IvÃ¡n Alvarez

List of Publications by Year
in descending order

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26	620	516681 16	580810 25
papers	citations	h-index	g-index

26	26	26	695
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of Seven Antidepressants in Pericardial Fluid by Means of Dispersive Liquidâ€“Liquid Microextraction and Gas Chromatographyâ€“Mass Spectrometry. Journal of Analytical Toxicology, 2022, 46, 146-156.	2.8	11
2	Quantitative determination of clozapine in plasma using an environmentally friendly technique. Microchemical Journal, 2022, 180, 107612.	4.5	3
3	Determination of levetiracetam in plasma: Comparison of gas chromatography-mass spectrometry technique and AbbotÂ® Architect system. Microchemical Journal, 2021, 160, 105715.	4.5	2
4	Duration of detection of cocaine and metabolites in hair after discontinuation of abuse. Microchemical Journal, 2020, 153, 104335.	4.5	2
5	The probability to detect cocaine, methylecgonine, cinnamoylcocaine, hygrine and cuscohygrine in urine samples of coca leaves chewers after six years. Microchemical Journal, 2019, 151, 104215.	4.5	0
6	Determination of benzodiazepines in pericardial fluid by gas chromatographyâ€“mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2018, 159, 45-52.	2.8	16
7	Solid phase microextraction and gas chromatographyâ€“mass spectrometry methods for residual solvent assessment in seized cocaine and heroin. Analytical and Bioanalytical Chemistry, 2016, 408, 6393-6402.	3.7	5
8	Optimization of ultrasound assisted dispersive liquid-liquid microextraction of six antidepressants in human plasma using experimental design. Journal of Pharmaceutical and Biomedical Analysis, 2016, 124, 189-197.	2.8	50
9	Determination of direct alcohol markers: a review. Analytical and Bioanalytical Chemistry, 2015, 407, 4907-4925.	3.7	72
10	Hair testing for cocaine and metabolites by GC/MS: criteria to quantitatively assess cocaine use. Journal of Applied Toxicology, 2013, 33, 838-844.	2.8	20
11	Chromatographic determination of benzodiazepines in vitreous humor after microwave-assisted extraction. Analytical Methods, 2013, 5, 4999.	2.7	12
12	Simultaneous determination of new-generation antidepressants in plasma by gas chromatographyâ€“mass spectrometry. Forensic Toxicology, 2013, 31, 124-132.	2.4	26
13	A new method for quantifying prenatal exposure to ethanol by microwave-assisted extraction (MAE) of meconium followed by gas chromatographyâ€“mass spectrometry (GCâ€“MS). Analytical and Bioanalytical Chemistry, 2012, 404, 147-155.	3.7	14
14	Determination of fentanyl, metabolite and analogs in urine by GC/MS. Journal of Applied Toxicology, 2011, 31, 649-654.	2.8	35
15	Experimental design for optimization of microwave-assisted extraction of benzodiazepines in human plasma. Analytical and Bioanalytical Chemistry, 2010, 397, 677-685.	3.7	31
16	Matrix solid-phase dispersion on column clean-up/pre-concentration as a novel approach for fast isolation of abuse drugs from human hair. Journal of Chromatography A, 2010, 1217, 6342-6349.	3.7	33
17	Analysis of Six Benzodiazepines in Vitreous Humor by High-Performance Liquid Chromatography-Photodiode-Array Detection. Journal of Analytical Toxicology, 2010, 34, 539-542.	2.8	29
18	Cocaine and Opiates Use in Pregnancy: Detection of Drugs in Neonatal Meconium and Urine. Journal of Analytical Toxicology, 2009, 33, 351-355.	2.8	22

#	Article	IF	Citations
19	Microwave-assisted extraction: a simpler and faster method for the determination of ethyl glucuronide in hair by gas chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2009, 393, 1345-1350.	3.7	38
20	Analysis of Fatty Acid Ethyl Esters in Hair by Headspace Solid-Phase Microextraction (HS-SPME) and Gas Chromatography-Mass Spectrometry (GC-MS). Analytical Letters, 2009, 42, 2962-2977.	1.8	11
21	Microwave assisted extraction for the determination of ethyl glucuronide in urine by gas chromatographyâ€mass spectrometry. Journal of Applied Toxicology, 2008, 28, 773-778.	2.8	24
22	Determination of cocaine and heroin with their respective metabolites in meconium by gas chromatography-mass spectrometry. Journal of Applied Toxicology, 2007, 27, 464-471.	2.8	24
23	Determination of cocaine and cocaethylene in plasma by solid-phase microextraction and gas chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 845, 90-94.	2.3	51
24	Solid-phase microextraction for the determination of cocaine and cocaethylene in human hair by gas chromatographyâ€“mass spectrometry. Forensic Science International, 2006, 156, 2-8.	2.2	55
25	Simultaneous Determination of Methadone, Heroin, Cocaine and their Metabolites in Urine by GCâ€MS. Analytical Letters, 2006, 39, 1393-1399.	1.8	16
26	Determination of Cocaine and Heroin with Their Respective Metabolites in Human Hair using Gas Chromatographyâ€Mass Spectrometry. Analytical Letters, 2006, 39, 2307-2316.	1.8	18