

# MarÃ-a JesÃºs Tabernero

## List of Publications by Year in descending order

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71  
papers

1,864  
citations

212478

28  
h-index

340414

39  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1852  
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	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
3	Determination of cocaine and its metabolites in plasma by porous membrane-protected molecularly imprinted polymer micro-solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1451, 15-22.	1.8	45
4	Magnetic molecularly imprinted polymer based micro-solid phase extraction of cocaine and metabolites in plasma followed by high performance liquid chromatography tandem mass spectrometry. <i>Microchemical Journal</i> , 2016, 127, 206-212.	2.3	22
5	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
6	Development of magnetic molecularly imprinted polymers for solid phase extraction of cocaine and metabolites in urine before high performance liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2016, 147, 641-649.	2.9	56
7	Simple and Sensitive Molecularly Imprinted Polymer Mn-Doped ZnS Quantum Dots Based Fluorescence Probe for Cocaine and Metabolites Determination in Urine. <i>Analytical Chemistry</i> , 2016, 88, 2734-2741.	3.2	61
8	Synthesis and characterization of novel molecularly imprinted polymer coated Mn-doped ZnS quantum dots for specific fluorescent recognition of cocaine. <i>Biosensors and Bioelectronics</i> , 2016, 75, 213-221.	5.3	76
9	Determination of direct alcohol markers: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4907-4925.	1.9	72
10	Porous membrane-protected molecularly imprinted polymer micro-solid-phase extraction for analysis of urinary cocaine and its metabolites using liquid chromatography Tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2015, 898, 50-59.	2.6	55
11	Rapid determination of quetiapine in blood by gas chromatography-mass spectrometry. Application to post-mortem cases. <i>Journal of Applied Toxicology</i> , 2014, 34, 1104-1108.	1.4	14
12	Prenatal alcohol exposure and its repercussion on newborns. <i>Journal of Neonatal-Perinatal Medicine</i> , 2014, 7, 47-54.	0.4	10
13	Application of hygrine and cuscohygrine as possible markers to distinguish coca chewing from cocaine abuse on WDT and forensic cases. <i>Forensic Science International</i> , 2014, 243, 30-34.	1.3	13
14	Quantification of fatty acid ethyl esters (FAEE) and ethyl glucuronide (EtG) in meconium for detection of alcohol abuse during pregnancy: Correlation study between both biomarkers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 74-78.	1.4	17
15	An improved method for the determination of $\Delta^9$ -tetrahydrocannabinol, cannabidiol and cannabidiol in hair by liquid chromatography-tandem mass spectrometry. <i>Microchemical Journal</i> , 2014, 117, 7-17.	2.3	16
16	Analysis of ethyl glucuronide in hair samples by liquid chromatography-electrospray ionization-tandem mass spectrometry (LC-ESI-MS/MS). <i>Journal of Applied Toxicology</i> , 2013, 33, 638-643.	1.4	23
17	Chromatographic determination of drugs of abuse in vitreous humor using solid-phase extraction. <i>Journal of Applied Toxicology</i> , 2013, 33, 740-745.	1.4	19
18	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

