

Emilia Marchei

List of Publications by Year in descending order

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87
papers

2,677
citations

136740

32
h-index

223531

46
g-index

89
all docs

89
docs citations

89
times ranked

2351
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of cannabinoids concentration and stability in standardized preparations of cannabis tea and cannabis oil by ultra-high performance liquid chromatography tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 1555-1563.	1.4	99
2	Assessment of exposure to opiates and cocaine during pregnancy in a Mediterranean city: Preliminary results of the "Meconium Project". <i>Forensic Science International</i> , 2005, 153, 59-65.	1.3	93
3	Simultaneous analysis of frequently used licit and illicit psychoactive drugs in breast milk by liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 309-316.	1.4	86
4	Liquid chromatography/electrospray ionization tandem mass spectrometry assay for determination of nicotine and metabolites, caffeine and arecoline in breast milk. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2693-2703.	0.7	82
5	Ethyl glucuronide and ethyl sulfate in meconium and hair-potential biomarkers of intrauterine exposure to ethanol. <i>Forensic Science International</i> , 2010, 196, 74-77.	1.3	81
6	Method Development in Forensic Toxicology. <i>Current Pharmaceutical Design</i> , 2018, 23, 5455-5467.	0.9	70
7	A rapid and simple procedure for the determination of cannabinoids in hemp food products by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 36, 939-946.	1.4	63
8	Development and Validation of a High-Performance Liquid Chromatography~Mass Spectrometry Assay for Determination of Amphetamine, Methamphetamine, and Methylenedioxy Derivatives in Meconium. <i>Analytical Chemistry</i> , 2004, 76, 2124-2132.	3.2	62
9	Development and validation of a liquid chromatography~mass spectrometry assay for the determination of opiates and cocaine in meconium. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 281-292.	1.2	60
10	New synthetic opioids in biological and non-biological matrices: A~review of current analytical methods. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 102, 1-15.	5.8	57
11	Liquid chromatography~tandem mass spectrometry for fatty acid ethyl esters in meconium: Assessment of prenatal exposure to alcohol in two European cohorts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 927-933.	1.4	56
12	High performance liquid chromatography-diode array and electrospray-mass spectrometry analysis of vardenafil, sildenafil, tadalafil, testosterone and local anesthetics in cosmetic creams sold on the Internet web sites. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 362-369.	1.4	56
13	Evaluation of long-term stability of cannabinoids in standardized preparations of cannabis flowering tops and cannabis oil by ultra-high-performance liquid chromatography tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 56, 94-96.	1.4	56
14	Assessment of Prenatal Exposure to Ethanol by Meconium Analysis: Results of an Italian Multicenter Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 417-424.	1.4	55
15	Quantification of the plant-derived hallucinogen Salvinorin A in conventional and non-conventional biological fluids by gas chromatography/mass spectrometry after <i>Salvia divinorum</i> smoking. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1649-1656.	0.7	54
16	Liquid chromatography~atmospheric pressure ionization electrospray mass spectrometry determination of ~hallucinogenic designer drugs~in urine of consumers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 335-342.	1.4	53
17	Prevalence of gestational exposure to cannabis in a Mediterranean city by meconium analysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 1734-1737.	0.7	49
18	Testing Ethylglucuronide in Maternal Hair and Nails for the Assessment of Fetal Exposure to Alcohol. <i>Therapeutic Drug Monitoring</i> , 2013, 35, 402-407.	1.0	48

