

MarÃ-ia O F Goulart

List of Publications by Year in descending order

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198
papers

6,474
citations

57631

44
h-index

82410

72
g-index

203
all docs

203
docs citations

203
times ranked

8948
citing authors

#	ARTICLE	IF	CITATIONS
1	Gestational Diabetes Mellitus: The Crosslink among Inflammation, Nitroxidative Stress, Intestinal Microbiota and Alternative Therapies. <i>Antioxidants</i> , 2022, 11, 129.	2.2	31
2	Antidiabetic, Antiglycation, and Antioxidant Activities of Ethanolic Seed Extract of <i>Passiflora edulis</i> and Piceatannol In Vitro. <i>Molecules</i> , 2022, 27, 4064.	1.7	6
3	Photoluminescent nanoprobe based on thiols capped CdTe quantum dots for direct determination of thimerosal in vaccines. <i>Talanta</i> , 2021, 221, 121545.	2.9	11
4	A new electrochemical sensor based on oxidized capsaicin/multi-walled carbon nanotubes/glassy carbon electrode for the quantification of dopamine, epinephrine, and xanthurenic, ascorbic and uric acids. <i>Journal of Electroanalytical Chemistry</i> , 2021, 881, 114919.	1.9	27
5	Electrochemical evidence of nitrate release from the nitrooxy compound 4-((nitrooxy)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58 Biomedicine and Pharmacotherapy, 2021, 133, 110913.	2.5	3
6	Photoprotective and antiglycation activities of non-toxic <i>Cocos nucifera</i> Linn. (Arecaceae) husk fiber ethanol extract and its phenol chemical composition. <i>Industrial Crops and Products</i> , 2021, 162, 113246.	2.5	12
7	N-Acetylcysteine (NAC): Impacts on Human Health. <i>Antioxidants</i> , 2021, 10, 967.	2.2	135
8	The scavenging effect of curcumin, piperine and their combination against physiological relevant reactive pro-oxidant species using in vitro non-cellular and cellular models. <i>Chemical Papers</i> , 2021, 75, 5269-5277.	1.0	7
9	Monocyclic Nitro-heteroaryl Nitrones with Dual Mechanism of Activation: Synthesis and Antileishmanial Activity. <i>ACS Medicinal Chemistry Letters</i> , 2021, 12, 1405-1412.	1.3	9
10	Decorating BODIPY with Electron-Withdrawing NO Group: Spectroelectrochemical Consequences and Computational Investigation. <i>ChemElectroChem</i> , 2021, 8, 2921-2934.	1.7	0
11	Development of magnetic nanoparticles modified with new molecularly imprinted polymer (MIPs) for selective analysis of glutathione. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130171.	4.0	16
12	Unveiling the relevance of the redox character of nitroaromatic and nitroheteroaromatic compounds as potential medicines. <i>Current Opinion in Electrochemistry</i> , 2021, 29, 100740.	2.5	9
13	Lack of Concordance among Nutritional Diagnostic Methods in Newly Diagnosed Colorectal Cancer Patients. <i>Nutrition and Cancer</i> , 2021, , 1-8.	0.9	0
14	Biomarkers of Inflammation and Redox Imbalance in Umbilical Cord in Pregnancies with and without Preeclampsia and Consequent Perinatal Outcomes. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	8
15	Nitrosation of BODIPY dyes and their applications in the development of thiol sensors. <i>Dyes and Pigments</i> , 2020, 173, 107885.	2.0	4
16	Hyperferritinemia worsens the perinatal outcomes of conceptions of pregnancies with preeclampsia. <i>Pregnancy Hypertension</i> , 2020, 19, 233-238.	0.6	7
17	Photoelectrochemical biosensor for 1,4-dihydroxybenzene based on copper sulfide and horseradish peroxidase enzyme: Application in skin cream samples. <i>Microchemical Journal</i> , 2020, 159, 105487.	2.3	2
18	Synthesis of quinone imine and sulphur-containing compounds with antitumor and trypanocidal activities: redox and biological implications. <i>RSC Medicinal Chemistry</i> , 2020, 11, 1145-1160.	1.7	19

