

Manuela Pellegrini

List of Publications by Year in descending order

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74
papers

2,559
citations

147566

31
h-index

205818

48
g-index

74
all docs

74
docs citations

74
times ranked

2441
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophosphorylation at serine 1987 is dispensable for murine Atm activation in vivo. <i>Nature</i> , 2006, 443, 222-225.	13.7	187
2	Â-Hydroxybutyrate (GHB) in Humans: Pharmacodynamics and Pharmacokinetics. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 559-576.	1.8	108
3	Multiple autophosphorylation sites are dispensable for murine ATM activation in vivo. <i>Journal of Cell Biology</i> , 2008, 183, 777-783.	2.3	100
4	Loss of ATM kinase activity leads to embryonic lethality in mice. <i>Journal of Cell Biology</i> , 2012, 198, 295-304.	2.3	94
5	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
6	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
7	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
8	Acute intoxication caused by synthetic cannabinoids 5F-ADB and MMB-2201: A case series. <i>Forensic Science International</i> , 2017, 273, e10-e14.	1.3	82
9	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
10	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.	1.0	63
11	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
12	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
13	Hair analysis for nicotine and cotinine: evaluation of extraction procedures, hair treatments, and development of reference material. <i>Forensic Science International</i> , 1997, 84, 243-252.	1.3	59
14	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
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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 50, 362-369.	1.4	56
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	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, 243-251.	1.2	50
18	Prenatal exposure to arecoline (areca nut alkaloid) and birth outcomes. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2005, 90, F276-f277.	1.4	47

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19	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
20	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
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. <i>Forensic Science International</i> , 2012, 218, 92-96.	1.3	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?. <i>Therapeutic Drug Monitoring</i> , 2008, 30, 725-732.	1.0	39
23	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
24	Correlation between Blood and Oral Fluid Psychoactive Drug Concentrations and Cognitive Impairment in Driving under the Influence of Drugs. <i>Current Neuropharmacology</i> , 2017, 16, 84-96.	1.4	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 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	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
28	Recent Trends in Analytical Methods to Determine New Psychoactive Substances in Hair. <i>Current Neuropharmacology</i> , 2017, 15, 663-681.	1.4	36
29	3,4-Methylenedioxymethamphetamine (MDMA) Intoxication in an Infant Chronically Exposed to Cocaine. <i>Therapeutic Drug Monitoring</i> , 2005, 27, 409-411.	1.0	34
30	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
31	Unsuspected Exposure to Cocaine in Preschool Children From a Mediterranean City Detected by Hair Analysis. <i>Therapeutic Drug Monitoring</i> , 2009, 31, 391-395.	1.0	34
32	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
33	Determination of Opiates and Cocaine in Hair as Trimethylsilyl Derivatives Using Gas Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 1999, 23, 343-348.	1.7	32
34	ATM kinase activity modulates ITCH E3-ubiquitin ligase activity. <i>Oncogene</i> , 2014, 33, 1113-1123.	2.6	32
35	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.	0.5	31
36	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

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37	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, 7638-7646.	1.2	31
38	Pharmacokinetics of methylphenidate in oral fluid and sweat of a pediatric subject. <i>Forensic Science International</i> , 2010, 196, 59-63.	1.3	29
39	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
40	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
41	Correlation Between Methylphenidate and Ritalinic Acid Concentrations in Oral Fluid and Plasma. <i>Clinical Chemistry</i> , 2010, 56, 585-592.	1.5	27
42	Confirmation of gestational exposure to alprazolam by analysis of biological matrices in a newborn with neonatal sepsis. <i>Clinical Toxicology</i> , 2007, 45, 295-298.	0.8	25
43	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, 22-26.	1.3	25
44	Application of a validated high-performance liquid chromatography-mass spectrometry assay to the analysis of - and -hydroxybenzoyllecgonine in meconium. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 820, 151-156.	1.2	23
45	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
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. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4000.	1.8	19
47	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
48	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
49	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
50	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
51	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, 585-588.	1.0	13
52	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.	1.3	13
53	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
54	A simple toxicological analysis of anabolic steroid preparations from the black market. <i>Toxicologie Analytique Et Clinique</i> , 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. <i>Forensic Science International</i> , 2016, 266, e18-e22.	1.3	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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9414.	1.8	12
57	Bone Marrow Transplantation as Therapy for Ataxia-Telangiectasia: A Systematic Review. <i>Cancers</i> , 2020, 12, 3207.	1.7	12
58	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
59	Acute Pharmacological Effects and Oral Fluid Biomarkers of the Synthetic Cannabinoid UR-144 and THC in Recreational Users. <i>Biology</i> , 2021, 10, 257.	1.3	10
60	Atm reactivation reverses ataxia telangiectasia phenotypes in vivo. <i>Cell Death and Disease</i> , 2018, 9, 314.	2.7	9
61	Atrophy, oxidative switching and ultrastructural defects in skeletal muscle of Ataxia Telangiectasia mouse model. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	9
62	Issues in Methodology and Applications for Therapeutic Drug Monitoring of Fluoxetine and Norfluoxetine Enantiomers. <i>Therapeutic Drug Monitoring</i> , 1998, 20, 20-24.	1.0	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. <i>Frontiers in Pharmacology</i> , 2021, 12, 705643.	1.6	8
64	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
65	Simple and rapid analysis of methylidibromo glutaronitrile in cosmetic products by gas chromatography mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 1112-6.	1.4	6
66	ANALYSIS OF OPIATES IN HUMAN HAIR BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1999, 22, 873-884.	0.5	5
67	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.	0.5	5
68	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, 403.	1.3	5
69	Myocardial bridging and ecstasy: A fatal combination involving a 22year-old male. <i>International Journal of Cardiology</i> , 2016, 220, 835-836.	0.8	3
70	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
71	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
72	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.	1.5	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.	1.7	2
74	New Psychoactive Substances Consumption in Opioid-Use Disorder Patients. Biology, 2022, 11, 645.	1.3	2