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19	Ultra-high performance liquid chromatography tandem mass spectrometry (UHPLC-MS/MS) for determination of GHB, precursors and metabolites in different specimens: Application to clinical and forensic cases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 137, 123-131.	1.4	48
20	New vesicular ampicillin-loaded delivery systems for topical application: characterization, in vitro permeation experiments and antimicrobial activity. <i>Journal of Controlled Release</i> , 2004, 95, 67-74.	4.8	46
21	A rapid and simple procedure for the determination of ephedrine alkaloids in dietary supplements by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1633-1641.	1.4	46
22	High-performance liquid chromatography-diode array and electrospray-mass spectrometry analysis of non-allowed substances in cosmetic products for preventing hair loss and other hormone-dependent skin diseases. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 641-648.	1.4	43
23	Development and validation of a high-performance liquid chromatography-mass spectrometry assay for methylxanthines and taurine in dietary supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 499-507.	1.4	42
24	Liquid Chromatography With Tandem Mass Spectrometric Detection for the Measurement of Ethyl Glucuronide and Ethyl Sulfate in Meconium: New Biomarkers of Gestational Ethanol Exposure?. <i>Therapeutic Drug Monitoring</i> , 2008, 30, 725-732.	1.0	39
25	Liquid chromatography-electrospray ionization mass spectrometry determination of methylphenidate and ritalinic acid in conventional and non-conventional biological matrices. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 434-439.	1.4	39
26	Quantification of δ^9 -tetrahydrocannabinol and its Major Metabolites in Meconium by Gas Chromatographic-mass Spectrometric Assay: Assay Validation and Preliminary Results of the δ^9 -Meconium Project. <i>Therapeutic Drug Monitoring</i> , 2006, 28, 700-706.	1.0	37
27	Population Baseline of Meconium Ethyl Glucuronide and Ethyl Sulfate Concentrations in Newborns of Nondrinking Women in 2 Mediterranean Cohorts. <i>Therapeutic Drug Monitoring</i> , 2010, 32, 359-363.	1.0	37
28	Antiretroviral Prophylaxis for Breastfeeding Transmission in Malawi: Drug Concentrations, Virological Efficacy and Safety. <i>Antiviral Therapy</i> , 2012, 17, 1511-1519.	0.6	37
29	Quantification of arecoline (areca nut alkaloid) in neonatal biological matrices by high-performance liquid chromatography/electrospray quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1958-1964.	0.7	36
30	Fetal exposure to ethanol: relationship between ethyl glucuronide in maternal hair during pregnancy and ethyl glucuronide in neonatal meconium. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016, 54, 427-35.	1.4	35
31	3,4-Methylenedioxymethamphetamine (MDMA) Intoxication in an Infant Chronically Exposed to Cocaine. <i>Therapeutic Drug Monitoring</i> , 2005, 27, 409-411.	1.0	34
32	On-site screening and GC-MS analysis of cocaine and heroin metabolites in body-packers urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 383-387.	1.4	34
33	Ultra-high-pressure liquid chromatography tandem mass spectrometry determination of hallucinogenic drugs in hair of psychedelic plants and mushrooms consumers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 284-289.	1.4	34
34	A rapid and simple procedure for the determination of synephrine in dietary supplements by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 1468-1472.	1.4	33
35	Concentrations of tenofovir, lamivudine and efavirenz in mothers and children enrolled under the Option B-Plus approach in Malawi. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1027-1030.	1.3	32
36	Dilute and shoot ultra-high performance liquid chromatography tandem mass spectrometry (UHPLC-MS/MS) analysis of psychoactive drugs in oral fluid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 63-67.	1.4	32

