</i> , 2018, 30, 48-56.	2.9	12
21	Pharmaceuticals released from senior residences: occurrence and risk evaluation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6095-6106.	5.3	24
22	Electrochemistry of Alzheimer Disease Amyloid Beta Peptides. <i>Current Medicinal Chemistry</i> , 2018, 25, 4066-4083.	2.4	15
23	Electrochemical and AFM Characterization of G-Quadruplex Electrochemical Biosensors and Applications. <i>Journal of Nucleic Acids</i> , 2018, 2018, 1-20.	1.2	24
24	Cyclic Lipopeptide Antibiotic Daptomycin Electrochemical Oxidation at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2017, 29, 1490-1496.	2.9	9
25	Human Cytochrome P450 (CYP1A2)'s DNA Interaction Evaluation Using a dsDNA Electrochemical Biosensor. <i>Electroanalysis</i> , 2017, 29, 1674-1682.	2.9	9
26	Calcium-induced calmodulin conformational change. Electrochemical evaluation. <i>Bioelectrochemistry</i> , 2017, 113, 69-78.	4.6	16
27	Alzheimer's disease amyloid beta peptides in vitro electrochemical oxidation. <i>Bioelectrochemistry</i> , 2017, 114, 13-23.	4.6	59
28	Flavonoids in Selected Mediterranean Fruits: Extraction, Electrochemical Detection and Total Antioxidant Capacity Evaluation. <i>Electroanalysis</i> , 2017, 29, 358-366.	2.9	15
29	Electron Transfer Reactions in Biological Systems. , 2017, , .		21
30	Applications of DNA-Electrochemical Biosensors in Cancer Research. <i>Comprehensive Analytical Chemistry</i> , 2017, , 287-336.	1.3	8
31	Guanine Quadruplex Electrochemical Aptasensors. <i>Chemosensors</i> , 2016, 4, 13.	3.6	15
32	Isotretinoin Oxidation and Electroanalysis in a Pharmaceutical Drug Using a Boron-doped Diamond Electrode. <i>Electroanalysis</i> , 2016, 28, 2709-2715.	2.9	8
33	Flavonoids electrochemical detection in fruit extracts and total antioxidant capacity evaluation. <i>Talanta</i> , 2016, 154, 284-291.	5.5	50
34	Amyloid $\beta$ peptides time-dependent structural modifications: AFM and voltammetric characterization. <i>Analytica Chimica Acta</i> , 2016, 926, 36-47.	5.4	36
35	Isatin halogen-derivatives redox behaviour. <i>Journal of Electroanalytical Chemistry</i> , 2016, 780, 75-83.	3.8	5
36	Flavonolignan Conjugates as DNA-binding Ligands and Topoisomerase I Inhibitors: Electrochemical and Electrophoretic Approaches. <i>Electroanalysis</i> , 2016, 28, 2866-2874.	2.9	8

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37	Bevacizumab anticancer monoclonal antibody: native and denatured redox behaviour. <i>Electrochimica Acta</i> , 2016, 206, 246-253.	5.2	17
38	Applications of a DNA-electrochemical biosensor. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 79, 23-36.	11.4	154
39	In situ electrochemical evaluation of dsDNA interaction with the anticancer drug danusertib nitrenium radical product using the DNA-electrochemical biosensor. <i>Bioelectrochemistry</i> , 2016, 107, 50-57.	4.6	39
40	Alzheimer Disease Amyloid Beta Peptides: AFM and Voltammetric Characterization. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
41	<i>Calligonum polygonoides</i> Linnaeus Extract: HPLC-EC and Total Antioxidant Capacity Evaluation. <i>Electroanalysis</i> , 2015, 27, 293-301.	2.9	16
42	Quadruplex-targeting anticancer drug BRACO-19 voltammetric and AFM characterization. <i>Electrochimica Acta</i> , 2015, 174, 155-163.	5.2	7
43	Atomic Force Microscopy and Voltammetric Investigation of Quadruplex Formation between a Triazole-Acridine Conjugate and Guanine-Containing Repeat DNA Sequences. <i>Analytical Chemistry</i> , 2015, 87, 6141-6149.	6.5	15
