Manuela Pellegrini

List of Publications by Year
in descending order

74	2,559	147801	206112
papers	citations	31 h-index	48 g-index

74	74	74	2441
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autophosphorylation at serine 1987 is dispensable for murine Atm activation in vivo. Nature, 2006, 443, 222-225.	27.8	187
2	Â-Hydroxybutyrate (GHB) in Humans: Pharmacodynamics and Pharmacokinetics. Annals of the New York Academy of Sciences, 2006, 1074, 559-576.	3.8	108
3	Multiple autophosphorylation sites are dispensable for murine ATM activation in vivo. Journal of Cell Biology, 2008, 183, 777-783.	5.2	100
4	Loss of ATM kinase activity leads to embryonic lethality in mice. Journal of Cell Biology, 2012, 198, 295-304.	5.2	94
5	Assessment of exposure to opiates and cocaine during pregnancy in a Mediterranean city: Preliminary results of the â€œMeconium Projectâ€• Forensic Science International, 2005, 153, 59-65.	2.2	93
6	Simultaneous analysis of frequently used licit and illicit psychoactive drugs in breast milk by liquid chromatography tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 309-316.	2.8	86
7	Liquid chromatography/electrospray ionization tandem mass spectrometry assay for determination of nicotine and metabolites, caffeine and arecoline in breast milk. Rapid Communications in Mass Spectrometry, 2007, 21, 2693-2703.	1.5	82
8	Acute intoxication caused by synthetic cannabinoids 5F-ADB and MMB-2201: A case series. Forensic Science International, 2017, 273, e10-e14.	2.2	82
9	A rapid and simple procedure for the determination of cannabinoids in hemp food products by gas chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2005, 36, 939-946.	2.8	63
10	Disposition of Gamma-Hydroxybutyric Acid in Conventional and Nonconventional Biologic Fluids After Single Drug Administration: Issues in Methodology and Drug Monitoring. Therapeutic Drug Monitoring, 2007, 29, 64-70.	2.0	63
11	Development and Validation of a High-Performance Liquid Chromatographyâ˜Mass Spectrometry Assay for Determination of Amphetamine, Methamphetamine, and Methylenedioxy Derivatives in Meconium. Analytical Chemistry, 2004, 76, 2124-2132.	6.5	62
12	Development and validation of a liquid chromatographyâ€“mass spectrometry assay for the determination of opiates and cocaine in meconium. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 794, 281-292.	2.3	60
13	Hair analysis for nicotine and cotinine: evaluation of extraction procedures, hair treatments, and development of reference material. Forensic Science International, 1997, 84, 243-252.	2.2	59
14	Liquid chromatographyâ€“tandem mass spectrometry for fatty acid ethyl esters in meconium: Assessment of prenatal exposure to alcohol in two European cohorts. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 927-933.	2.8	56
15	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. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 362-369.	2.8	56
16	Liquid chromatographyâ€“atmospheric pressure ionization electrospray mass spectrometry determination of â€œhallucinogenic designer drugsâ€•in urine of consumers. Journal of Pharmaceutical and Biomedical Analysis, 2008, 47, 335-342.	2.8	53
17	Rapid screening method for determination of Ecstasy and amphetamines in urine samples using gas chromatographyâ€“chemical ionisation mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 769, 243-251.	2.3	50
18	Prenatal exposure to arecoline (areca nut alkaloid) and birth outcomes. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2005, 90, F276-f277.	2.8	47