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37	Development and validation of a gas chromatography–mass spectrometry assay for opiates and cocaine in human teeth. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 662-668.	1.4	31
38	Neonatal Withdrawal Syndrome After Chronic Maternal Drinking of Mate. <i>Therapeutic Drug Monitoring</i> , 2007, 29, 127-129.	1.0	31
39	Simultaneous determination of zidovudine and nevirapine in human plasma by RP-LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 1081-1088.	1.4	29
40	Pharmacokinetics of methylphenidate in oral fluid and sweat of a pediatric subject. <i>Forensic Science International</i> , 2010, 196, 59-63.	1.3	29
41	Identification and quantification of 11-nor- Δ^9 -tetrahydrocannabinol-9-carboxylic acid glucuronide (THC-COOH-glu) in hair by ultra-performance liquid chromatography tandem mass spectrometry as a potential hair biomarker of cannabis use. <i>Forensic Science International</i> , 2015, 249, 47-51.	1.3	29
42	Identification and quantification of psychoactive drugs in whole blood using dried blood spot (DBS) by ultra-performance liquid chromatography tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 53-60.	1.4	29
43	Ultra-high-pressure liquid chromatography tandem mass spectrometry determination of antidepressant and anxiolytic drugs in neonatal meconium and maternal hair. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 118, 9-16.	1.4	28
44	Are False-Positive Phencyclidine Immunoassay Instant-View Multi-Test Results Caused by Overdose Concentrations of Ibuprofen, Metamizol, and Dextromethorphan?. <i>Therapeutic Drug Monitoring</i> , 2007, 29, 671-673.	1.0	27
45	Development and validation of a liquid chromatography–mass spectrometry assay for hair analysis of methylphenidate. <i>Forensic Science International</i> , 2008, 176, 42-46.	1.3	27
46	Correlation Between Methylphenidate and Ritalinic Acid Concentrations in Oral Fluid and Plasma. <i>Clinical Chemistry</i> , 2010, 56, 585-592.	1.5	27
47	Maternal hair testing to disclose self-misreporting in drinking and smoking behavior during pregnancy. <i>Alcohol</i> , 2018, 67, 1-6.	0.8	27
48	Development and validation of a liquid chromatography–tandem mass spectrometry assay for hair analysis of atomoxetine and its metabolites: Application in clinical practice. <i>Forensic Science International</i> , 2012, 218, 62-67.	1.3	24
49	Application of a validated high-performance liquid chromatography–mass spectrometry assay to the analysis of - and -hydroxybenzoylecgonine in meconium. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 820, 151-156.	1.2	23
50	Determination of arecoline (areca nut alkaloid) and nicotine in hair by high-performance liquid chromatography/electrospray quadrupole mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3416-3418.	0.7	23
51	Ultrasensitive detection of nicotine and cotinine in teeth by high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 2609-2612.	0.7	23
52	Rapid extraction, identification and quantification of drugs of abuse in hair by immunoassay and ultra-performance liquid chromatography tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 679-86.	1.4	23
53	Intoxication caused by new psychostimulants: analytical methods to disclose acute and chronic use of benzofurans and ethylphenidate. <i>International Journal of Legal Medicine</i> , 2017, 131, 1543-1553.	1.2	23
54	Chemsex intoxication involving sildenafil as an adulterant of GHB. <i>Drug Testing and Analysis</i> , 2017, 9, 956-959.	1.6	22

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55	Determination of atomoxetine and its metabolites in conventional and non-conventional biological matrices by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 60, 26-31.	1.4	21
56	Stability of cannabinoids in cannabis FM1 flowering tops and oil preparation evaluated by ultra-high performance liquid chromatography tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, e165-e168.	1.4	19
57	Ultra-High Performance Liquid Chromatography-High Resolution Mass Spectrometry and High-Sensitivity Gas Chromatography-Mass Spectrometry Screening of Classic Drugs and New Psychoactive Substances and Metabolites in Urine of Consumers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4000.	1.8	19
58	Advances in the analysis of non-allowed pharmacologically active substances in cosmetic products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 842-847.	1.4	18
59	Breast Milk and Hair Testing to Detect Illegal Drugs, Nicotine, and Caffeine in Donors to a Human Milk Bank. <i>Journal of Human Lactation</i> , 2016, 32, 542-545.	0.8	18
60	Análisis segmentario del pelo para detectar la exposición crónica a drogas psicoactivas. <i>Revista De Psicología De La Salud</i> , 2016, 28, 158.	0.2	17
61	Drugs of abuse in maternal hair and paired neonatal meconium: an objective assessment of foetal exposure to gestational consumption. <i>Drug Testing and Analysis</i> , 2016, 8, 864-868.	1.6	16
62	Usefulness of Sweat Testing for the Detection of Methylphenidate After Fast- and Extended-Release Drug Administration: A Pilot Study. <i>Therapeutic Drug Monitoring</i> , 2010, 32, 508-511.	1.0	15
63	Hair and urine testing to assess drugs of abuse consumption in couples undergoing assisted reproductive technology (ART). <i>Forensic Science International</i> , 2012, 218, 57-61.	1.3	15
64	Stability and Degradation Pathways of Different Psychoactive Drugs in Neat and in Buffered Oral Fluid. <i>Journal of Analytical Toxicology</i> , 2020, 44, 570-579.	1.7	15
65	Concentrations of atomoxetine and its metabolites in plasma and oral fluid from paediatric patients with attention deficit/hyperactivity disorder. <i>Drug Testing and Analysis</i> , 2013, 5, 446-452.	1.6	14
66	Assessment of Unsuspected Exposure to Drugs of Abuse in Children from a Mediterranean City by Hair Testing. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 2288-2298.	1.2	14
67	UHPLC-HRMS and GC-MS Screening of a Selection of Synthetic Cannabinoids and Metabolites in Urine of Consumers. <i>Medicina (Lithuania)</i> , 2020, 56, 408.	0.8	13
68	Determination of the Synthetic Cannabinoids JWH-122, JWH-210, UR-144 in Oral Fluid of Consumers by GC-MS and Quantification of Parent Compounds and Metabolites by UHPLC-MS/MS. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9414.	1.8	12
69	Sweat testing for the detection of atomoxetine from paediatric patients with attention deficit/hyperactivity disorder: application to clinical practice. <i>Drug Testing and Analysis</i> , 2013, 5, 191-195.	1.6	11
70	Magic truffles or Philosopher's stones: a legal way to sell psilocybin?. <i>Drug Testing and Analysis</i> , 2013, 5, 182-185.	1.6	11
71	Assay of \hat{I}^3 -glutamylcysteine synthetase activity in <i>Plasmodium berghei</i> by liquid chromatography with electrochemical detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 25, 759-765.	1.4	9
72	Assessment of licit and illicit drugs consumption during pregnancy by Ultra-High Performance Liquid Chromatography-High Resolution Mass Spectrometry (UHPLC-HRMS) target screening in Mexican women hair. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 211, 114607.	1.4	9