44	In situ dsDNA-bevacizumab anticancer monoclonal antibody interaction electrochemical evaluation. <i>Analytica Chimica Acta</i> , 2015, 898, 28-33.	5.4	16
45	Electrochemical evaluation of glutathione S-transferase kinetic parameters. <i>Bioelectrochemistry</i> , 2015, 101, 46-51.	4.6	17
46	Triazole-linked phenyl derivatives: Redox mechanisms and in situ electrochemical evaluation of interaction with dsDNA. <i>Bioelectrochemistry</i> , 2015, 101, 97-105.	4.6	2
47	In Situ Evaluation of the Anticancer Antibody Rituximab-dsDNA Interaction Using a DNA-Electrochemical Biosensor. <i>Electroanalysis</i> , 2014, 26, 1304-1311.	2.9	12
48	Electrochemical Oxidation of Sulfasalazine at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2014, 26, 924-930.	2.9	22
49	In situ evaluation of gemcitabine-dsDNA interaction using a DNA-electrochemical biosensor. <i>Bioelectrochemistry</i> , 2014, 99, 40-45.	4.6	29
50	Imunosuppressor leflunomide anodic behaviour at a boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2014, 729, 61-67.	3.8	6
51	Quadruplex Nanostructures of d(TGGGGT): Influence of Sodium and Potassium Ions. <i>Analytical Chemistry</i> , 2014, 86, 5851-5857.	6.5	28
52	Redox behaviour of G-quadruplexes. <i>Electrochimica Acta</i> , 2014, 126, 162-170.	5.2	38
53	Synthesis and electrochemical study of new 3-(hydroxyphenyl)benzo[f]coumarins. <i>Journal of Electroanalytical Chemistry</i> , 2014, 726, 62-70.	3.8	6
54	Time-dependent polyguanylic acid structural modifications. <i>Electrochemistry Communications</i> , 2014, 45, 71-74.	4.7	12

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55	In situ electrochemical evaluation of anticancer drug temozolomide and its metabolitesâ€“DNA interaction. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3783-3790.	3.7	37
56	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.	3.7	41
57	Temozolomide chemical degradation to 5-aminoimidazole-4-carboxamide â€“ Electrochemical study. <i>Journal of Electroanalytical Chemistry</i> , 2013, 704, 183-189.	3.8	36
58	Isatin nitro-derivatives redox behaviour. <i>Journal of Electroanalytical Chemistry</i> , 2013, 689, 207-215.	3.8	14
59	Virgin olive oil ortho-phenolsâ€“electroanalytical quantification. <i>Talanta</i> , 2013, 105, 179-186.	5.5	35
60	Human colon adenocarcinoma HT-29 cell: Electrochemistry and nicotine stimulation. <i>Bioelectrochemistry</i> , 2013, 94, 30-38.	4.6	3
61	New hydroxylated 3-arylcoumarins, synthesis and electrochemical study. <i>Journal of Electroanalytical Chemistry</i> , 2013, 689, 243-251.	3.8	9
62	DNA and Enzyme-Based Electrochemical Biosensors: Electrochemistry and AFM Surface Characterization. , 2013, , 105-125.		1
63	Atomic force microscopy and voltammetric characterisation of synthetic homo-oligodeoxynucleotides. <i>Electrochimica Acta</i> , 2013, 110, 599-607.	5.2	22
64	Self-assembled G-quadruplex nanostructures: AFM and voltammetric characterization. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9117.	2.8	48
65	Peptide methionine sulfoxide reductase A (MsrA): Direct electrochemical oxidation on carbon electrodes. <i>Bioelectrochemistry</i> , 2013, 89, 11-18.	4.6	78
66	Triazoleâ€“acridine conjugates: Redox mechanisms and in situ electrochemical evaluation of interaction with double-stranded DNA. <i>Bioelectrochemistry</i> , 2013, 89, 50-56.	4.6	29
67	Effect of 3- <i>O</i> -Galloyl Substitution on the Electrochemical Oxidation of Quercetin and Silybin Galloyl Esters at Glassy Carbon Electrode. <i>Electroanalysis</i> , 2013, 25, 1621-1627.	2.9	11
68	Redox Behaviour of Verbascoside and Rosmarinic Acid. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 92-97.	1.1	11
