FÃ¡tima Bento

List of Publications by Year in descending order

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24 papers	672 citations	759055 12 h-index	610775 24 g-index
24 all docs	24 docs citations	24 times ranked	914 citing authors

#	Article	IF	Citations
1	Factors that affect physicochemical and acid-base properties of compost and vermicompost and its potential use as a soil amendment. Journal of Environmental Management, 2021, 300, 113702.	3.8	13
2	Evaluation of Polyphenols in Wine by Voltammetric Techniques with Screen Printed Carbon Electrodes. Electroanalysis, 2020, 32, 159-165.	1.5	4
3	Evaluation of total polyphenol content of wines by means of voltammetric techniques: Cyclic voltammetry vs differential pulse voltammetry. Food Chemistry, 2019, 276, 719-725.	4.2	50
4	Role of Carbonaceous Fragments on the Functionalization and Electrochemistry of Carbon Materials. ChemElectroChem, 2016, 3, 2138-2145.	1.7	7
5	Probing the surface of oxidized carbon nanotubes by selective interaction with target molecules. Electrochemistry Communications, 2015, 57, 22-26.	2.3	8
6	Enhanced electrochemical sensing of polyphenols by an oxygen-mediated surface. RSC Advances, 2015, 5, 5024-5031.	1.7	28
7	Simplified 2,4-dinitrophenylhydrazine spectrophotometric assay for quantification of carbonyls in oxidized proteins. Analytical Biochemistry, 2014, 458, 69-71.	1.1	289
8	Electrogenerated HO radical reactions: the role of competing reactions on the degradation kinetics of hydroxy-containing aromatic compounds. Electrochimica Acta, 2014, 135, 19-26.	2.6	5
9	Radical scavenging activity of antioxidants evaluated by means of electrogenerated HO radical. Talanta, 2014, 129, 320-327.	2.9	6
10	Direct Electroanalytical Method for Alternative Assessment of Global Antioxidant Capacity Using Microchannel Electrodes. Analytical Chemistry, 2013, 85, 9057-9063.	3.2	32
11	Reactivity of hydroxy-containing aromatic compounds towards electrogenerated hydroxyl radicals. Electrochimica Acta, 2013, 105, 371-377.	2.6	8
12	Aromatic hydroxylation reactions by electrogenerated HO radicals: A kinetic study. Journal of Electroanalytical Chemistry, 2012, 682, 7-13.	1.9	14
13	Reducing Antioxidant Capacity Evaluated by Means of Controlled Potential Electrolysis. Electroanalysis, 2011, 23, 692-700.	1.5	8
14	Simultaneous evaluation of the dissociated and undissociated acid concentrations by square wave voltammetry using microelectrodes. Journal of Electroanalytical Chemistry, 2010, 647, 144-149.	1.9	11
15	Oxidation Management of White Wines Using Cyclic Voltammetry and Multivariate Process Monitoring. Journal of Agricultural and Food Chemistry, 2008, 56, 12092-12098.	2.4	30
16	Resistance to Oxidation of White Wines Assessed by Voltammetric Means. Journal of Agricultural and Food Chemistry, 2007, 55, 10557-10562.	2.4	28
17	Evaluation of the Lactic Acid Consumption in Yeast Cultures by Voltammetric Means. Electroanalysis, 2005, 17, 483-488.	1.5	3
18	Assessment of Candida utilis growth by voltammetric reduction of acids using microelectrodes. Journal of Electroanalytical Chemistry, 2004, 566, 139-145.	1.9	4

#	ARTICLE	IF	CITATIONS
19	Voltammetric analysis of weak acids with microelectrodes. Journal of Electroanalytical Chemistry, 2004, 570, 63-67.	1.9	18
20	Steady state voltammetry at low electrolyte/reactant concentration ratios: what it means and what it does not mean. Journal of Electroanalytical Chemistry, 1999, 463, 45-52.	1.9	24
21	Effect of the medium composition on the current of steady state voltammograms of neutral and charged species in dimethylformamide/toluene mixtures. Analytica Chimica Acta, 1999, 385, 365-371.	2.6	6
22	Studies of electrode reactions in low ionic strength media using microelectrodes. Journal of Electroanalytical Chemistry, 1993, 345, 273-286.	1.9	36
23	Electrosorption of sorbitol at platinum electrodes: Effect of the superficial structure. Journal of Electroanalytical Chemistry, 1993, 356, 255-267.	1.9	22
24	Structural effects in the electro-oxidation of D-sorbitol on Pt electrodes in acidic medium. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 285, 125-131.	0.3	18