

Manuela Pellegrini

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74
papers

2,083
citations

28
h-index

43
g-index

74
ext. papers

2,349
ext. citations

4.4
avg, IF

4.22
L-index

#	Paper	IF	Citations
74	Autophosphorylation at serine 1987 is dispensable for murine Atm activation in vivo. <i>Nature</i> , 2006 , 443, 222-5	50.4	169
73	Gamma-hydroxybutyrate (GHB) in humans: pharmacodynamics and pharmacokinetics. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1074, 559-76	6.5	90
72	Multiple autophosphorylation sites are dispensable for murine ATM activation in vivo. <i>Journal of Cell Biology</i> , 2008 , 183, 777-83	7.3	83
71	Loss of ATM kinase activity leads to embryonic lethality in mice. <i>Journal of Cell Biology</i> , 2012 , 198, 295-304	7.4	80
70	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	2.6	80
69	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, 2693-703	2.2	74
68	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, 309-16	3.5	72
67	Acute intoxication caused by synthetic cannabinoids 5F-ADB and MMB-2201: A case series. <i>Forensic Science International</i> , 2017 , 273, e10-e14	2.6	68
66	Disposition of gamma-hydroxybutyric acid in conventional and nonconventional biologic fluids after single drug administration: issues in methodology and drug monitoring. <i>Therapeutic Drug Monitoring</i> , 2007 , 29, 64-70	3.2	57
65	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, 2124-32	7.8	54
64	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, 939-46	3.5	54
63	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, 362-9	3.5	52
62	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, 927-33	3.5	51
61	Hair analysis for nicotine and cotinine: evaluation of extraction procedures, hair treatments, and development of reference material. <i>Forensic Science International</i> , 1997 , 84, 243-52	2.6	50
60	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, 281-92	3.2	49
59	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, 335-42	3.5	47
58	Rapid screening method for determination of Ecstasy and amphetamines in urine samples using gas chromatography-chemical ionisation mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002 , 769, 243-51	3.2	42

57	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, 434-9	3.5	36
56	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, 641-8	3.5	36
55	Prenatal exposure to arecoline (areca nut alkaloid) and birth outcomes. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2005 , 90, F276-7	4.7	36
54	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, 725-32	3.2	35
53	Maternal hair testing for the assessment of fetal exposure to drug of abuse during early pregnancy: Comparison with testing in placental and fetal remains. <i>Forensic Science International</i> , 2012 , 218, 92-6	2.6	34
52	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	3.5	33
51	Quantification of Delta9-tetrahydrocannabinol and its major metabolites in meconium by gas chromatographic-mass spectrometric assay: assay validation and preliminary results of the "meconium project". <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 700-6	3.2	29
50	The role of liquid chromatography-mass spectrometry in the determination of heroin and related opioids in biological fluids. <i>Mass Spectrometry Reviews</i> , 1999 , 18, 119-30	11	29
49	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, 1958-64	2.2	28
48	Determination of opiates and cocaine in hair as trimethylsilyl derivatives using gas chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , 1999 , 23, 343-8	2.9	28
47	Recent Trends in Analytical Methods to Determine New Psychoactive Substances in Hair. <i>Current Neuropharmacology</i> , 2017 , 15, 663-681	7.6	28
46	ATM kinase activity modulates ITCH E3-ubiquitin ligase activity. <i>Oncogene</i> , 2014 , 33, 1113-23	9.2	27
45	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	2.6	26
44	Unsuspected exposure to cocaine in preschool children from a Mediterranean city detected by hair analysis. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 391-5	3.2	26
43	Correlation between Blood and Oral Fluid Psychoactive Drug Concentrations and Cognitive Impairment in Driving under the Influence of Drugs. <i>Current Neuropharmacology</i> , 2018 , 16, 84-96	7.6	25
42	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, 383-7	3.5	25
41	Successful Nicotine Intake in Medical Assisted Use of E-Cigarettes: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 7638-46	4.6	24
40	Stereoselective Determination of Fluoxetine and Norfluoxetine Enantiomers in Plasma Samples by High-Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996 , 19, 1927-1935	1.3	24

