M C Casais

List of Publications by Year
in descending order

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32 papers	1,085 citations	394421 19 h-index	434195 31 g-index
32 all docs	32 docs citations	32 times ranked	1213 citing authors

#	Article	IF	Citations
1	Development of an ionic liquid based dispersive liquidâ€“liquid microextraction method for the analysis of polycyclic aromatic hydrocarbons in water samples. Journal of Chromatography A, 2009, 1216, 6356-6364.	3.7	163
2	Combination of off-line solid-phase extraction and on-column sample stacking for sensitive determination of parabens and p-hydroxybenzoic acid in waters by non-aqueous capillary electrophoresis. Analytica Chimica Acta, 2009, 647, 104-111.	5.4	123
3	Optimization of a microwave-assisted extraction method for the analysis of polycyclic aromatic hydrocarbons from fish samples. Journal of Chromatography A, 2006, 1121, 163-169.	3.7	74
4	Application of matrix solid-phase dispersion in the analysis of priority polycyclic aromatic hydrocarbons in fish samples. Journal of Chromatography A, 2005, 1077, 103-109.	3.7	71
5	Simultaneous determination of neutral and acidic pharmaceuticals in wastewater by high-performance liquid chromatographyâ€“post-column photochemically induced fluorimetry. Journal of Chromatography A, 2003, 993, 29-37.	3.7	49
6	Approaches for the Simultaneous Extraction of Tetrabromobisphenol A, Tetrachlorobisphenol A, and Related Phenolic Compounds from Sewage Sludge and Sediment Samples Based on Matrix Solid-Phase Dispersion. Analytical Chemistry, 2006, 78, 2772-2778.	6.5	48
7	Analysis of tetrabromobisphenol A and other phenolic compounds in water samples by non-aqueous capillary electrophoresis coupled to photodiode array ultraviolet detection. Journal of Chromatography A, 2005, 1071, 205-211.	3.7	46
8	Optimization of the extraction of polycyclic aromatic hydrocarbons from wood samples by the use of microwave energy. Journal of Chromatography A, 2000, 869, 505-513.	3.7	44
9	Optimization of the matrix solid-phase dispersion sample preparation procedure for analysis of polycyclic aromatic hydrocarbons in soils: Comparison with microwave-assisted extraction. Journal of Chromatography A, 2007, 1165, 32-38.	3.7	44
10	Optimization of a dispersive liquidâ€“liquid microextraction method for the analysis of benzotriazoles and benzothiazoles in water samples. Analytical and Bioanalytical Chemistry, 2012, 402, 1679-1695.	3.7	41
11	Simultaneous determination of pâ€hydroxybenzoic acid and parabens by capillary electrophoresis with improved sensitivity in nonaqueous media. Electrophoresis, 2008, 29, 3229-3238.	2.4	40
12	Development of a matrix solid-phase dispersion method for the determination of polycyclic aromatic hydrocarbons in sewage sludge samples. Analytica Chimica Acta, 2008, 626, 155-165.	5.4	39
13	Optimisation of alachlor solid-phase microextraction from water samples using experimental design. Journal of Chromatography A, 2000, 896, 373-379.	3.7	34
14	Evaluation of capillary columns used in the routine determination of methylmercury in biological and environmental materials. Journal of Chromatography A, 1992, 605, 69-80.	3.7	30
15	Selective determination of COXIBs in environmental water samples by mixed-mode solid phase extraction and liquid chromatography quadrupole time-of-flight mass spectrometry. Journal of Chromatography A, 2015, 1420, 35-45.	3.7	26
16	Evaluation of gas chromatographic columns for the determination of methylmercury in aqueous head space extracts from biological samples. Journal of Chromatography A, 1991, 586, 329-340.	3.7	23
17	Comparative study of aqueous and non-aqueous capillary electrophoresis in the separation of halogenated phenolic and bisphenolic compounds in water samples. Journal of Chromatography A, 2005, 1068, 189-199.	3.7	23
18	Strategic sample composition in the screening of polycyclic aromatic hydrocarbons in drinking water samples using liquid chromatography with fluorimetric detection. Journal of Chromatography A, 2004, 1056, 121-130.	3.7	21

#	Article	IF	Citations
19	Automated off-line optimisation of programmed elutions in reversed-phase high-performance liquid chromatography using ternary solvent mixtures. Analytica Chimica Acta, 2004, 515, 127-141.	5.4	20
20	Development of a sample preparation procedure of sewage sludge samples for the determination of polycyclic aromatic hydrocarbons based on selective pressurized liquid extraction. Journal of Chromatography A, 2010, 1217, 425-435.	3.7	18
21	Mercury speciation in raw sediments of the pontevedra estuary (Galiciaâ€Spain). Environmental Technology (United Kingdom), 1992, 13, 11-22.	2.2	16
22	Comparative study of microwave-induced plasma atomic emission spectrometry and atomic fluorescence spectrometry as gas-chromatographic detectors for the determination of methylmercury in biological samples. Applied Organometallic Chemistry, 1993, 7, 45-51.	3.5	16
23	Sample preparation of sewage sludge and soil samples for the determination of polycyclic aromatic hydrocarbons based on one-pot microwave-assisted saponification and extraction. Analytical and Bioanalytical Chemistry, 2007, 387, 2559-2567.	3.7	15
24	Matrix solid-phase dispersion followed by liquid chromatography tandem mass spectrometry for the determination of selective ciclooxygenase-2 inhibitors in sewage sludge samples. Journal of Chromatography A, 2016, 1462, 35-43.	3.7	14
25	Development of a new sorptive extraction method based on simultaneous direct and headspace sampling modes for the screening of polycyclic aromatic hydrocarbons in water samples. Talanta, 2015, 132, 433-442.	5.5	13
26	A study of the behaviour of methylmercury compounds in aqueous solutions, and of gas/liquid distribution coefficients, using head space analysis. Water Research, 1993, 27, 1431-1446.	11.3	12
27	Studies on organo-mercury compounds speciation. Mikrochimica Acta, 1992, 109, 111-116.	5.0	9
28	Quality control in the routine analysis of methylmercury in biological and environmental materials using gas chromatography with electron capture detection. Applied Organometallic Chemistry, 1994, 8, 677-686.	3.5	9
29	Gymnodinium catenatumtoxins from mussels (mytilus galloprovincialis). Environmental Technology (United Kingdom), 1991, 12, 33-40.	2.2	2
30	Toxin analysis of two low toxicity species of dinoflagellateAlexandrium. Environmental Technology (United Kingdom), 1990, 11, 883-889.	2.2	1
31	Effects of temperature and salinity on the dinoflagellatealexandrium lusitanicum.I. cell volume, cell concentrations in the culture and cellular composition. Environmental Technology (United) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.2	1
32	Effects of temperature and salinity on the dinoflagellatealexandrium lusitanicum.II. excreted carbohydrates. Environmental Technology (United Kingdom), 1992, 13, 791-795.	2.2	0