69	Direct Electrochemistry of Native and Denatured Anticancer Antibody Rituximab at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2013, 25, 1029-1034.	2.9	26
70	Bioelectroanalysis of pharmaceutical compounds. , 2013, , 245-267.		0
71	Hydroxyanthraquinones Carminic Acid and Chrysazin Anodic Oxidation. <i>Electroanalysis</i> , 2012, 24, 2079-2084.	2.9	11
72	Protein reducing agents dithiothreitol and tris(2-carboxyethyl)phosphine anodic oxidation. <i>Electrochemistry Communications</i> , 2012, 23, 114-117.	4.7	30

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73	Microcystin-LR and chemically degraded microcystin-LR electrochemical oxidation. <i>Analyst</i> , The, 2012, 137, 1904.	3.5	17
74	Proteasome Inhibitor Anticancer Drug Bortezomib Redox Behaviour at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2012, 24, 1915-1921.	2.9	8
75	<i>In Situ</i> DNA Oxidative Damage by Electrochemically Generated Hydroxyl Free Radicals on a Boron-Doped Diamond Electrode. <i>Langmuir</i> , 2012, 28, 4896-4901.	3.5	58
76	Guaicolic spices curcumin and capsaicin electrochemical oxidation behaviour at a glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2012, 682, 83-89.	3.8	42
77	Nucleoside analogue electrochemical behaviour and in situ evaluation of DNA-clofarabine interaction. <i>Bioelectrochemistry</i> , 2012, 87, 3-8.	4.6	24
78	Sorbic Acid and Its Degradation Products: Electrochemical Characterization. <i>Analytical Letters</i> , 2012, 45, 408-417.	1.8	6
79	Antineoplastic Drug Methotrexate Redox Mechanism Using a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2012, 24, 917-923.	2.9	26
80	Methoxylation and Glycosylation Effect on the Redox Mechanism of Citroflavones. <i>Electroanalysis</i> , 2012, 24, 1019-1026.	2.9	12
81	Anodic Behaviour of Flavonoids Orientin, Eriodictyol and Robinin at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2012, 24, 1576-1583.	2.9	16
82	DNA-cyanobacterial Hepatotoxins Microcystin-LR and Nodularin Interaction: Electrochemical Evaluation. <i>Electroanalysis</i> , 2012, 24, 547-553.	2.9	38
83	Electrochemical Oxidation Mechanisms of the Antioxidants Daidzein and 7-Hydroxychromone. <i>Electroanalysis</i> , 2012, 24, 618-626.	2.9	19
84	Bioelectroanalysis of pharmaceutical compounds. <i>Bioanalytical Reviews</i> , 2012, 4, 31-53.	0.2	45
85	In situ evaluation of anticancer drug methotrexate-DNA interaction using a DNA-electrochemical biosensor and AFM characterization. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 5227.	2.8	39
86	Laponite RD/polystyrenesulfonate nanocomposites obtained by photopolymerization. <i>Applied Clay Science</i> , 2011, 53, 27-32.	5.2	16
87	An Electrochemical Outlook on Tamoxifen Biotransformation: Current and Future Prospects. <i>Current Drug Metabolism</i> , 2011, 12, 372-382.	1.2	11
88	Electrochemical sensing in solution-origins, applications and future perspectives. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 1487-1494.	2.5	59
89	Evaluation of the structure-activity relationship of thrombin with thrombin binding aptamers by voltammetry and atomic force microscopy. <i>Journal of Electroanalytical Chemistry</i> , 2011, 656, 159-166.	3.8	25
90	Phenol and para-substituted phenols electrochemical oxidation pathways. <i>Journal of Electroanalytical Chemistry</i> , 2011, 655, 9-16.	3.8	384

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91	Pathways of Electrochemical Oxidation of Indolic Compounds. <i>Electroanalysis</i> , 2011, 23, 1337-1344.	2.9	88