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19	Pre-eclampsia is associated with later kidney chronic disease and end-stage renal disease: Systematic review and meta-analysis of observational studies. <i>Pregnancy Hypertension</i> , 2020, 22, 71-85.	0.6	6
20	Oxidative stress markers in preeclamptic placentas: A systematic review with meta-analysis. <i>Placenta</i> , 2020, 99, 89-100.	0.7	15
21	New Insights for Red Propolis of Alagoasâ€™ Chemical Constituents, Topical Membrane Formulations and Their Physicochemical and Biological Properties. <i>Molecules</i> , 2020, 25, 5811.	1.7	7
22	Biomarkers of placental redox imbalance in pregnancies with preeclampsia and consequent perinatal outcomes. <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108464.	1.4	7
23	Toxicity of thimerosal in biological systems: Conformational changes in human hemoglobin, decrease of oxygen binding capacity, increase of protein glycation and amyloid's formation. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 661-671.	3.6	21
24	Lipoic acid as an efficient and versatile redox catalyst for the electroanalysis of N-acetylcysteine: effects of the electrode nature and insights into the catalytic mechanism. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 1835-1843.	1.2	0
25	Quinone-based molecular electrochemistry and their contributions to medicinal chemistry: A look at the present and future. <i>Current Opinion in Electrochemistry</i> , 2020, 24, 79-87.	2.5	21
26	Schinus terebenthifolius Raddi extracts: From sunscreen activity toward protection of the placenta to Zika virus infection, new uses for a well-known medicinal plant. <i>Industrial Crops and Products</i> , 2020, 152, 112503.	2.5	14
27	The Close Interplay of Nitro-Oxidative Stress, Advanced Glycation end Products and Inflammation in Inflammatory Bowel Diseases. <i>Current Medicinal Chemistry</i> , 2020, 27, 2059-2076.	1.2	27
28	Naphthoquinone-based hydrazone hybrids: synthesis and potent activity against cancer cell lines. <i>Medicinal Chemistry</i> , 2020, 16, 945-955.	0.7	6
29	Cross-Talk between Oxidative Stress and Inflammation in Preeclampsia. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-26.	1.9	130
30	Oxidative Stress in Rheumatoid Arthritis: What the Future Might Hold regarding Novel Biomarkers and Add-On Therapies. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	118
31	Relationship between Electrochemical Parameters, Cytotoxicity Data against Cancer Cells of 3-Thio-Substituted Nor-Beta-Lapachone Derivatives. Implications for Cancer Therapy. <i>Journal of the Brazilian Chemical Society</i> , 2019, 30, .	0.6	9
32	Photoelectrochemical platform for sensing propyl gallate in edible oil samples based on CdTe quantum dots and poly(D-glucosamine). <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 725-734.	1.2	9
33	Mitochondrial dysfunction and ROS production are essential for anti-Trypanosoma cruzi activity of Î²-lapachone-derived naphthoimidazoles. <i>Free Radical Biology and Medicine</i> , 2019, 130, 408-418.	1.3	32
34	Biomarkers of oxidative/nitrosative/carbonyl stress: how important are they and where to go in their analyses?. <i>Brazilian Journal of Analytical Chemistry</i> , 2019, 6, .	0.3	0
35	Amperometric Photosensor Based on Acridine Orange/TiO2 for Chlorogenic Acid Determination in Food Samples. <i>Food Analytical Methods</i> , 2018, 11, 2731-2741.	1.3	8
36	Direct sequential Câ€“H iodination/organoyl-thiolation for the benzenoid A-ring modification of quinonoid deactivated systems: a new protocol for potent trypanocidal quinones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 1686-1691.	1.5	34