39	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, 662-8	3.5	24
38	Correlation between methylphenidate and ritalinic acid concentrations in oral fluid and plasma. <i>Clinical Chemistry</i> , 2010 , 56, 585-92	5.5	22
37	Exposure to psychoactive substances in women who request voluntary termination of pregnancy assessed by serum and hair testing. <i>Forensic Science International</i> , 2010 , 196, 22-6	2.6	22
36	Confirmation of gestational exposure to alprazolam by analysis of biological matrices in a newborn with neonatal sepsis. <i>Clinical Toxicology</i> , 2007 , 45, 295-8	2.9	22
35	3,4-methylenedioxyamphetamine (MDMA) intoxication in an infant chronically exposed to cocaine. <i>Therapeutic Drug Monitoring</i> , 2005 , 27, 409-11	3.2	22
34	Pharmacokinetics of methylphenidate in oral fluid and sweat of a pediatric subject. <i>Forensic Science International</i> , 2010 , 196, 59-63	2.6	21
33	Development and validation of a liquid chromatography-mass spectrometry assay for hair analysis of methylphenidate. <i>Forensic Science International</i> , 2008 , 176, 42-6	2.6	20
32	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	5.9	19
31	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, 1468-72	2.5	19
30	Application of a validated high-performance liquid chromatography-mass spectrometry assay to the analysis of m- and p-hydroxybenzoylecgonine in meconium. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 820, 151-6	3.2	18
29	Advances in the analysis of non-allowed pharmacologically active substances in cosmetic products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 842-7	3.5	17
28	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, 2288-98	4.6	12
27	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	2.6	12
26	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, 508-11	3.2	11
25	A simple toxicological analysis of anabolic steroid preparations from the black market. <i>Toxicologie Analytique Et Clinique</i> , 2012 , 24, 67-72	0.4	11
24	Alimemazine poisoning as evidence of Munchausen syndrome by proxy: A pediatric case report. <i>Forensic Science International</i> , 2016 , 266, e18-e22	2.6	9
23	Magic truffles or Philosopher's stones: a legal way to sell psilocybin?. <i>Drug Testing and Analysis</i> , 2013 , 5, 182-5	3.5	9
22	Assessment of exposure to environmental tobacco smoke in young adolescents following implementation of smoke-free policy in Italy. <i>Forensic Science International</i> , 2010 , 196, 97-100	2.6	9

21	UHPLC-HRMS and GC-MS Screening of a Selection of Synthetic Cannabinoids and Metabolites in Urine of Consumers. <i>Medicina (Lithuania)</i> , 2020 , 56,	3.1	8
20	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, 541-5	1.6	7
19	Issues in methodology and applications for therapeutic drug monitoring of fluoxetine and norfluoxetine enantiomers. <i>Therapeutic Drug Monitoring</i> , 1998 , 20, 20-4	3.2	7
18	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,	6.3	7
17	Atm reactivation reverses ataxia telangiectasia phenotypes in vivo. <i>Cell Death and Disease</i> , 2018 , 9, 314	9.8	6
16	Simple and rapid analysis of methyl dibromo glutaronitrile in cosmetic products by gas chromatography mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 56, 1112-6	3.5	6
15	TDM grand rounds: neonatal nicotine withdrawal syndrome in an infant prenatally and postnatally exposed to heavy cigarette smoke. <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 585-8	3.2	6
14	DETERMINATION OF FAT-SOLUBLE NUTRIENTS IN SERUM BY LIQUID CHROMATOGRAPHY AND MULTIWAVELENGTH DETECTION. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002 , 25, 781-786	1.3	5
13	ANALYSIS OF OPIATES IN HUMAN HAIR BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999 , 22, 873-884	1.3	5
12	Atrophy, oxidative switching and ultrastructural defects in skeletal muscle of the ataxia telangiectasia mouse model. <i>Journal of Cell Science</i> , 2019 , 132,	5.3	4
11	Bone Marrow Transplantation as Therapy for Ataxia-Telangiectasia: A Systematic Review. <i>Cancers</i> , 2020 , 12,	6.6	4
10	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,	6.3	4
9	Acute Pharmacological Effects and Oral Fluid Biomarkers of the Synthetic Cannabinoid UR-144 and THC in Recreational Users. <i>Biology</i> , 2021 , 10,	4.9	4
8	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	0.4	3
7	Myocardial bridging and ecstasy: A fatal combination involving a 22-year-old male. <i>International Journal of Cardiology</i> , 2016 , 220, 835-6	3.2	3
6	Hair Testing for Classic Drugs of Abuse to Monitor Cocaine Use Disorder in Patients Following Transcranial Magnetic Stimulation Protocol Treatment. <i>Biology</i> , 2021 , 10,	4.9	2
5	Ultra-Performance Liquid Chromatography Tandem Mass Spectrometry Measurement of Caffeine in Caffeine-Laced Pants and in Urine and Skin of a Pants User. <i>Cosmetics</i> , 2014 , 1, 82-93	2.7	1
4	New Synthetic Opioids Use among Patients in Treatment for an Opioid Use Disorder in Barcelona.. <i>European Addiction Research</i> , 2022 , 1-8	4.6	1

3	Postmortem Analysis of Benzodiazepines in Human Bone by Gas Chromatography-Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2021 , 44, 985-992	2.9	o
2	Acute Pharmacological Effects and Oral Fluid Concentrations of the Synthetic Cannabinoids JWH-122 and JWH-210 in Humans After Self-Administration: An Observational Study. <i>Frontiers in Pharmacology</i> , 2021 , 12, 705643	5.6	o
1	New Psychoactive Substances Consumption in Opioid-Use Disorder Patients. <i>Biology</i> , 2022 , 11, 645	4.9	o