

Manuela Pellegrini

List of Publications by Year in Descending Order

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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.

94
papers

3,151
citations

34
h-index

54
g-index

96
ext. papers

3,541
ext. citations

5.2
avg, IF

4.54
L-index

#	Paper	IF	Citations
94	Mapk activation drives male and female mouse teratocarcinomas from late PGCs.. <i>Journal of Cell Science</i> , 2022 ,	5.3	1
93	New Psychoactive Substances Consumption in Opioid-Use Disorder Patients. <i>Biology</i> , 2022 , 11, 645	4.9	0
92	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
91	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
90	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
89	TLQP-21 changes in response to a glucose load. <i>Tissue and Cell</i> , 2021 , 68, 101471	2.7	0
88	Cancer Response to Therapy-Induced Senescence: A Matter of Dose and Timing. <i>Cancers</i> , 2021 , 13,	6.6	8
87	Bone Marrow Transplantation as Therapy for Ataxia-Telangiectasia: A Systematic Review. <i>Cancers</i> , 2020 , 12,	6.6	4
86	PDE2A Is Indispensable for Mouse Liver Development and Hematopoiesis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
85	Turmeric (Curcuma longa L.) food supplements and hepatotoxicity: an integrated evaluation approach. <i>Annali Dell'istituto Superiore Di Sanita</i> , 2020 , 56, 462-469	1.6	3
84	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
83	Regulation of Kit Expression in Early Mouse Embryos and ES Cells. <i>Stem Cells</i> , 2019 , 37, 332-344	5.8	5
82	Atm reactivation reverses ataxia telangiectasia phenotypes in vivo. <i>Cell Death and Disease</i> , 2018 , 9, 314	9.8	6
81	Critical role of phosphodiesterase 2A in mouse congenital heart defects. <i>Cardiovascular Research</i> , 2018 , 114, 830-845	9.9	11
80	Identification of murine phosphodiesterase 5A isoforms and their functional characterization in HL-1 cardiac cell line. <i>Journal of Cellular Physiology</i> , 2018 , 233, 325-337	7	14
79	Stability of endogenous GHB in vitreous humor vs peripheral blood in dead bodies. <i>Forensic Science International</i> , 2017 , 274, 64-69	2.6	13
78	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

77	Model of Murine Ventricular Cardiac Tissue for Kinematic-Dynamic Studies of Electromagnetic and -Adrenergic Stimulation. <i>Journal of Healthcare Engineering</i> , 2017 , 2017, 4204085	3.7	1
76	Recent Trends in Analytical Methods to Determine New Psychoactive Substances in Hair. <i>Current Neuropharmacology</i> , 2017 , 15, 663-681	7.6	28
75	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
74	Activated c-Kit receptor in the heart promotes cardiac repair and regeneration after injury. <i>Cell Death and Disease</i> , 2016 , 7, e2317	9.8	24
73	β-Adrenergic response is counteracted by extremely-low-frequency pulsed electromagnetic fields in beating cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 98, 146-58	5.8	8
72	A surge of late-occurring meiotic double-strand breaks rescues synapsis abnormalities in spermatocytes of mice with hypomorphic expression of SPO11. <i>Chromosoma</i> , 2016 , 125, 189-203	2.8	12
71	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
70	Inhibition of type 5 phosphodiesterase counteracts β-adrenergic signalling in beating cardiomyocytes. <i>Cardiovascular Research</i> , 2015 , 106, 408-20	9.9	29
69	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
68	Chronic Inhibition of PDE5 Limits Pro-Inflammatory Monocyte-Macrophage Polarization in Streptozotocin-Induced Diabetic Mice. <i>PLoS ONE</i> , 2015 , 10, e0126580	3.7	34
67	Identification and quantification of 11-nor-Δ-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
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, 2288-98	4.6	12
65	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
64	Essential role of Sox2 for the establishment and maintenance of the germ cell line. <i>Stem Cells</i> , 2013 , 31, 1408-21	5.8	78
63	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
62	UV and genotoxic stress induce ATR relocalization in mouse spermatocytes. <i>International Journal of Developmental Biology</i> , 2013 , 57, 281-7	1.9	
61	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
60	Loss of ATM kinase activity leads to embryonic lethality in mice. <i>Journal of Cell Biology</i> , 2012 , 198, 295-304	3.4	80