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19	Direct tandem mass spectrometry for the simultaneous assay of opioids, cocaine and metabolites in dried urine spots. <i>Analytica Chimica Acta</i> , 2013, 784, 25-32.	2.6	35
20	Simultaneous determination of cocaine and opiates in dried blood spots by electrospray ionization tandem mass spectrometry. <i>Talanta</i> , 2013, 117, 235-241.	2.9	32
21	Application of dispersive liquid-liquid microextraction for the determination of phosphatidylethanol in blood by liquid chromatography tandem mass spectrometry. <i>Talanta</i> , 2013, 111, 189-195.	2.9	28
22	Matrix solid phase dispersion assisted enzymatic hydrolysis as a novel approach for cocaine and opiates isolation from human hair. <i>Journal of Chromatography A</i> , 2013, 1316, 15-22.	1.8	15
23	Simultaneous determination of new-generation antidepressants in plasma by gas chromatography-mass spectrometry. <i>Forensic Toxicology</i> , 2013, 31, 124-132.	1.4	26
24	Hygrine and cuscohygrine as possible markers to distinguish coca chewing from cocaine abuse in workplace drug testing. <i>Forensic Science International</i> , 2013, 227, 60-63.	1.3	12
25	Determination of drugs of abuse in hair. <i>Bioanalysis</i> , 2012, 4, 2091-2094.	0.6	8
26	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
27	Estudio epidemiológico de las intoxicaciones agudas atendidas en un hospital gallego entre 2005 y 2008. <i>Revista De Psicología De La Salud</i> , 2012, 24, 239.	0.2	12
28	Electrospray ionization tandem mass spectrometry for the simultaneous determination of opiates and cocaine in human hair. <i>Analytica Chimica Acta</i> , 2011, 704, 123-132.	2.6	28
29	Determination of fentanyl, metabolite and analogs in urine by GC/MS. <i>Journal of Applied Toxicology</i> , 2011, 31, 649-654.	1.4	35
30	Validation of ELISA screening and LC-MS/MS confirmation methods for cocaine in hair after simple extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1539-1548.	1.9	30
31	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
32	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
33	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
34	A rapid method for the extraction, enantiomeric separation and quantification of amphetamines in hair. <i>Forensic Science International</i> , 2009, 193, 95-100.	1.3	29
35	Optimization of a rapid microwave-assisted extraction method for the simultaneous determination of opiates, cocaine and their metabolites in human hair. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1743-1750.	1.2	42
36	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

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37	Determination of ketamine and amphetamines in hair by LC/MS/MS. Analytical and Bioanalytical Chemistry, 2009, 395, 2547-2557.	1.9	55
38	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.	1.0	11
39	Microwave assisted extraction for the determination of ethyl glucuronide in urine by gas chromatography-mass spectrometry. Journal of Applied Toxicology, 2008, 28, 773-778.	1.4	24
40	Bile Analysis for Cocaine and Benzoylecgonine in Overdose Cases. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 2467-2474.	0.5	3
41	Microwave-Assisted Extraction and HPLC-DAD Determination of Drugs of Abuse in Human Plasma. Journal of Analytical Toxicology, 2007, 31, 388-393.	1.7	19
42	Improvements on Enzymatic Hydrolysis of Human Hair for Illicit Drug Determination by Gas Chromatography/Mass Spectrometry. Analytical Chemistry, 2007, 79, 8564-8570.	3.2	34
43	Determination of cocaine and heroin with their respective metabolites in meconium by gas chromatography-mass spectrometry. Journal of Applied Toxicology, 2007, 27, 464-471.	1.4	24
44	Determination of cocaine and cocaethylene in plasma by solid-phase microextraction and gas chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 845, 90-94.	1.2	51
45	Microwave assisted extraction of drugs of abuse from human urine. Journal of Applied Toxicology, 2007, 27, 373-379.	1.4	27
46	Use of gas chromatography/mass spectrometry with positive chemical ionization for the determination of opiates in human oral fluid. Rapid Communications in Mass Spectrometry, 2006, 20, 1288-1292.	0.7	21
47	HPLC-DAD determination of opioids, cocaine and their metabolites in plasma. Forensic Science International, 2006, 161, 31-35.	1.3	53
48	Solid-phase microextraction for the determination of cocaine and cocaethylene in human hair by gas chromatography-mass spectrometry. Forensic Science International, 2006, 156, 2-8.	1.3	55
49	GC-FID determination of cocaine and its metabolites in human bile and vitreous humor. Journal of Applied Toxicology, 2006, 26, 253-257.	1.4	25
50	Simultaneous Determination of Methadone, Heroin, Cocaine and their Metabolites in Urine by GC-MS. Analytical Letters, 2006, 39, 1393-1399.	1.0	16
51	Determination of Cocaine and Heroin with Their Respective Metabolites in Human Hair using Gas Chromatography-Mass Spectrometry. Analytical Letters, 2006, 39, 2307-2316.	1.0	18
52	A New GC-MS Method for the Determination of Five Amphetamines in Human Hair. Journal of Analytical Toxicology, 2005, 29, 135-139.	1.7	37
53	GC-MS Determination of Amphetamines in Human Urine. Analytical Letters, 2005, 38, 781-790.	1.0	5
54	Gas chromatographic determination of cocaine and its metabolites in blood and urine from cocaine users in northwestern Spain. Journal of Applied Toxicology, 2004, 24, 283-287.	1.4	12

