

Sandra A V Eremia

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

545
citations

759055

12
h-index

642610

23
g-index

24
all docs

24
docs citations

24
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	Molybdenum disulphide and graphene quantum dots as electrode modifiers for laccase biosensor. <i>Biosensors and Bioelectronics</i> , 2016, 75, 232-237.	5.3	104
2	Disposable biosensor based on platinum nanoparticles-reduced graphene oxide-laccase biocomposite for the determination of total polyphenolic content. <i>Talanta</i> , 2013, 110, 164-170.	2.9	62
3	Optimization of hydroxyl radical formation using TiO ₂ as photocatalyst by response surface methodology. <i>Talanta</i> , 2008, 77, 858-862.	2.9	61
4	High-performance solid state supercapacitors assembling graphene interconnected networks in porous silicon electrode by electrochemical methods using 2,6-dihydroxynaphthalen. <i>Scientific Reports</i> , 2018, 8, 9654.	1.6	43
5	Disposable dual sensor array for simultaneous determination of chlorogenic acid and caffeine from coffee. <i>RSC Advances</i> , 2015, 5, 261-268.	1.7	39
6	Methods for the Determination of Antioxidant Capacity in Food and Raw Materials. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 241-249.	0.8	32
7	Laccase-Nafion Based Biosensor for the Determination of Polyphenolic Secondary Metabolites. <i>Analytical Letters</i> , 2010, 43, 1089-1099.	1.0	25
8	Determination of the antiradical properties of olive oils using an electrochemical method based on DPPH radical. <i>Food Chemistry</i> , 2015, 166, 324-329.	4.2	25
9	Phenolic and Anthocyanin Profile of Valea Calugareasca Red Wines by HPLC-PDA-MS and MALDI-TOF Analysis. <i>Food Analytical Methods</i> , 2016, 9, 300-310.	1.3	23
10	Biosensors for the Determination of Phenolic Metabolites. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 234-240.	0.8	21
11	Probiotic Strains Influence on Infant Microbiota in the In Vitro Colonic Fermentation Model GIS1. <i>Indian Journal of Microbiology</i> , 2015, 55, 423-429.	1.5	13
12	Nano-crystalline graphite film on SiO ₂ : Electrochemistry and electro-analytical application. <i>Electrochimica Acta</i> , 2019, 303, 284-292.	2.6	13
13	l-Lactic acid biosensor based on multi-layered graphene. <i>Journal of Applied Electrochemistry</i> , 2013, 43, 985-994.	1.5	11
14	Characterization of the Phenolics and Free Radical Scavenging of Romanian Red Wine. <i>Analytical Letters</i> , 2017, 50, 591-606.	1.0	11
15	Monitoring of Rosmarinic Acid Accumulation in Sage Cell Cultures using Laccase Biosensor. <i>Phytochemical Analysis</i> , 2013, 24, 53-58.	1.2	10
16	The Use of Oxygen Radical Absorbance Capacity (ORAC) and Trolox Equivalent Antioxidant Capacity (TEAC) Assays in the Assessment of Beverages' Antioxidant Properties. , 2014, , 245-251.		10
17	Development of a nanocomposite system and its application in biosensors construction. <i>Open Chemistry</i> , 2013, 11, 968-978.	1.0	9
18	Application of an optimized electrochemical sensor for monitoring astaxanthin antioxidant properties against lipoperoxidation. <i>New Journal of Chemistry</i> , 2015, 39, 6428-6436.	1.4	7

#	ARTICLE	IF	CITATIONS
19	Rapid HPLC method for the determination of ascorbic acid in grape samples. <i>Analytical Methods</i> , 2013, 5, 4675.	1.3	6
20	Dataset on large area nano-crystalline graphite film (NCG) grown on SiO ₂ using plasma-enhanced chemical vapour deposition. <i>Data in Brief</i> , 2019, 24, 103923.	0.5	6
21	Electrochemical investigation of a glassy carbon electrode modified with carbon nanotubes decorated with (poly)crystalline gold. <i>Mikrochimica Acta</i> , 2011, 175, 97-104.	2.5	5
22	Lipid hydroxide determination on a ferrocenemethanol modified electrode. <i>Analytical Methods</i> , 2013, 5, 2013.	1.3	5
23	Tunable photoluminescence from interconnected graphene network with potential to enhance the efficiency of a hybrid Si nanowire solar cell. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 9564-9573.	1.3	3
24	Inhibition of Low-Density Lipoprotein Peroxidation by BHA Use: Fluorimetric Assay. <i>Analytical Letters</i> , 2008, 41, 3253-3263.	1.0	1