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37	Electrochemical and associated techniques for the study of the inclusion complexes of thymol and β -cyclodextrin and its interaction with DNA. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1483-1493.	1.2	5
38	Impact of edible coatings based on cassava starch and chitosan on the post-harvest shelf life of mango (<i>Mangifera indica</i>) "Tommy Atkins"™ fruits. <i>Food Science and Technology</i> , 2018, 38, 86-95.	0.8	14
39	Phenol based redox mediators in electroanalysis. <i>Journal of Electroanalytical Chemistry</i> , 2018, 827, 230-252.	1.9	18
40	Oral antioxidant therapy for prevention and treatment of preeclampsia: Meta-analysis of randomized controlled trials. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 865-876.	1.1	61
41	Electropolymerization of ferulic acid on multi-walled carbon nanotubes modified glassy carbon electrode as a versatile platform for NADH, dopamine and epinephrine separate detection. <i>Microchemical Journal</i> , 2017, 133, 460-467.	2.3	65
42	Rhodium-catalyzed C-H bond activation for the synthesis of quinonoid compounds: Significant Anti-Trypanosoma cruzi activities and electrochemical studies of functionalized quinones. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 406-419.	2.6	46
43	Polyphenol profile by UHPLC-MS/MS, anti-glycation, antioxidant and cytotoxic activities of several samples of propolis from the northeastern semi-arid region of Brazil. <i>Pharmaceutical Biology</i> , 2017, 55, 1884-1893.	1.3	27
44	Inflammatory Bowel Diseases. , 2017, , 99-112.		2
45	Improved NADH Electroanalysis on Nickel(II) Phthalocyanine Tetrasulfonic Acid/ Calf Thymus Deoxyribonucleic Acid/Reduced Graphene Oxide Composite. <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	4
46	DETERMINATION OF ADVANCED GLYCATION (AGEs) AND LIPOXIDATION (ALEs) END PRODUCTS IN FOODS AND BIOLOGICAL SYSTEMS: ADVANCES, CHALLENGES AND PERSPECTIVES. <i>Quimica Nova</i> , 2016, , .	0.3	2
47	Colonic and Hepatic Modulation by Lipoic Acid and/or N-Acetylcysteine Supplementation in Mild Ulcerative Colitis Induced by Dextran Sodium Sulfate in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-18.	1.9	15
48	Application of a nanostructured platform and imprinted sol-gel film for determination of chlorogenic acid in food samples. <i>Talanta</i> , 2016, 156-157, 119-125.	2.9	29
49	Novel fluorescent lapachone-based BODIPY: synthesis, computational and electrochemical aspects, and subcellular localisation of a potent antitumour hybrid quinone. <i>Chemical Communications</i> , 2016, 52, 13281-13284.	2.2	24
50	Sensitive Electroanalytical Detection on GCE: the Case of Lipoic Acid and its Interaction with N-acetylcysteine and Glutathione. <i>Electroanalysis</i> , 2016, 28, 2818-2826.	1.5	5
51	Reactive Oxygen Species Release, Alkylating Ability, and DNA Interactions of a Pterocarpanquinone: A Test Case for Electrochemistry. <i>ChemElectroChem</i> , 2016, 3, 2252-2263.	1.7	6
52	Electrochemical, spectroscopic and pharmacological approaches toward the understanding of biflorin DNA damage effects. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 168-178.	1.9	12
53	Amperometric sensor based on carbon nanotubes and electropolymerized vanillic acid for simultaneous determination of ascorbic acid, dopamine, and uric acid. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2389-2393.	1.2	31
54	Antioxidant Capacity, Physicochemical and Floral Characterization of Honeys from the Northeast of Brazil. <i>Revista Virtual De Quimica</i> , 2016, 8, .	0.1	14

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55	XV Workshop Coordinators Postgraduate Studies in Chemistry. <i>Revista Virtual De Quimica</i> , 2016, 8, 1790-1791.	0.1	0
56	Meta-analysis of studies on chemical, physical and biological agents in the control of <i>Aedes aegypti</i> . <i>BMC Public Health</i> , 2015, 15, 858.	1.2	37
57	Oxidative Stress and Inflammation in Hepatic Diseases: Therapeutic Possibilities of N-Acetylcysteine. <i>International Journal of Molecular Sciences</i> , 2015, 16, 30269-30308.	1.8	171
58	Antiplasmodial activity of iron(II) and ruthenium(II) organometallic complexes against <i>Plasmodium falciparum</i> blood parasites. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 981-988.	0.8	12
59	Oncocalyxone A Functions As an Anti-Glycation Agent In Vitro. <i>PLoS ONE</i> , 2015, 10, e0131222.	1.1	10
60	Choline and Cystine Deficient Diets in Animal Models with Hepatocellular Injury: Evaluation of Oxidative Stress and Expression of RAGE, TNF- α , and IL-1 β . <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	21
61	Arginase as a Critical Prooxidant Mediator in the Binomial Endothelial Dysfunction-Atherosclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-12.	1.9	29
62	Electrochemical detection of dengue virus NS1 protein with a poly(allylamine)/carbon nanotube layered immunoelectrode. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 194-200.	1.6	70
63	Selective endocytic trafficking in live cells with fluorescent naphthoxazoles and their boron complexes. <i>Chemical Communications</i> , 2015, 51, 9141-9144.	2.2	24
64	Electrocatalytic activity of activated niclosamide on multi-walled carbon nanotubes glassy carbon electrode toward NADH oxidation. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 2819-2829.	1.2	5
65	Antioxidant therapy for treatment of inflammatory bowel disease: Does it work?. <i>Redox Biology</i> , 2015, 6, 617-639.	3.9	280
66	On the investigation of hybrid quinones: synthesis, electrochemical studies and evaluation of trypanocidal activity. <i>RSC Advances</i> , 2015, 5, 78047-78060.	1.7	43
67	Evaluation of naphthoquinones identified the acetylated isolapachol as a potent and selective antiplasmodium agent. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 615-621.	2.5	21
68	Electrochemically Driven Supramolecular Interaction of Quinones and Ferrocifens: An Example of Redox Activation of Bioactive Compounds. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 136-162.	1.0	26
69	Lipoic Acid: Its Antioxidant and Anti-Inflammatory Role and Clinical Applications. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 458-483.	1.0	135
70	Evaluation of the role of ATP-binding cassette transporters as a defence mechanism against temephos in populations of <i>Aedes aegypti</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 961-963.	0.8	10
71	1,2,3-Triazole-, arylamino- and thio-substituted 1,4-naphthoquinones: Potent antitumor activity, electrochemical aspects, and bioisosteric replacement of C-ring-modified lapachones. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1608-1619.	1.4	67
72	Thermodynamic Parameters of the Interactions between Lapachol and Isolapachol Sodium Salts and Chitosan Flakes. <i>Journal of Chemical & Engineering Data</i> , 2014, 59, 1181-1192.	1.0	1