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73	Measurement of iodide and caffeine content in cellulite reduction cosmetic products sold in the European market. <i>Analytical Methods</i> , 2013, 5, 376-383.	1.3	8
74	High Performance Liquid Chromatography Tandem Mass Spectrometry Measurement of Bimatoprost, Latanoprost and Travoprost in Eyelash Enhancing Cosmetic Serums. <i>Cosmetics</i> , 2016, 3, 4.	1.5	8
75	Nonnucleoside Reverse Transcriptase Inhibitor Concentrations During Treatment Interruptions and the Emergence of Resistance: A Substudy of the ISS-PART Trial. <i>AIDS Research and Human Retroviruses</i> , 2010, 26, 541-545.	0.5	7
76	Is "light cannabis" really light? Determination of cannabinoids content in commercial products. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, e175-e177.	1.4	7
77	Prevalence of Licit and Illicit Drugs Use during Pregnancy in Mexican Women. <i>Pharmaceuticals</i> , 2022, 15, 382.	1.7	7
78	SIMULTANEOUS LIQUID CHROMATOGRAPHIC DETERMINATION OF INDINAVIR, SAQUINAVIR, AND RITONAVIR IN HUMAN PLASMA WITH COMBINED ULTRAVIOLET ABSORBANCE AND ELECTROCHEMICAL DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 2325-2336.	0.5	6
79	The importance of biomarkers of fetal exposure to alcohol and psychotropic drugs in early diagnosis: A case report. <i>Drug Testing and Analysis</i> , 2018, 10, 895-898.	1.6	5
80	Novel fast ultra-performance liquid chromatography-tandem mass spectrometry (UHPLC-MS/MS) and extraction of ethylglucuronide in meconium samples. <i>Drug Testing and Analysis</i> , 2019, 11, 1471-1475.	1.6	5
81	Role of Neonatal Biomarkers of Exposure to Psychoactive Substances to Identify Maternal Socio-Demographic Determinants. <i>Biology</i> , 2021, 10, 296.	1.3	3
82	Systematic toxicological analysis of Indian herbal ready-to-chew pouches by gas chromatography mass spectrometry. <i>Toxicologie Analytique Et Clinique</i> , 2011, 23, 205-210.	0.1	3
83	Analytical Strategies to Disclose Repeated Consumption of New Psychoactive Substances by Hair Analysis. <i>Current Pharmaceutical Biotechnology</i> , 2018, 18, 834-839.	0.9	3
84	New Synthetic Opioids Use among Patients in Treatment for an Opioid Use Disorder in Barcelona. <i>European Addiction Research</i> , 2022, 28, 323-330.	1.3	3
85	Clinical features and risk factors associated with prenatal exposure to drugs of abuse. <i>Anales De Pediatria (English Edition)</i> , 2021, 95, 307-320.	0.1	2
86	New Psychoactive Substances Consumption in Opioid-Use Disorder Patients. <i>Biology</i> , 2022, 11, 645.	1.3	2
87	Morphological Analysis of the Interaction of Charged Surfactant Vesicles (SVs) with Human Cultured Cells. <i>Biotechnic and Histochemistry</i> , 1999, 74, 77-84.	0.7	1