

Iván Alvarez

List of Publications by Year in descending order

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26
papers

620
citations

586496

16
h-index

651938

25
g-index

26
all docs

26
docs citations

26
times ranked

759
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Seven Antidepressants in Pericardial Fluid by Means of Dispersive Liquid-Liquid Microextraction and Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2022, 46, 146-156.	1.7	11
2	Quantitative determination of clozapine in plasma using an environmentally friendly technique. <i>Microchemical Journal</i> , 2022, 180, 107612.	2.3	3
3	Determination of levetiracetam in plasma: Comparison of gas chromatography-mass spectrometry technique and Abbot® Architect system. <i>Microchemical Journal</i> , 2021, 160, 105715.	2.3	2
4	Duration of detection of cocaine and metabolites in hair after discontinuation of abuse. <i>Microchemical Journal</i> , 2020, 153, 104335.	2.3	2
5	The probability to detect cocaine, methylecgonine, cinnamoylcocaine, hygrine and cuscohygrine in urine samples of coca leaves chewers after six years. <i>Microchemical Journal</i> , 2019, 151, 104215.	2.3	0
6	Determination of benzodiazepines in pericardial fluid by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 45-52.	1.4	16
7	Solid phase microextraction and gas chromatography-mass spectrometry methods for residual solvent assessment in seized cocaine and heroin. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6393-6402.	1.9	5
8	Optimization of ultrasound assisted dispersive liquid-liquid microextraction of six antidepressants in human plasma using experimental design. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 189-197.	1.4	50
9	Determination of direct alcohol markers: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4907-4925.	1.9	72
10	Hair testing for cocaine and metabolites by GC/MS: criteria to quantitatively assess cocaine use. <i>Journal of Applied Toxicology</i> , 2013, 33, 838-844.	1.4	20
11	Chromatographic determination of benzodiazepines in vitreous humor after microwave-assisted extraction. <i>Analytical Methods</i> , 2013, 5, 4999.	1.3	12
12	Simultaneous determination of new-generation antidepressants in plasma by gas chromatography-mass spectrometry. <i>Forensic Toxicology</i> , 2013, 31, 124-132.	1.4	26
13	A new method for quantifying prenatal exposure to ethanol by microwave-assisted extraction (MAE) of meconium followed by gas chromatography-mass spectrometry (GC-MS). <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 147-155.	1.9	14
14	Determination of fentanyl, metabolite and analogs in urine by GC/MS. <i>Journal of Applied Toxicology</i> , 2011, 31, 649-654.	1.4	35
15	Experimental design for optimization of microwave-assisted extraction of benzodiazepines in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 677-685.	1.9	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. <i>Journal of Chromatography A</i> , 2010, 1217, 6342-6349.	1.8	33
17	Analysis of Six Benzodiazepines in Vitreous Humor by High-Performance Liquid Chromatography-Photodiode-Array Detection. <i>Journal of Analytical Toxicology</i> , 2010, 34, 539-542.	1.7	29
18	Cocaine and Opiates Use in Pregnancy: Detection of Drugs in Neonatal Meconium and Urine. <i>Journal of Analytical Toxicology</i> , 2009, 33, 351-355.	1.7	22

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19	Microwave-assisted extraction: a simpler and faster method for the determination of ethyl glucuronide in hair by gas chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 1345-1350.	1.9	38
20	Analysis of Fatty Acid Ethyl Esters in Hair by Headspace Solid-Phase Microextraction (HS-SPME) and Gas Chromatography-Mass Spectrometry (GC-MS). <i>Analytical Letters</i> , 2009, 42, 2962-2977.	1.0	11
21	Microwave assisted extraction for the determination of ethyl glucuronide in urine by gas chromatography-mass spectrometry. <i>Journal of Applied Toxicology</i> , 2008, 28, 773-778.	1.4	24
22	Determination of cocaine and heroin with their respective metabolites in meconium by gas chromatography-mass spectrometry. <i>Journal of Applied Toxicology</i> , 2007, 27, 464-471.	1.4	24
23	Determination of cocaine and cocaethylene in plasma by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 845, 90-94.	1.2	51
24	Solid-phase microextraction for the determination of cocaine and cocaethylene in human hair by gas chromatography-mass spectrometry. <i>Forensic Science International</i> , 2006, 156, 2-8.	1.3	55
25	Simultaneous Determination of Methadone, Heroin, Cocaine and their Metabolites in Urine by GC-MS. <i>Analytical Letters</i> , 2006, 39, 1393-1399.	1.0	16
26	Determination of Cocaine and Heroin with Their Respective Metabolites in Human Hair using Gas Chromatography-Mass Spectrometry. <i>Analytical Letters</i> , 2006, 39, 2307-2316.	1.0	18