92	Redox Mechanisms of Nodularin and Chemically Degraded Nodularin. <i>Electroanalysis</i> , 2011, 23, 2310-2319.	2.9	5
93	Anodic Oxidation of Cladribine and In Situ Evaluation of DNA-Cladribine Interaction. <i>Electroanalysis</i> , 2011, 23, 2651-2657.	2.9	11
94	Boron doped diamond and glassy carbon electrodes comparative study of the oxidation behaviour of cysteine and methionine. <i>Bioelectrochemistry</i> , 2011, 81, 46-52.	4.6	135
95	Anodic behavior of clioquinol at a glassy carbon electrode. <i>Bioelectrochemistry</i> , 2011, 80, 175-181.	4.6	21
96	In Situ Evaluation of Fludarabine-DNA Interaction Using a DNA-Electrochemical Biosensor. <i>International Journal of Electrochemistry</i> , 2011, 2011, 1-8.	2.4	8
97	In situ evaluation of chromium-DNA damage using a DNA-electrochemical biosensor. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1633-1641.	3.7	28
98	Polynuclear palladium complexes with biogenic polyamines: AFM and voltammetric characterization. <i>Bioelectrochemistry</i> , 2010, 78, 97-105.	4.6	15
99	Redox mechanism of lumazine at a glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2010, 647, 1-7.	3.8	27
100	Boron doped diamond electrode pre-treatments effect on the electrochemical oxidation of dsDNA, DNA bases, nucleotides, homopolynucleotides and biomarker 8-oxoguanine. <i>Journal of Electroanalytical Chemistry</i> , 2010, 648, 60-66.	3.8	77
101	Electrochemical Oxidation of Sanguinarine and of Its Oxidation Products at a Glassy Carbon Electrode - Relevance to Intracellular Effects. <i>Electroanalysis</i> , 2010, 22, 113-120.	2.9	7
102	Electrochemical Investigation of Na-Salt of 2-Methyl-3-(4-nitrophenyl)acrylate on Glassy Carbon Electrode. <i>Electroanalysis</i> , 2010, 22, 121-127.	2.9	5
103	Electrochemical Redox Behavior of Omeprazole Using a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2010, 22, 625-631.	2.9	34
104	Electrochemical Redox Behaviour of Temozolomide Using a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2010, 22, 2633-2640.	2.9	14
105	Electrochemical reduction mechanism of camptothecin at glassy carbon electrode. <i>Bioelectrochemistry</i> , 2010, 79, 173-178.	4.6	20
106	Electrochemical behaviour of dimethyl-2-oxoglutarate on glassy carbon electrode. <i>Bioelectrochemistry</i> , 2010, 77, 145-150.	4.6	24
107	Electrochemical oxidation of amphetamine-like drugs and application to electroanalysis of ecstasy in human serum. <i>Bioelectrochemistry</i> , 2010, 79, 77-83.	4.6	83
108	Voltammetric and electrochemical impedance spectroscopy characterization of a cathodic and anodic pre-treated boron doped diamond electrode. <i>Electrochimica Acta</i> , 2010, 55, 4599-4605.	5.2	73

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109	Thrombin-Binding Aptamer Quadruplex Formation: AFM and Voltammetric Characterization. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-8.	1.2	15
110	Solid State Electrochemical Behavior of Usnic Acid at a Glassy Carbon Electrode. <i>Analytical Letters</i> , 2010, 43, 1713-1722.	1.8	6
111	Electrochemical nucleic acid-based biosensors: Concepts, terms, and methodology (IUPAC Technical) <i>Tj ETQq1 1 0.784314 rgBT /Ove</i>	1.9	200
112	DNA Interaction with Palladium Chelates of Biogenic Polyamines Using Atomic Force Microscopy and Voltammetric Characterization. <i>Analytical Chemistry</i> , 2010, 82, 1245-1252.	6.5	44
113	Electrochemical Behavior of Triflusal, Aspirin and their Metabolites at Glassy Carbon and Boron Doped Diamond Electrodes. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010, 13, 569-577.	1.1	12