#	Article	IF	Citations
19	High-performance liquid chromatographyâ€“diode array and electrospray-mass spectrometry analysis of non-allowed substances in cosmetic products for preventing hair loss and other hormone-dependent skin diseases. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 641-648.	2.8	43
20	Development and validation of a high-performance liquid chromatographyâ€“mass spectrometry assay for methylxanthines and taurine in dietary supplements. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 499-507.	2.8	42
21	Maternal hair testing for the assessment of fetal exposure to drug of abuse during early pregnancy: Comparison with testing in placental and fetal remains. Forensic Science International, 2012, 218, 92-96.	2.2	42
22	Liquid Chromatography With Tandem Mass Spectrometric Detection for the Measurement of Ethyl Glucuronide and Ethyl Sulfate in Meconium: New Biomarkers of Gestational Ethanol Exposure?. Therapeutic Drug Monitoring, 2008, 30, 725-732.	2.0	39
23	Liquid chromatographyâ€“electrospray ionization mass spectrometry determination of methylphenidate and ritalinic acid in conventional and non-conventional biological matrices. Journal of Pharmaceutical and Biomedical Analysis, 2009, 49, 434-439.	2.8	39
24	Correlation between Blood and Oral Fluid Psychoactive Drug Concentrations and Cognitive Impairment in Driving under the Influence of Drugs. Current Neuropharmacology, 2017, 16, 84-96.	2.9	39
25	The role of liquid chromatography-mass spectrometry in the determination of heroin and related opioids in biological fluids. , 1999, 18, 119-130.		37
26	Quantification of Î”9-tetrahydrocannabinol and its Major Metabolites in Meconium by Gas Chromatographic-mass Spectrometric Assay: Assay Validation and Preliminary Results of the â€œMeconium Projectâ€• Therapeutic Drug Monitoring, 2006, 28, 700-706.	2.0	37
27	Quantification of arecoline (areca nut alkaloid) in neonatal biological matrices by high-performance liquid chromatography/electrospray quadrupole mass spectrometry. Rapid Communications in Mass Spectrometry, 2003, 17, 1958-1964.	1.5	36
28	Recent Trends in Analytical Methods to Determine New Psychoactive Substances in Hair. Current Neuropharmacology, 2017, 15, 663-681.	2.9	36
29	3,4-Methylenedioxymethamphetamine (MDMA) Intoxication in an Infant Chronically Exposed to Cocaine. Therapeutic Drug Monitoring, 2005, 27, 409-411.	2.0	34
30	On-site screening and GCâ€“MS analysis of cocaine and heroin metabolites in body-packers urine. Journal of Pharmaceutical and Biomedical Analysis, 2008, 48, 383-387.	2.8	34
31	Unsuspected Exposure to Cocaine in Preschool Children From a Mediterranean City Detected by Hair Analysis. Therapeutic Drug Monitoring, 2009, 31, 391-395.	2.0	34
32	A rapid and simple procedure for the determination of synephrine in dietary supplements by gas chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 1468-1472.	2.8	33
33	Determination of Opiates and Cocaine in Hair as Trimethylsilyl Derivatives Using Gas Chromatography-Tandem Mass Spectrometry. Journal of Analytical Toxicology, 1999, 23, 343-348.	2.8	32
34	ATM kinase activity modulates ITCH E3-ubiquitin ligase activity. Oncogene, 2014, 33, 1113-1123.	5.9	32
35	Stereoselective Determination of Fluoxetine and Norfluoxetine Enantiomers in Plasma Samples by High-Performance Liquid Chromatography. Journal of Liquid Chromatography and Related Technologies, 1996, 19, 1927-1935.	1.0	31
36	Development and validation of a gas chromatographyâ€“mass spectrometry assay for opiates and cocaine in human teeth. Journal of Pharmaceutical and Biomedical Analysis, 2006, 40, 662-668.	2.8	31

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37	Successful Nicotine Intake in Medical Assisted Use of E-Cigarettes: A Pilot Study. International Journal of Environmental Research and Public Health, 2015, 12, 7638-7646.	2.6	31
38	Pharmacokinetics of methylphenidate in oral fluid and sweat of a pediatric subject. Forensic Science International, 2010, 196, 59-63.	2.2	29
39	Identification and quantification of 11-nor-Î”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. Forensic Science International, 2015, 249, 47-51.	2.2	29
40	Development and validation of a liquid chromatographyâ€“mass spectrometry assay for hair analysis of methylphenidate. Forensic Science International, 2008, 176, 42-46.	2.2	27
41	Correlation Between Methylphenidate and Ritalinic Acid Concentrations in Oral Fluid and Plasma. Clinical Chemistry, 2010, 56, 585-592.	3.2	27
42	Confirmation of gestational exposure to alprazolam by analysis of biological matrices in a newborn with neonatal sepsis. Clinical Toxicology, 2007, 45, 295-298.	1.9	25
43	Exposure to psychoactive substances in women who request voluntary termination of pregnancy assessed by serum and hair testing. Forensic Science International, 2010, 196, 22-26.	2.2	25
44	Application of a validated high-performance liquid chromatographyâ€“mass spectrometry assay to the analysis of - and -hydroxybenzoylecgonine in meconium. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 820, 151-156.	2.3	23
45	Rapid extraction, identification and quantification of drugs of abuse in hair by immunoassay and ultra-performance liquid chromatography tandem mass spectrometry. Clinical Chemistry and Laboratory Medicine, 2014, 52, 679-86.	2.3	23
46	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. International Journal of Molecular Sciences, 2021, 22, 4000.	4.1	19
47	Advances in the analysis of non-allowed pharmacologically active substances in cosmetic products. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 842-847.	2.8	18
48	Usefulness of Sweat Testing for the Detection of Methylphenidate After Fast- and Extended-Release Drug Administration: A Pilot Study. Therapeutic Drug Monitoring, 2010, 32, 508-511.	2.0	15
49	Hair and urine testing to assess drugs of abuse consumption in couples undergoing assisted reproductive technology (ART). Forensic Science International, 2012, 218, 57-61.	2.2	15
50	Assessment of Unsuspected Exposure to Drugs of Abuse in Children from a Mediterranean City by Hair Testing. International Journal of Environmental Research and Public Health, 2014, 11, 2288-2298.	2.6	14
51	TDM Grand Rounds: Neonatal Nicotine Withdrawal Syndrome in an Infant Prenatally and Postnatally Exposed to Heavy Cigarette Smoke. Therapeutic Drug Monitoring, 2006, 28, 585-588.	2.0	13
52	Assessment of exposure to environmental tobacco smoke in young adolescents following implementation of smoke-free policy in Italy. Forensic Science International, 2010, 196, 97-100.	2.2	13
53	UHPLC-HRMS and GC-MS Screening of a Selection of Synthetic Cannabinoids and Metabolites in Urine of Consumers. Medicina (Lithuania), 2020, 56, 408.	2.0	13
54	A simple toxicological analysis of anabolic steroid preparations from the black market. Toxicologie Analytique Et Clinique, 2012, 24, 67-72.	0.1	13

