Anna Maria Girelli

List of Publications by Year
in descending order

39	684	623734 14	580821 25
papers	citations	h-index	g-index

39	39	39	880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Application of immobilized enzyme reactor in on-line high performance liquid chromatography: A review. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 819, 3-16.	2.3	137
2	Agro-industrial wastes as potential carriers for enzyme immobilization: A review. Chemosphere, 2020, 244, 125368.	8.2	99
3	Phenols removal by immobilized tyrosinase reactor in on-line high performance liquid chromatography. Analytica Chimica Acta, 2006, 580, 271-277.	5.4	36
4	Determination of polycyclic aromatic hydrocarbons in Italian milk by HPLC with fluorescence detection. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 703-710.	2.3	34
5	A new laccase-mediator system facing the biodegradation challenge: Insight into the NSAIDs removal. Chemosphere, 2019, 215, 535-542.	8.2	33
6	Immobilization of Laccase fromTrametes versicoloron Chitosan Macrobeads for Anthracene Degradation. Analytical Letters, 2017, 50, 2308-2322.	1.8	31
7	Immobilized tyrosinase reactor for on-line HPLC applicationDevelopment and characterization. Sensors and Actuators B: Chemical, 2007, 121, 515-521.	7.8	22
8	Eggshell membrane as feedstock in enzyme immobilization. Journal of Biotechnology, 2021, 325, 241-249.	3.8	22
9	Separation of dansylamino acid enantiomers by thin-layer chromatography. Analyst, The, 1988, 113, 1245.	3.5	21
10	Polycyclic aromatic hydrocarbons (PAHs) in yogurt samples. Food Additives and Contaminants: Part B Surveillance, 2015, 8, 50-55.	2.8	19
11	Liquid membranes for chiral separations. Application of cinchonidine as a chiral carrier. Journal of Separation Science, 2002, 25, 229-238.	2.5	18
12	5-Hydroxymethyl furfural determination in Italian honeys by a fast near infrared spectroscopy. Microchemical Journal, 2018, 143, 140-144.	4.5	18
13	Immobilization of mushroom tyrosinase on controlled pore glass: Effect of chemical modification. Sensors and Actuators B: Chemical, 2007, 125, 48-54.	7.8	17
14	Flat-bed chromatography on impregnated layers. Journal of Chromatography A, 1989, 466, 1-35.	3.7	16
15	Silica-chitosan hybrid support for laccase immobilization. Journal of Biotechnology, 2020, 318, 45-50.	3.8	16
16	Determination of Polycyclic Aromatic Hydrocarbons in Tea Infusions Samples by High Performance Liquid Chromatography with Fluorimetric Detection. Journal of Food Quality, 2017, 2017, 1-7.	2.6	12
17	Design of a heterogeneous enzymatic catalyst on chitosan: investigation of the role of conjugation chemistry in the catalytic activity of a Laccase from Trametes versicolor. Journal of Chemical Technology and Biotechnology, 2018, 93, 1413-1420.	3.2	12
18	Sustainable recycling of spent grain for laccase immobilization as dyes removal tool. Journal of Environmental Chemical Engineering, 2021, 9, 106653.	6.7	12

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19	Design of bioreactor based on immobilized laccase on silica-chitosan support for phenol removal in continuous mode. Journal of Biotechnology, 2021, 337, 8-17.	3.8	11
20	Determination of an Antioxidant Capacity Index by Immobilized Tyrosinase Bioreactor. Journal of Agricultural and Food Chemistry, 2009, 57, 5178-5186.	5.2	10
21	Polyphenol Content and Antioxidant Activity of Merlot and Shiraz Wine. Analytical Letters, 2015, 48, 1865-1880.	1.8	9
22	Determination of furanic compounds and acidity for Italian honey quality. Flavour and Fragrance Journal, 2018, 33, 411-419.	2.6	9
23	Spent grain as a sustainable and low-cost carrier for laccase immobilization. Waste Management, 2021, 128, 114-121.	7.4	8
24	New method for guanase activity measurement by high-performance liquid chromatography. Biomedical Applications, 1993, 616, 25-30.	1.7	7
25	Tyrosinase immobilized reactor as a fast tool for polyphenolic index of tea. Journal of Food Composition and Analysis, 2009, 22, 709-713.	3.9	7
26	Effect of the mobile phase composition on the retention behaviour of diphenylsilica pre-coated plates. Journal of Chromatography A, 1986, 367, 323-334.	3.7	6
27	Determination of aspartate aminotransferase activity by high-performance liquid chromatography. Biomedical Applications, 1994, 656, 191-195.	1.7	6
28	Thin-layer chromatography of the MBTH derivatives of some aliphatic aldehydes. Talanta, 1985, 32, 47-48.	5.5	5
29	Oils and grease determination by FT-IR and n-hexane as extraction solvent. Journal of Analytical Chemistry, 2015, 70, 316-319.	0.9	5
30	Solvent effects on complex formation: Cobalt(II)î—¸thiourea in ethyl acetate, propanol, propylene carbonate. Inorganica Chimica Acta, 1983, 75, 237-240.	2.4	4
31	On-Line Separation and Determination of Trivalent and Hexavalent Chromium with a New Liquid Membrane Annular Contactor Coupled to Inductively Coupled Plasma Optical Emission Spectrometry. Processes, 2021, 9, 536.	2.8	4
32	Formation equilibria of copper(II) complexes with some pyridinols in various solvents. Polyhedron, 1985, 4, 1433-1437.	2.2	3
33	Simultaneous assay for aspartate aminotransferase and guanase in human serum by high-performance liquid chromatography. Biomedical Applications, 1997, 689, 305-311.	1.7	3
34	Phosphatidylcholine determination in dietary supplement by coupled enzymes immobilized in a single bioreactor. Biocatalysis and Agricultural Biotechnology, 2017, 12, 142-147.	3.1	3
35	Influence of the oxygen on cobalt(II) thiosemicarbazide complexes in various solvents. Inorganica Chimica Acta, 1985, 98, 55-58.	2.4	2
36	Complexes of copper(II) with chelating agents in ethanol, dimethylacetamide and dimethylsulfoxide. Inorganica Chimica Acta, 1986, 111, 1-4.	2.4	2

#	Article	IF	Citations
37	Formation of iron(II) complexes with some aromatic anions in DMSO. Inorganica Chimica Acta, 1988, 141, 99-102.	2.4	2
38	Cobalt(III) aminoacidate bis-phenanthroline chlorides: preparation and characterisation by thermal analysis and other analytical methods. Thermochimica Acta, 1991, 181, 215-226.	2.7	2
39	Frog liver dolichols: Separation and quantitative determination related to seasonality. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1988, 91, 193-195.	0.2	1