

Fãtima Bento

List of Publications by Year in descending order

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24
papers

672
citations

758635

12
h-index

610482

24
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24
all docs

24
docs citations

24
times ranked

914
citing authors

#	ARTICLE	IF	CITATIONS
1	Simplified 2,4-dinitrophenylhydrazine spectrophotometric assay for quantification of carbonyls in oxidized proteins. <i>Analytical Biochemistry</i> , 2014, 458, 69-71.	1.1	289
2	Evaluation of total polyphenol content of wines by means of voltammetric techniques: Cyclic voltammetry vs differential pulse voltammetry. <i>Food Chemistry</i> , 2019, 276, 719-725.	4.2	50
3	Studies of electrode reactions in low ionic strength media using microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 1993, 345, 273-286.	1.9	36
4	Direct Electroanalytical Method for Alternative Assessment of Global Antioxidant Capacity Using Microchannel Electrodes. <i>Analytical Chemistry</i> , 2013, 85, 9057-9063.	3.2	32
5	Oxidation Management of White Wines Using Cyclic Voltammetry and Multivariate Process Monitoring. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 12092-12098.	2.4	30
6	Resistance to Oxidation of White Wines Assessed by Voltammetric Means. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10557-10562.	2.4	28
7	Enhanced electrochemical sensing of polyphenols by an oxygen-mediated surface. <i>RSC Advances</i> , 2015, 5, 5024-5031.	1.7	28
8	Steady state voltammetry at low electrolyte/reactant concentration ratios: what it means and what it does not mean. <i>Journal of Electroanalytical Chemistry</i> , 1999, 463, 45-52.	1.9	24
9	Electrosorption of sorbitol at platinum electrodes: Effect of the superficial structure. <i>Journal of Electroanalytical Chemistry</i> , 1993, 356, 255-267.	1.9	22
10	Structural effects in the electro-oxidation of D-sorbitol on Pt electrodes in acidic medium. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 285, 125-131.	0.3	18
11	Voltammetric analysis of weak acids with microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 2004, 570, 63-67.	1.9	18
12	Aromatic hydroxylation reactions by electrogenerated HO radicals: A kinetic study. <i>Journal of Electroanalytical Chemistry</i> , 2012, 682, 7-13.	1.9	14
13	Factors that affect physicochemical and acid-base properties of compost and vermicompost and its potential use as a soil amendment. <i>Journal of Environmental Management</i> , 2021, 300, 113702.	3.8	13
14	Simultaneous evaluation of the dissociated and undissociated acid concentrations by square wave voltammetry using microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 2010, 647, 144-149.	1.9	11
15	Reducing Antioxidant Capacity Evaluated by Means of Controlled Potential Electrolysis. <i>Electroanalysis</i> , 2011, 23, 692-700.	1.5	8
16	Reactivity of hydroxy-containing aromatic compounds towards electrogenerated hydroxyl radicals. <i>Electrochimica Acta</i> , 2013, 105, 371-377.	2.6	8
17	Probing the surface of oxidized carbon nanotubes by selective interaction with target molecules. <i>Electrochemistry Communications</i> , 2015, 57, 22-26.	2.3	8
18	Role of Carbonaceous Fragments on the Functionalization and Electrochemistry of Carbon Materials. <i>ChemElectroChem</i> , 2016, 3, 2138-2145.	1.7	7

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19	Effect of the medium composition on the current of steady state voltammograms of neutral and charged species in dimethylformamide/toluene mixtures. <i>Analytica Chimica Acta</i> , 1999, 385, 365-371.	2.6	6
20	Radical scavenging activity of antioxidants evaluated by means of electrogenerated HO radical. <i>Talanta</i> , 2014, 129, 320-327.	2.9	6
21	Electrogenerated HO radical reactions: the role of competing reactions on the degradation kinetics of hydroxy-containing aromatic compounds. <i>Electrochimica Acta</i> , 2014, 135, 19-26.	2.6	5
22	Assessment of <i>Candida utilis</i> growth by voltammetric reduction of acids using microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 2004, 566, 139-145.	1.9	4
23	Evaluation of Polyphenols in Wine by Voltammetric Techniques with Screen Printed Carbon Electrodes. <i>Electroanalysis</i> , 2020, 32, 159-165.	1.5	4
24	Evaluation of the Lactic Acid Consumption in Yeast Cultures by Voltammetric Means. <i>Electroanalysis</i> , 2005, 17, 483-488.	1.5	3