

Sema DEMÄ°RCÄ° ÆEKÄ°Ã

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

528
citations

687220

13
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

654
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of an o -aminobenzoic acid-functionalized XAD-4 copolymer resin for the separation and preconcentration of heavy metal(II) ions. <i>Analytica Chimica Acta</i> , 2004, 505, 15-24.	2.6	113
2	Comparative evaluation of antioxidant capacities of thiol-based antioxidants measured by different in vitro methods. <i>Talanta</i> , 2011, 83, 1650-1658.	2.9	55
3	Modified cupric reducing antioxidant capacity (CUPRAC) assay for measuring the antioxidant capacities of thiol-containing proteins in admixture with polyphenols. <i>Talanta</i> , 2009, 79, 344-351.	2.9	48
4	Protein Incorporated Serum Total Antioxidant Capacity Measurement by a Modified CUPRAC (CUPRIC) Tj ETQq0,0,0 rgBT /Overlock 1	1.0	46
5	Correlation of Total Antioxidant Capacity with Reactive Oxygen Species (ROS) Consumption Measured by Oxidative Conversion. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5260-5270.	2.4	35
6	Spectrophotometric total protein assay with copper(II) neocuproine reagent in alkaline medium. <i>Talanta</i> , 2006, 68, 1601-1609.	2.9	31
7	Spectrophotometric Determination of Paracetamol in Urine with Tetrahydroxycalix[4]arene as a Coupling Reagent and Preconcentration with Triton X-114 Using Cloud Point Extraction. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 891-896.	0.6	27
8	A colourimetric sensor for the simultaneous determination of oxidative status and antioxidant activity on the same membrane: N,N-Dimethyl-p-phenylene diamine (DMPD) on Nafion. <i>Analytica Chimica Acta</i> , 2015, 865, 60-70.	2.6	23
9	Simultaneous Spectrophotometric Determination of Paracetamol and p-Aminophenol in Pharmaceutical Products with Tiron Using Dissolved Oxygen as Oxidant. <i>Journal of Analytical Chemistry</i> , 2005, 60, 1019-1023.	0.4	22
10	Novel Spectroscopic and Electrochemical Sensors and Nanoprobes for the Characterization of Food and Biological Antioxidants. <i>Sensors</i> , 2018, 18, 186.	2.1	22
11	Selective Determination of Catechin among Phenolic Antioxidants with the Use of a Novel Optical Fiber Reflectance Sensor Based on Indophenol Dye Formation on Nano-sized TiO ₂ . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2769-2777.	2.4	21
12	Spectrophotometric Determination of Phenolic Antioxidants in the Presence of Thiols and Proteins. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1325.	1.8	19
13	Determination of total antioxidant capacity of milk by CUPRAC and ABTS methods with separate characterisation of milk protein fractions. <i>Journal of Dairy Research</i> , 2015, 82, 177-184.	0.7	18
14	Colorimetric sensors and nanoprobes for characterizing antioxidant and energetic substances. <i>Analytical Methods</i> , 2020, 12, 5266-5321.	1.3	16
15	A combined spectrophotometric-AAS method for the analysis of trace metal, EDTA, and metal-EDTA mixture solutions in adsorption modeling experiments. <i>Talanta</i> , 2000, 53, 213-222.	2.9	9
16	CUPRAC colorimetric and electroanalytical methods determining antioxidant activity based on prevention of oxidative DNA damage. <i>Analytical Biochemistry</i> , 2017, 518, 69-77.	1.1	9
17	Novel Colorimetric Assay of 2,3-Dihydroxybenzoate among Other Isomers as a Selective Indicator of Hydroxyl Radical Damage and Related Antioxidant Activity. <i>Analytical Letters</i> , 2018, 51, 236-253.	1.0	7
18	The assessment of total antioxidant capacity and superoxide dismutase levels, and the possible role of manganese superoxide dismutase polymorphism in acromegaly. <i>Endocrine Journal</i> , 2018, 65, 91-99.	0.7	7