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55	Alimemazine poisoning as evidence of Munchausen syndrome by proxy: A pediatric case report. Forensic Science International, 2016, 266, e18-e22.	2.2	12
56	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. International Journal of Molecular Sciences, 2020, 21, 9414.	4.1	12
57	Bone Marrow Transplantation as Therapy for Ataxia-Telangiectasia: A Systematic Review. Cancers, 2020, 12, 3207.	3.7	12
58	Magic truffles or Philosopher's stones: a legal way to sell psilocybin?. Drug Testing and Analysis, 2013, 5, 182-185.	2.6	11
59	Acute Pharmacological Effects and Oral Fluid Biomarkers of the Synthetic Cannabinoid UR-144 and THC in Recreational Users. Biology, 2021, 10, 257.	2.8	10
60	Atm reactivation reverses ataxia telangiectasia phenotypes in vivo. Cell Death and Disease, 2018, 9, 314.	6.3	9
61	Atrophy, oxidative switching and ultrastructural defects in skeletal muscle of Ataxia Telangiectasia mouse model. Journal of Cell Science, 2019, 132, .	2.0	9
62	Issues in Methodology and Applications for Therapeutic Drug Monitoring of Fluoxetine and Norfluoxetine Enantiomers. Therapeutic Drug Monitoring, 1998, 20, 20-24.	2.0	9
63	Acute Pharmacological Effects and Oral Fluid Concentrations of the Synthetic Cannabinoids JWH-122 and JWH-210 in Humans After Self-Administration: An Observational Study. Frontiers in Pharmacology, 2021, 12, 705643.	3.5	8
64	Nonnucleoside Reverse Transcriptase Inhibitor Concentrations During Treatment Interruptions and the Emergence of Resistance: A Substudy of the ISS-PART Trial. AIDS Research and Human Retroviruses, 2010, 26, 541-545.	1.1	7
65	Simple and rapid analysis of methyldibromo glutaronitrile in cosmetic products by gas chromatography mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 1112-6.	2.8	6
66	ANALYSIS OF OPIATES IN HUMAN HAIR BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 1999, 22, 873-884.	1.0	5
67	DETERMINATION OF FAT-SOLUBLE NUTRIENTS IN SERUM BY LIQUID CHROMATOGRAPHY AND MULTIWAVELENGTH DETECTION. Journal of Liquid Chromatography and Related Technologies, 2002, 25, 781-786.	1.0	5
68	Hair Testing for Classic Drugs of Abuse to Monitor Cocaine Use Disorder in Patients Following Transcranial Magnetic Stimulation Protocol Treatment. Biology, 2021, 10, 403.	2.8	5
69	Myocardial bridging and ecstasy: A fatal combination involving a 22year-old male. International Journal of Cardiology, 2016, 220, 835-836.	1.7	3
70	Systematic toxicological analysis of Indian herbal ready-to-chew pouches by gas chromatography mass spectrometry. Toxicologie Analytique Et Clinique, 2011, 23, 205-210.	0.1	3
71	New Synthetic Opioids Use among Patients in Treatment for an Opioid Use Disorder in Barcelona. European Addiction Research, 2022, 28, 323-330.	2.4	3
72	Ultra-Performance Liquid Chromatography Tandem Mass Spectrometry Measurement of Caffeine in Caffeine-Laced Pants and in Urine and Skin of a Pants User. Cosmetics, 2014, 1, 82-93.	3.3	2

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73	Postmortem Analysis of Benzodiazepines in Human Bone by Gas Chromatographyâ€“Mass Spectrometry. Journal of Analytical Toxicology, 2021, 44, 985-992.	2.8	2
74	New Psychoactive Substances Consumption in Opioid-Use Disorder Patients. Biology, 2022, 11, 645.	2.8	2