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73	Molecular Mechanism of Action of 2-ferrocenyl-1,1-diphenylbut-1-ene on HL-60 Leukemia Cells. <i>ChemMedChem</i> , 2014, 9, 2580-2586.	1.6	14
74	A thiophene-modified screen printed electrode for detection of dengue virus NS1 protein. <i>Talanta</i> , 2014, 128, 505-510.	2.9	49
75	Nature of Electrogenerated Intermediates in Nitro-Substituted Nor- β -lapachones: The Structure of Radical Species during Successive Electron Transfer in Multiredox Centers. <i>Journal of Organic Chemistry</i> , 2014, 79, 5201-5208.	1.7	22
76	Conjugated and fluorescent polymer based on dansyl-substituted pyrrole prepared by electrochemical polymerization in acetonitrile containing boron trifluoride diethyl etherate. <i>Electrochimica Acta</i> , 2014, 122, 50-56.	2.6	18
77	Electrochemical and computational studies, in protic medium, of Morita-Baylis-Hillman adducts and correlation with leishmanicidal activity. <i>Electrochimica Acta</i> , 2014, 140, 557-563.	2.6	8
78	A very low potential electrochemical detection of l-cysteine based on a glassy carbon electrode modified with multi-walled carbon nanotubes/gold nanorods. <i>Biosensors and Bioelectronics</i> , 2013, 50, 202-209.	5.3	86
79	Synthesis and anti- <i>Trypanosoma cruzi</i> activity of naphthoquinone-containing triazoles: Electrochemical studies on the effects of the quinoidal moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6337-6348.	1.4	49
80	Arylated β - and γ -dihydrofuran naphthoquinones: Electrochemical parameters, evaluation of antitumor activity and their correlation. <i>Electrochimica Acta</i> , 2013, 110, 634-640.	2.6	16
81	Antioxidant activity of the mangiferin inclusion complex with β -cyclodextrin. <i>LWT - Food Science and Technology</i> , 2013, 51, 129-134.	2.5	53
82	Development of Nonalcoholic Hepatopathy: Contributions of Oxidative Stress and Advanced Glycation End Products. <i>International Journal of Molecular Sciences</i> , 2013, 14, 19846-19866.	1.8	57
83	Oxidative Stress as an Underlying Contributor in the Development of Chronic Complications in Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3265-3284.	1.8	152
84	<i>Cocos nucifera</i> Linn. (Palmae) Husk Fiber Ethanolic Extract: Antioxidant Capacity and Electrochemical Investigation. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 121-129.	0.6	3
85	Biosensors for Antioxidant Evaluation in Biological Systems. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 109-120.	0.6	1
86	Editorial (Hot Topic: Electrochemistry and Antioxidants). <i>Combinatorial Chemistry and High Throughput Screening</i> , 2013, 16, 83-83.	0.6	0
87	Antioxidant, anti-acetylcholinesterase and cytotoxic activities of ethanol extracts of peel, pulp and seeds of exotic Brazilian fruits. <i>Food Research International</i> , 2012, 49, 334-344.	2.9	83
88	Growth inhibitory effects of 3-nitro-3-phenylamino nor-beta-lapachone against HL-60: A redox-dependent mechanism. <i>Toxicology in Vitro</i> , 2012, 26, 585-594.	1.1	33
89	Correlation between electrochemical and theoretical studies on the leishmanicidal activity of twelve Morita-Baylis-Hillman adducts. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 894-904.	0.6	14
90	Characterization of Blood Oxidative Stress in Type 2 Diabetes Mellitus Patients: Increase in Lipid Peroxidation and SOD Activity. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-13.	1.9	103