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55	Determination of Cannabinoids in Human Hair by GC/MS. <i>Analytical Letters</i> , 2004, 37, 517-528.	1.0	12
56	Deaths from drug abuse in northwestern Spain, 1992-97. <i>Addiction Biology</i> , 2003, 8, 89-95.	1.4	6
57	Quantitation of Cocaine and Its Major Metabolites in Human Saliva Using Gas Chromatography-Positive Chemical Ionization-Mass Spectrometry (GC-PCI-MS)*. <i>Journal of Analytical Toxicology</i> , 2003, 27, 270-274.	1.7	36
58	Use of High Performance Liquid Chromatography for the Determination of Cocaine and Benzoylecgonine in Human Hair. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 2003-2012.	0.5	10
59	Loss of heterozygosity and HIV infection in patients with anal squamous-cell carcinoma. <i>Diseases of the Colon and Rectum</i> , 2001, 44, 1503-1508.	0.7	8
60	Influence of concomitant drugs on methadone elimination half-life in patients under a maintenance treatment. <i>Addiction Biology</i> , 2001, 6, 171-176.	1.4	5
61	Use of solid-phase microextraction (SPME) for the determination of methadone and EDDP in human hair by GC-MS. <i>Forensic Science International</i> , 2000, 107, 225-232.	1.3	72
62	Evaluation of cocaine, amphetamines and cannabis use in university students through hair analysis: preliminary results. <i>Forensic Science International</i> , 2000, 107, 273-279.	1.3	42
63	Simultaneous Determination of Methadone, Heroin and Their Metabolites in Hair By Gc-Ms. <i>Analytical Letters</i> , 2000, 33, 739-752.	1.0	13
64	Saliva/Plasma Ratio of Methadone and EDDP. <i>Journal of Analytical Toxicology</i> , 2000, 24, 70-72.	1.7	34
65	A New Spectrophotometric Method for the Toxicological Diagnosis of Cyanide Poisoning. <i>Journal of Analytical Toxicology</i> , 2000, 24, 266-270.	1.7	16
66	Use of Solid-Phase Microextraction (SPME) for the Determination of Methadone and Its Main Metabolite, EDDP, in Plasma by Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2000, 24, 66-69.	1.7	36
67	Solid-Phase Microextraction in the Determination of Methadone in Human Saliva by Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2000, 24, 93-96.	1.7	32
68	Analysis of opiates and cocaine by RIA and GC-MS: distribution of their metabolites in urine and hair from drug addicts. <i>Addiction Biology</i> , 1999, 4, 421-428.	1.4	4
69	GC/MS Determination of Methadone in Urine and Plasma from Patients Under Detoxification Treatment. <i>Analytical Letters</i> , 1998, 31, 2645-2661.	1.0	2
70	GC/MS Determination of 11-Nor-9-Carboxy- $\delta^9$ -tetrahydrocannabinol in Urine from Cannabis Users.. <i>Analytical Letters</i> , 1998, 31, 2635-2643.	1.0	4
71	Determination of colchicine in biological fluids by reverse-phase HPLC. Variation of colchicine levels in rats. <i>Forensic Science International</i> , 1993, 59, 15-18.	1.3	18