114	DNA-Electrochemical Biosensors: AFM Surface Characterisation and Application to Detection of In Situ Oxidative Damage to DNA. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2010, 13, 628-640.	1.1	42
115	Electrochemical Oxidation of Berberine and of Its Oxidation Products at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2009, 21, 1027-1034.	2.9	21
116	Interaction of imatinib with liposomes: Voltammetric and AFM characterization. <i>Bioelectrochemistry</i> , 2009, 74, 278-288.	4.6	13
117	Electrochemical and AFM evaluation of hazard compoundsâ€™DNA interaction. <i>Electrochimica Acta</i> , 2009, 54, 1978-1985.	5.2	37
118	Hydroxyl radicals electrochemically generated in situ on a boron-doped diamond electrode. <i>Electrochemistry Communications</i> , 2009, 11, 1342-1345.	4.7	155
119	In situ electrochemical and AFM study of thalidomideâ€™DNA interaction. <i>Bioelectrochemistry</i> , 2009, 76, 201-207.	4.6	54
120	Lipoic acidâ€™palladium complex interaction with DNA, voltammetric and AFM characterization. <i>Talanta</i> , 2009, 77, 1843-1853.	5.5	20
121	Electrochemical Behavior of Thalidomide at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2008, 20, 2429-2434.	2.9	15
122	Electrochemical Oxidation of Metolazone at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2008, 20, 2531-2536.	2.9	13
123	AFM nanometer surface morphological study of in situ electropolymerized neutral red redox mediator oxysilane solâ€™gel encapsulated glucose oxidase electrochemical biosensors. <i>Biosensors and Bioelectronics</i> , 2008, 24, 297-305.	10.1	28
124	Ultrasound extracted flavonoids from four varieties of Portuguese red grape skins determined by reverse-phase high-performance liquid chromatography with electrochemical detection. <i>Analytica Chimica Acta</i> , 2008, 630, 107-115.	5.4	119
125	In situ evaluation of heavy metalâ€™DNA interactions using an electrochemical DNA biosensor. <i>Bioelectrochemistry</i> , 2008, 72, 53-58.	4.6	84
126	Poly(glutamic acid) nanofibre modified glassy carbon electrode: Characterization by atomic force microscopy, voltammetry and electrochemical impedance. <i>Electrochimica Acta</i> , 2008, 53, 3991-4000.	5.2	53

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127	Metallo-functionalized first-generation salicylaldimine poly(propylenimine) tetraamine dendrimers: Electrochemical study and atomic force microscopy imaging. <i>Electrochimica Acta</i> , 2008, 53, 4907-4919.	5.2	16
128	Anthocyanin Monitoring in Four Red Grape Skin Extract Varieties Using RPâ€HPLCâ€ED. <i>Analytical Letters</i> , 2008, 41, 662-675.	1.8	13
129	Procedure 28 Atomic force microscopy characterization of a DNA electrochemical biosensor. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, e203-e205.	1.3	1
130	Procedure 29 Electrochemical sensing of DNA damage by ROS and RNS produced by redox activation of quercetin, adriamycin and nitric oxide. <i>Comprehensive Analytical Chemistry</i> , 2007, 49, e207-e211.	1.3	0
131	Electrochemical Oxidation at a Glassy Carbon Electrode of the Antiâ€Arrhythmia Drug Disopyramide. <i>Analytical Letters</i> , 2007, 40, 2860-2871.	1.8	16
132	Anodic Oxidation of Î±â€Lipoic Acid at a Glassy Carbon Electrode and Its Determination in Dietary Supplements. <i>Analytical Letters</i> , 2007, 40, 1763-1778.	1.8	34
133	Chapter 20 DNA-electrochemical biosensors for investigating DNA damage. <i>Comprehensive Analytical Chemistry</i> , 2007, , 413-437.	1.3	31
134	Electroanalytical Oxidation of <i>p</i> -Coumaric Acid. <i>Analytical Letters</i> , 2007, 40, 3309-3321.	1.8	35