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91	Oncocalyxone A: electrochemical, spectroscopic investigation and studies of its interaction with DNA, nucleobases and N-acetylcysteine. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1174-1185.	0.6	11
92	Investiga��o eletroqu�mica e calorim�trica da intera��o de novos agentes antitumorais biscati�nicos com DNA. <i>Quimica Nova</i> , 2012, 35, 1318-1324.	0.3	1
93	Concentration-dependent diffusion coefficients of tert-butylferrocene within dodecyltrimethylammonium chloride/brine liquid crystals. <i>Electrochemistry Communications</i> , 2012, 17, 41-44.	2.3	4
94	Synthesis and cytotoxic activity of new acridine-thiazolidine derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3533-3539.	1.4	63
95	Poly-xanthurenic acid modified electrodes: An amperometric sensor for the simultaneous determination of ascorbic and uric acids. <i>Sensors and Actuators B: Chemical</i> , 2012, 168, 289-296.	4.0	27
96	Preclinical Genotoxicology of Nor-�-lapachone in Human Cultured Lymphocytes and Chinese Hamster Lung Fibroblasts. <i>Chemical Research in Toxicology</i> , 2011, 24, 1560-1574.	1.7	35
97	Diferentes estrat�gias para a reticula��o de quitosana. <i>Quimica Nova</i> , 2011, 34, 1215-1223.	0.3	36
98	Insecticide resistance in <i>Aedes aegypti</i> populations from Cear�, Brazil. <i>Parasites and Vectors</i> , 2011, 4, 5.	1.0	159
99	Biological evaluation of twenty-eight ferrocenyl tetrasubstituted olefins: Cancer cell growth inhibition, ROS production and hemolytic activity. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3778-3787.	2.6	38
100	Synthesis and evaluation of quinonoid compounds against tumor cell lines. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 399-410.	2.6	74
101	Synthesis and characterisation of a new polycyclic phenazine from 1,4-naphthoquinone. <i>Tetrahedron Letters</i> , 2011, 52, 2415-2418.	0.7	4
102	Phenolic Constituents, Furfuraldehyde and Antioxidant Capacity of Sugar Cane Spirit Aged in Woods Casks. <i>American Journal of Food Technology</i> , 2011, 6, 631-646.	0.2	9
103	43� Congresso Mundial de Qu�mica (IUPAC 2011): fatos e reflex�es. <i>Quimica Nova</i> , 2011, 34, 1301-1302.	0.3	1
104	Markers of redox imbalance in the blood of hypertensive patients of a community in Northeastern Brazil. <i>Arquivos Brasileiros De Cardiologia</i> , 2011, 97, 141-7.	0.3	5
105	Antiparasitic and immunomodulatory activities of 1,1-bis(4-hydroxyphenyl)-2-phenylbutane and its protected and free ferrocenyl derivatives. <i>Drug Development Research</i> , 2010, 71, 69-75.	1.4	6
106	Revisiting the electrochemical formation, stability and structure of radical and biradical anionic structures in dinitrobenzenes. <i>Electrochimica Acta</i> , 2010, 55, 8325-8335.	2.6	12
107	Cytotoxic activity of naphthoquinones with special emphasis on juglone and its 5-O-methyl derivative. <i>Chemico-Biological Interactions</i> , 2010, 184, 439-448.	1.7	66
108	Electroanalytical studies of sulfentrazone in protic medium, its degradation by the electro-Fenton process, and toxicity assessment using ss-DNA. <i>Chemosphere</i> , 2010, 81, 884-889.	4.2	8

