Ana MarÃ-a Casas-Ferreira

List of Publications by Year
in descending order

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	Rapid and reliable analysis of underivatized amino acids in urine using tandem mass spectrometry. Microchemical Journal, 2022, 172, 106914.	4.5	5
2	Fast methods based on mass spectrometry for peptide identification. Application to sex determination of human remains in tooth enamel. Microchemical Journal, 2022, 181, 107645.	4.5	2
3	Deregulation of the Purine Pathway in Pre-Transplant Liver Biopsies Is Associated with Graft Function and Survival after Transplantation. Journal of Clinical Medicine, 2020, 9, 711.	2.4	5
4	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. Microchemical Journal, 2020, 158, 105223.	4.5	6
5	Determination of leucine and isoleucine/allo-isoleucine by electrospray ionization-tandem mass spectrometry and partial least square regression: Application to saliva samples. Talanta, 2020, 216, 120811.	5.5	6
6	Non-separative mass spectrometry methods for non-invasive medical diagnostics based on volatile organic compounds: A review. Analytica Chimica Acta, 2019, 1045, 10-22.	5.4	44
7	Determination of polyamines and related compounds in saliva via in situ derivatization and microextraction by packed sorbents coupled to GC-MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1129, 121821.	2.3	5
8	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. Journal of Chromatography A, 2019, 1590, 88-95.	3.7	11
9	Use of microextraction by packed sorbent directly coupled to an electron ionization single quadrupole mass spectrometer as an alternative for non-separative determinations. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1043, 74-80.	2.3	6
10	Use of microextraction by packed sorbents and gas chromatography-mass spectrometry for the determination of polyamines and related compounds in urine. Journal of Chromatography A, 2016, 1444, 32-41.	3.7	14
11	The Impact of Ischemia/Reperfusion Injury on Liver Allografts from Deceased after Cardiac Death versus Deceased after Brain Death Donors. PLoS ONE, 2016, 11, e0148815.	2.5	28
12	Lipidomics comparing DCD and DBD liver allografts uncovers lysophospholipids elevated in recipients undergoing early allograft dysfunction. Scientific Reports, 2015, 5, 17737.	3.3	22
13	Adenosine monophosphate is elevated in the bronchoalveolar lavage fluid of mice with acute respiratory toxicity induced by nanoparticles with high surface hydrophobicity. Nanotoxicology, 2015, 9, 106-115.	3.0	16
14	Development of an environmentally friendly methodological approach to determine chlorinated hydrocarbons and chlorobenzenes in soils. Green Chemistry Letters and Reviews, 2014, 7, 50-59.	4.7	4
15	Headspace generation coupled to gas chromatographyâ€“mass spectrometry for the automated determination and quantification of endogenous compounds in urine. Aldehydes as possible markers of oxidative stress. Journal of Chromatography A, 2014, 1367, 9-15.	3.7	33
16	In situ derivatization coupled to microextraction by packed sorbent and gas chromatography for the automated determination of haloacetic acids in chlorinated water. Journal of Chromatography A, 2013, 1318, 35-42.	3.7	32
17	In situ aqueous derivatization as sample preparation technique for gas chromatographic determinations. Journal of Chromatography A, 2013, 1296, 70-83.	3.7	68
18	GC-MS determination of parabens, triclosan and methyl triclosan in water by in situ derivatisation and stir-bar sorptive extraction. Analytical and Bioanalytical Chemistry, 2011, 399, 945-953.	3.7	79

#	Article	IF	Citations
19	Headspace sampling with in situ carbodiimide-mediated derivatization for the determination of ibuprofen in water samples. Journal of Chromatography A, 2011, 1218, 4856-4862.	3.7	12
20	Stir bar sorptive extraction of parabens, triclosan and methyl triclosan from soil, sediment and sludge with in situ derivatization and determination by gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2011, 1218, 3837-3844.	3.7	66
21	Simplified QuEChERS approach for the extraction of chlorinated compounds from soil samples. Talanta, 2010, 81, 385-391.	5.5	115
22	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. Journal of Chromatography A, 2009, 1216, 1192-1199.	3.7	32
23	In situ derivatization reaction and determination of ibuprofen in water samples using headspace generation-programmed temperature vaporization-gas chromatography-mass spectrometry. Journal of Chromatography A, 2009, 1216, 6728-6734.	3.7	23