

Ana MarÃ- a Casas-Ferreira

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

634
citations

687363

13
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1003
citing authors

#	ARTICLE	IF	CITATIONS
1	Simplified QuEChERS approach for the extraction of chlorinated compounds from soil samples. <i>Talanta</i> , 2010, 81, 385-391.	5.5	115
2	GC-MS determination of parabens, triclosan and methyl triclosan in water by in situ derivatisation and stir-bar sorptive extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 945-953.	3.7	79
3	In situ aqueous derivatization as sample preparation technique for gas chromatographic determinations. <i>Journal of Chromatography A</i> , 2013, 1296, 70-83.	3.7	68
4	Stir bar sorptive extraction of parabens, triclosan and methyl triclosan from soil, sediment and sludge with in situ derivatization and determination by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 3837-3844.	3.7	66
5	Non-separative mass spectrometry methods for non-invasive medical diagnostics based on volatile organic compounds: A review. <i>Analytica Chimica Acta</i> , 2019, 1045, 10-22.	5.4	44
6	Headspace generation coupled to gas chromatography-mass spectrometry for the automated determination and quantification of endogenous compounds in urine. Aldehydes as possible markers of oxidative stress. <i>Journal of Chromatography A</i> , 2014, 1367, 9-15.	3.7	33
7	Use of a programmed temperature vaporizer and an in situ derivatization reaction to improve sensitivity in headspace-gas chromatography. Application to the analysis of chlorophenols in water. <i>Journal of Chromatography A</i> , 2009, 1216, 1192-1199.	3.7	32
8	In situ derivatization coupled to microextraction by packed sorbent and gas chromatography for the automated determination of haloacetic acids in chlorinated water. <i>Journal of Chromatography A</i> , 2013, 1318, 35-42.	3.7	32
9	The Impact of Ischemia/Reperfusion Injury on Liver Allografts from Deceased after Cardiac Death versus Deceased after Brain Death Donors. <i>PLoS ONE</i> , 2016, 11, e0148815.	2.5	28
10	In situ derivatization reaction and determination of ibuprofen in water samples using headspace generation-programmed temperature vaporization-gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 6728-6734.	3.7	23
11	Lipidomics comparing DCD and DBD liver allografts uncovers lysophospholipids elevated in recipients undergoing early allograft dysfunction. <i>Scientific Reports</i> , 2015, 5, 17737.	3.3	22
12	Adenosine monophosphate is elevated in the bronchoalveolar lavage fluid of mice with acute respiratory toxicity induced by nanoparticles with high surface hydrophobicity. <i>Nanotoxicology</i> , 2015, 9, 106-115.	3.0	16
13	Use of microextraction by packed sorbents and gas chromatography-mass spectrometry for the determination of polyamines and related compounds in urine. <i>Journal of Chromatography A</i> , 2016, 1444, 32-41.	3.7	14
14	Headspace sampling with in situ carbodiimide-mediated derivatization for the determination of ibuprofen in water samples. <i>Journal of Chromatography A</i> , 2011, 1218, 4856-4862.	3.7	12
15	Development of a screening and confirmatory method for the analysis of polar endogenous compounds in saliva based on a liquid chromatographic-tandem mass spectrometric system. <i>Journal of Chromatography A</i> , 2019, 1590, 88-95.	3.7	11
16	Use of microextraction by packed sorbent directly coupled to an electron ionization single quadrupole mass spectrometer as an alternative for non-separative determinations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 74-80.	2.3	6
17	Development of a fast and reliable methodology for the determination of polyamines in urine by using a guard column as a low-resolution fractioning step prior to mass spectrometry. Comparison with flow injection-mass spectrometry analysis. <i>Microchemical Journal</i> , 2020, 158, 105223.	4.5	6
18	Determination of leucine and isoleucine/allo-isoleucine by electrospray ionization-tandem mass spectrometry and partial least square regression: Application to saliva samples. <i>Talanta</i> , 2020, 216, 120811.	5.5	6

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19	Determination of polyamines and related compounds in saliva via in situ derivatization and microextraction by packed sorbents coupled to GC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1129, 121821.	2.3	5
20	Deregulation of the Purine Pathway in Pre-Transplant Liver Biopsies Is Associated with Graft Function and Survival after Transplantation. <i>Journal of Clinical Medicine</i> , 2020, 9, 711.	2.4	5
21	Rapid and reliable analysis of underivatized amino acids in urine using tandem mass spectrometry. <i>Microchemical Journal</i> , 2022, 172, 106914.	4.5	5
22	Development of an environmentally friendly methodological approach to determine chlorinated hydrocarbons and chlorobenzenes in soils. <i>Green Chemistry Letters and Reviews</i> , 2014, 7, 50-59.	4.7	4
23	Fast methods based on mass spectrometry for peptide identification. Application to sex determination of human remains in tooth enamel. <i>Microchemical Journal</i> , 2022, 181, 107645.	4.5	2