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109	Electrochemical investigations into host-guest interactions of a natural antioxidant compound with β -cyclodextrin. <i>Electrochimica Acta</i> , 2010, 56, 797-803.	2.6	24
110	The evaluation of quinonoid compounds against <i>Trypanosoma cruzi</i> : Synthesis of imidazolic anthraquinones, nor- β -lapachone derivatives and β -lapachone-based 1,2,3-triazoles. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3224-3230.	1.4	67
111	Poly-xanthurenic acid as an efficient mediator for the electrocatalytic oxidation of NADH. <i>Electrochemistry Communications</i> , 2010, 12, 450-454.	2.3	41
112	Electrochemical study, on mercury, of a Meta-nitroarylamine derivative of nor- β -lapachone, an antitumor and trypanocidal compound. <i>Quimica Nova</i> , 2010, 33, 2075-2079.	0.3	6
113	3-Arylamino and 3-Alkoxy-nor- β -lapachone Derivatives: Synthesis and Cytotoxicity against Cancer Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 504-508.	2.9	75
114	Electrochemical behavior of metribuzin on a glassy carbon electrode in an aqueous medium including quantitative studies by anodic stripping voltammetry. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 1698-1704.	0.6	10
115	Cytotoxic, trypanocidal activities and physicochemical parameters of nor- β -lapachone-based 1,2,3-triazoles. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 635-643.	0.6	73
116	Fontes vegetais naturais de antioxidantes. <i>Quimica Nova</i> , 2009, 32, 689-702.	0.3	74
117	Ex vivo Activities of β -Lapachone and β -Lapachone on Macrophages: A Quantitative Pharmacological Analysis Based on Amperometric Monitoring of Oxidative Bursts by Single Cells. <i>ChemBioChem</i> , 2009, 10, 528-538.	1.3	26
118	Modified Carbon Paste Electrode for Kinetic Investigation and Simultaneous Determination of Ascorbic and Uric Acids. <i>Electroanalysis</i> , 2009, 21, 2311-2320.	1.5	9
119	A macrolactone from benzo[a]phenazine with potent activity against <i>Mycobacterium tuberculosis</i> . <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2334-2337.	2.6	22
120	Total phenolic content and free radical scavenging activities of methanolic extract powders of tropical fruit residues. <i>Food Chemistry</i> , 2009, 115, 469-475.	4.2	208
121	Activities of naphthoquinones against <i>Aedes aegypti</i> (Linnaeus, 1762) (Diptera: Culicidae), vector of dengue and <i>Biomphalaria glabrata</i> (Say, 1818), intermediate host of <i>Schistosoma mansoni</i> . <i>Acta Tropica</i> , 2009, 111, 44-50.	0.9	60
122	An amperometric sensor based on electrochemically triggered reaction: Redox-active Ar-NO/Ar-NHOH from 4-nitrophthalonitrile-modified electrode for the low voltage cysteine detection. <i>Journal of Electroanalytical Chemistry</i> , 2008, 612, 87-96.	1.9	59
123	Electrocatalytic activity of 4-nitrophthalonitrile-modified electrode for the l-glutathione detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 758-764.	1.4	28
124	Electrochemical investigations of the reaction mechanism and kinetics between NADH and redox-active (NC)2C6H3-NHOH/(NC)2C6H3-NO from 4-nitrophthalonitrile-NO ₂ -modified electrode. <i>Biosensors and Bioelectronics</i> , 2008, 24, 448-454.	5.3	25
125	Alternating Layers of Iron(III) Tetra(methylpyridyl)porphyrin and Copper Tetrasulfonated Phthalocyanine for Amperometric Detection of 4-Nitrophenol in Nanomolar Levels. <i>Electroanalysis</i> , 2008, 20, 2333-2339.	1.5	12
126	An amperometric sensor based on hemin adsorbed on silica gel modified with titanium oxide for electrocatalytic reduction and quantification of artemisinin. <i>Talanta</i> , 2008, 77, 909-914.	2.9	21

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127	Inner reorganization during the radical \leftrightarrow biradical transition in a nor- β -lapachone derivative possessing two redox centers. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3414.	1.5	16
128	Electrochemical parameters and techniques in drug development, with an emphasis on quinones and related compounds. <i>Chemical Communications</i> , 2008, , 2612.	2.2	181
129	3-(2,4-Dibromoanilino)-2,2-dimethyl-2,3-dihydronaphtho[1,2- <i>b</i>]furan-4,5-dione: a new substituted arylamino nor- β -lapachone derivative. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o2348-o2348.	0.2	5
130	Adsorption studies of trifluralin on chitosan and its voltammetric determination on a modified chitosan glassy carbon electrode. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 704-710.	0.6	11
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