135	Redox Behavior of Anthocyanins Present in <i>Vitis vinifera</i> L. <i>Electroanalysis</i> , 2007, 19, 1779-1786.	2.9	65
136	Electrochemical behaviour of 2,8-dihydroxyadenine at a glassy carbon electrode. <i>Bioelectrochemistry</i> , 2007, 70, 141-146.	4.6	36
137	Electrochemical oxidation of ochratoxin A at a glassy carbon electrode and in situ evaluation of the interaction with deoxyribonucleic acid using an electrochemical deoxyribonucleic acid-biosensor. <i>Analytica Chimica Acta</i> , 2007, 588, 283-291.	5.4	54
138	Spectroscopic and electrochemical studies of cocaineâ€opioid interactions. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 1799-1808.	3.7	34
139	Palladium nanoparticles and nanowires deposited electrochemically: AFM and electrochemical characterization. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 887-898.	2.5	68
140	Reversedâ€Phase Highâ€Performance Liquid Chromatography with Electrochemical Detection of Anthocyanins. <i>Analytical Letters</i> , 2006, 39, 2687-2697.	1.8	10
141	Atomic Force Microscopy and Anodic Voltammetry Characterization of a 49-Mer Diels-Alderase Ribozyme. <i>Analytical Chemistry</i> , 2006, 78, 8256-8264.	6.5	11
142	Adsorption of synthetic homo- and hetero-oligodeoxynucleotides onto highly oriented pyrolytic graphite: Atomic force microscopy characterization. <i>Biophysical Chemistry</i> , 2006, 121, 131-141.	2.8	43
143	Voltammetric determination of Î³ radiation-induced DNA damage. <i>Analytical Biochemistry</i> , 2006, 355, 39-49.	2.4	27
144	Electrochemical behaviour of isatin at a glassy carbon electrode. <i>Analytica Chimica Acta</i> , 2006, 575, 190-197.	5.4	47

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145	Electrochemical, EIS and AFM characterisation of biosensors: Trioxysilane sol-gel encapsulated glucose oxidase with two different redox mediators. <i>Electrochimica Acta</i> , 2006, 52, 1-8.	5.2	54
146	Electrochemistry of nanoscale DNA surface films on carbon. <i>Medical Engineering and Physics</i> , 2006, 28, 963-970.	1.7	25
147	Atomic force microscopy characterization of synthetic pyrimidinic oligodeoxynucleotides adsorbed onto an HOPG electrode under applied potential. <i>Electrochimica Acta</i> , 2006, 51, 5037-5045.	5.2	11
148	On the Electrochemical Oxidation of Resveratrol. <i>Electroanalysis</i> , 2006, 18, 757-762.	2.9	65
149	Voltammetric Behavior of Antileukemia Drug Glivec. Part I – Electrochemical Study of Glivec. <i>Electroanalysis</i> , 2006, 18, 1800-1807.	2.9	23
150	Voltammetric Behavior of Antileukemia Drug Glivec. Part II – Redox Processes of Glivec Electrochemical Metabolite. <i>Electroanalysis</i> , 2006, 18, 1808-1814.	2.9	20
151	Voltammetric Behavior of Antileukemia Drug Glivec. Part III: In Situ DNA Oxidative Damage by the Glivec Electrochemical Metabolite. <i>Electroanalysis</i> , 2006, 18, 1963-1970.	2.9	38
152	DNA imaged on a HOPG electrode surface by AFM with controlled potential. <i>Bioelectrochemistry</i> , 2005, 66, 117-124.	4.6	35
153	Synthetic oligonucleotides: AFM characterisation and electroanalytical studies. <i>Bioelectrochemistry</i> , 2005, 67, 181-190.	4.6	14
154	Electrochemical Oxidation of Rutin. <i>Electroanalysis</i> , 2005, 17, 313-318.	2.9	121
155	Solid State Electrochemical Oxidation Mechanisms Of Morin in Aqueous Media. <i>Electroanalysis</i> , 2005, 17, 733-738.	2.9	77
156	Chrysin and (±)-Taxifolin Electrochemical Oxidation Mechanisms. <i>Electroanalysis</i> , 2005, 17, 1059-1064.	2.9	59
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