59	SOHLH1 and SOHLH2 control Kit expression during postnatal male germ cell development. <i>Journal of Cell Science</i> , 2012 , 125, 1455-64	5.3	61
58	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
57	SOHLH1 and SOHLH2 control Kit expression during postnatal male germ cell development. <i>Development (Cambridge)</i> , 2012 , 139, e1106-e1106	6.6	
56	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}	3.5	6
55	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
54	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
53	A novel function of junctional adhesion molecule-C in mediating melanoma cell metastasis. <i>Cancer Research</i> , 2011 , 71, 4096-105	10.1	53
52	Targeted JAM-C deletion in germ cells by Spo11-controlled Cre recombinase. <i>Journal of Cell Science</i> , 2011 , 124, 91-9	5.3	18
51	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
50	Targeted JAM-C deletion in germ cells by Spo11-controlled Cre recombinase. <i>Development (Cambridge)</i> , 2011 , 138, e0208-e0208	6.6	
49	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
48	Correlation between methylphenidate and ritalinic acid concentrations in oral fluid and plasma. <i>Clinical Chemistry</i> , 2010 , 56, 585-92	5.5	22
47	Opposing effects of retinoic acid and FGF9 on Nanos2 expression and meiotic entry of mouse germ cells. <i>Journal of Cell Science</i> , 2010 , 123, 871-80	5.3	122
46	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
45	Microgravity promotes differentiation and meiotic entry of postnatal mouse male germ cells. <i>PLoS ONE</i> , 2010 , 5, e9064	3.7	21
44	Neurotoxic thioether adducts of 3,4-methylenedioxymethamphetamine identified in human urine after ecstasy ingestion. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1448-55	4	27
43	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
42	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

41	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
40	Expression of EGFL7 in primordial germ cells and in adult ovaries and testes. <i>Gene Expression Patterns</i> , 2008 , 8, 389-396	1.5	18
39	Potential role of Nanos3 in maintaining the undifferentiated spermatogonia population. <i>Developmental Biology</i> , 2008 , 313, 725-38	3.1	64
38	ATRA and KL promote differentiation toward the meiotic program of male germ cells. <i>Cell Cycle</i> , 2008 , 7, 3878-88	4.7	87
37	Multiple autophosphorylation sites are dispensable for murine ATM activation in vivo. <i>Journal of Cell Biology</i> , 2008 , 183, 777-83	7.3	83
36	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
35	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
34	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
33	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
32	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
31	RAD51C deficiency in mice results in early prophase I arrest in males and sister chromatid separation at metaphase II in females. <i>Journal of Cell Biology</i> , 2007 , 176, 581-92	7.3	96
30	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
29	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, 671-3	3.2	21
28	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
27	ATM prevents the persistence and propagation of chromosome breaks in lymphocytes. <i>Cell</i> , 2007 , 130, 63-75	56.2	154
26	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
25	Subcellular localization and regulation of type-1C and type-5 phosphodiesterases. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 341, 837-46	3.4	39
24	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

23	Autophosphorylation at serine 1987 is dispensable for murine Atm activation in vivo. <i>Nature</i> , 2006 , 443, 222-5	50.4	169
22	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
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, 1633-41	3.5	40
20	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	3.5	19
19	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
18	3,4-methylenedioxyamphetamine (MDMA) intoxication in an infant chronically exposed to cocaine. <i>Therapeutic Drug Monitoring</i> , 2005 , 27, 409-11	3.2	22
17	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
16	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
15	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
14	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, 1649-56	2.2	45
13	Analysis of the gene expression profile of mouse male meiotic germ cells. <i>Gene Expression Patterns</i> , 2004 , 4, 267-81	1.5	38
12	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
11	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
10	Developmental expression of BMP4/ALK3/SMAD5 signaling pathway in the mouse testis: a potential role of BMP4 in spermatogonia differentiation. <i>Journal of Cell Science</i> , 2003 , 116, 3363-72	5.3	169
9	Simultaneous determination of zidovudine and nevirapine in human plasma by RP-LC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 1081-8	3.5	23
8	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
7	Stem cell factor activates telomerase in mouse mitotic spermatogonia and in primordial germ cells. <i>Journal of Cell Science</i> , 2002 , 115, 1643-9	5.3	18
6	Structural and immunological similarities between high molecular weight zinc ion-dependent p-nitrophenylphosphatase and fructose-1,6-bisphosphate aldolase from bovine liver. <i>BBA - Proteins and Proteomics</i> , 2001 , 1546, 226-33		

5	Signaling through extracellular signal-regulated kinase is required for spermatogonial proliferative response to stem cell factor. <i>Journal of Biological Chemistry</i> , 2001 , 276, 40225-33	5.4	97
4	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
3	Low molecular weight acid phosphatase/phosphotyrosyl protein phosphatase in the developing chick brain: partial characterization and levels during development. <i>The Journal of Experimental Zoology</i> , 1999 , 284, 27-34		3
2	The analysis of nicotine in infants hair for measuring exposure to environmental tobacco smoke. <i>Forensic Science International</i> , 1997 , 84, 253-8	2.6	38
1	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