

Florentina-Daniela Munteanu

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,306
citations

516710

16
h-index

434195

31
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32
all docs

32
docs citations

32
times ranked

1525
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct electron transfer between heme-containing enzymes and electrodes as basis for third generation biosensors. <i>Analytica Chimica Acta</i> , 1999, 400, 91-108.	5.4	508
2	Bioelectrochemical Monitoring of Phenols and Aromatic Amines in Flow Injection Using Novel Plant Peroxidases. <i>Analytical Chemistry</i> , 1998, 70, 2596-2600.	6.5	124
3	Advances in Enzyme-Based Biosensors for Pesticide Detection. <i>Biosensors</i> , 2018, 8, 27.	4.7	112
4	Detection of Antibiotics and Evaluation of Antibacterial Activity with Screen-Printed Electrodes. <i>Sensors</i> , 2018, 18, 901.	3.8	68
5	Comparison of rotating disk and wall-jet electrode systems for studying the kinetics of direct and mediated electron transfer for horseradish peroxidase on a graphite electrode. <i>Journal of Electroanalytical Chemistry</i> , 1998, 458, 113-120.	3.8	58
6	Supercritical fluid extraction of a lignocellulosic hydrolysate of spruce for detoxification and to facilitate analysis of inhibitors. <i>Biotechnology and Bioengineering</i> , 2002, 79, 694-700.	3.3	48
7	Strategies to Improve Meat Products's Quality. <i>Foods</i> , 2020, 9, 1883.	4.3	47
8	Recent Trends in Biosensors for Environmental Quality Monitoring. <i>Sensors</i> , 2022, 22, 1513.	3.8	47
9	Electrochemical and catalytic investigation of carbon paste modified with Toluidine Blue O covalently immobilised on silica gel. <i>Analytica Chimica Acta</i> , 2003, 476, 43-54.	5.4	43
10	Laccase kinetics of degradation and coupling reactions. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2005, 33, 23-28.	1.8	40
11	Electrostatics of Tau Protein by Molecular Dynamics. <i>Biomolecules</i> , 2019, 9, 116.	4.0	23
12	Indophenol and O-Quinone Derivatives Immobilized on Zirconium Phosphate for NADH Electro-oxidation. <i>Analytical Letters</i> , 2003, 36, 1755-1779.	1.8	22
13	Direct and Mediated Electron Transfer Catalyzed by Anionic Tobacco Peroxidase: Effect of Calcium Ions. <i>Applied Biochemistry and Biotechnology</i> , 2000, 88, 321-334.	2.9	20
14	Staining of wool using the reaction products of ABTS oxidation by Laccase: Synergetic effects of ultrasound and cyclic voltammetry. <i>Ultrasonics Sonochemistry</i> , 2007, 14, 363-367.	8.2	19
15	NADH Oxidation Using Carbonaceous Electrodes Modified with Dibenzo-Dithia-Diazapentacene. <i>Electroanalysis</i> , 2003, 15, 383-391.	2.9	18
16	Closing the Loop with Keratin-Rich Fibrous Materials. <i>Polymers</i> , 2021, 13, 1896.	4.5	17
17	The Safety of Slaughterhouse Workers during the Pandemic Crisis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2633.	2.6	14
18	The Seasonality Impact of the BTEX Pollution on the Atmosphere of Arad City, Romania. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4858.	2.6	13

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19	Cellobiose Dehydrogenase and Peroxidase Biosensors for Determination of Phenolic Compounds. ACS Symposium Series, 2000, , 113-124.	0.5	11
20	Protein disulphide isomerase-assisted functionalization of keratin-based matrices. Applied Microbiology and Biotechnology, 2011, 90, 1311-1321.	3.6	11
21	Onion (<i>Allium cepa</i> L.) peel extracts characterization by conventional and modern methods. International Journal of Food Engineering, 2021, 17, 485-493.	1.5	9
22	Bioelectrochemical investigations of aryl-alcohol oxidase from <i>Pleurotus eryngii</i> . Journal of Electroanalytical Chemistry, 2008, 618, 83-86.	3.8	8
23	Removal of Cypermethrin from Water by Using <i>Fucus Spiralis</i> Marine Alga. International Journal of Environmental Research and Public Health, 2019, 16, 3663.	2.6	6
24	Biosensors Based on Laccase for Detection of Commercially Reactive Dyes. Analytical Letters, 2010, 43, 1126-1131.	1.8	4
25	Kinetics of direct and substrate-mediated electron transfer of versatile peroxidase-modified graphite electrodes. Journal of Electroanalytical Chemistry, 2005, 580, 35-40.	3.8	3
26	The Romanian consumers' perception regarding the safety of dietary supplements. Zeitschrift Fur Gesundheitswissenschaften, 2022, 30, 1583-1602.	1.6	3
27	White Grape Pomace Valorization for Remediating Purposes. Applied Sciences (Switzerland), 2022, 12, 1997.	2.5	3
28	Characterization of ligno-cellulosic materials bleached with oxo-diperoxo-molybdates. Carbohydrate Polymers, 2013, 98, 490-494.	10.2	2
29	Detection of Biomedically Relevant Stilbenes from Wines by Mass Spectrometry. Advances in Experimental Medicine and Biology, 2019, 1140, 665-684.	1.6	2
30	MALDI-TOF Mass Spectrometry in Textile Industry. NATO Science for Peace and Security Series A: Chemistry and Biology, 2008, , 193-203.	0.5	1
31	Estimation of the Amount of Disposed Antibiotics. Sustainability, 2019, 11, 1800.	3.2	1
32	Biocatalytic Strategy for Grafting Natural Lignin with Aniline. Molecules, 2020, 25, 4921.	3.8	1