

Manuela Pellegrini

List of Publications by Citations

Source: <https://exaly.com/author-pdf/663821/manuela-pellegrini-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Autophosphorylation at serine 1987 is dispensable for murine Atm activation in vivo. <i>Nature</i> , 2006 , 443, 222-5	50.4	169
93	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
92	ATM prevents the persistence and propagation of chromosome breaks in lymphocytes. <i>Cell</i> , 2007 , 130, 63-75	56.2	154
91	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
90	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
89	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
88	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
87	ATRA and KL promote differentiation toward the meiotic program of male germ cells. <i>Cell Cycle</i> , 2008 , 7, 3878-88	4.7	87
86	Multiple autophosphorylation sites are dispensable for murine ATM activation in vivo. <i>Journal of Cell Biology</i> , 2008 , 183, 777-83	7.3	83
85	Loss of ATM kinase activity leads to embryonic lethality in mice. <i>Journal of Cell Biology</i> , 2012 , 198, 295-304	7.4	80
84	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
83	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
82	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
81	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
80	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
79	Potential role of Nanos3 in maintaining the undifferentiated spermatogonia population. <i>Developmental Biology</i> , 2008 , 313, 725-38	3.1	64
78	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

77	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
76	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
75	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
74	A novel function of junctional adhesion molecule-C in mediating melanoma cell metastasis. <i>Cancer Research</i> , 2011 , 71, 4096-105	10.1	53
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	Analysis of the gene expression profile of mouse male meiotic germ cells. <i>Gene Expression Patterns</i> , 2004 , 4, 267-81	1.5	38
64	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
63	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
62	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
61	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
60	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

59	Inhibition of type 5 phosphodiesterase counteracts β -adrenergic signalling in beating cardiomyocytes. <i>Cardiovascular Research</i> , 2015 , 106, 408-20	9.9	29
58	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
57	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
56	Recent Trends in Analytical Methods to Determine New Psychoactive Substances in Hair. <i>Current Neuropharmacology</i> , 2017 , 15, 663-681	7.6	28
55	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
54	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
53	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
52	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
51	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
50	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
49	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
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	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
46	3,4-methylenedioxymethamphetamine (MDMA) intoxication in an infant chronically exposed to cocaine. <i>Therapeutic Drug Monitoring</i> , 2005 , 27, 409-11	3.2	22
45	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
44	Microgravity promotes differentiation and meiotic entry of postnatal mouse male germ cells. <i>PLoS ONE</i> , 2010 , 5, e9064	3.7	21
43	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
42	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 ⁵	3.5	19

41	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
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	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
38	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
37	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
36	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
35	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
34	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
33	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
32	Critical role of phosphodiesterase 2A in mouse congenital heart defects. <i>Cardiovascular Research</i> , 2018 , 114, 830-845	9.9	11
31	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
30	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
29	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
28	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
27	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
26	Cancer Response to Therapy-Induced Senescence: A Matter of Dose and Timing. <i>Cancers</i> , 2021 , 13,	6.6	8
25	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
24	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

23	Atm reactivation reverses ataxia telangiectasia phenotypes in vivo. <i>Cell Death and Disease</i> , 2018 , 9, 314	9.8	6
22	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	3.5	6
21	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
20	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
19	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
18	Regulation of Kit Expression in Early Mouse Embryos and ES Cells. <i>Stem Cells</i> , 2019 , 37, 332-344	5.8	5
17	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
16	Bone Marrow Transplantation as Therapy for Ataxia-Telangiectasia: A Systematic Review. <i>Cancers</i> , 2020 , 12,	6.6	4
15	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
14	PDE2A Is Indispensable for Mouse Liver Development and Hematopoiesis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
13	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
12	Turmeric (<i>Curcuma longa</i> L.) food supplements and hepatotoxicity: an integrated evaluation approach. <i>Annali Dell'istituto Superiore Di Sanita</i> , 2020 , 56, 462-469	1.6	3
11	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
10	Myocardial bridging and ecstasy: A fatal combination involving a 22year-old male. <i>International Journal of Cardiology</i> , 2016 , 220, 835-6	3.2	3
9	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
8	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
7	Mapk activation drives male and female mouse teratocarcinomas from late PGCs.. <i>Journal of Cell Science</i> , 2022 ,	5.3	1
6	TLQP-21 changes in response to a glucose load. <i>Tissue and Cell</i> , 2021 , 68, 101471	2.7	0

- 5 New Psychoactive Substances Consumption in Opioid-Use Disorder Patients. *Biology*, **2022**, 11, 645 4.9 ○
- 4 Structural and immunological similarities between high molecular weight zinc ion-dependent p-nitrophenylphosphatase and fructose-1,6-bisphosphate aldolase from bovine liver. *BBA - Proteins and Proteomics*, **2001**, 1546, 226-33
- 3 Targeted JAM-C deletion in germ cells by Spo11-controlled Cre recombinase. *Development (Cambridge)*, **2011**, 138, e0208-e0208 6.6
- 2 SOHLH1 and SOHLH2 control Kit expression during postnatal male germ cell development. *Development (Cambridge)*, **2012**, 139, e1106-e1106 6.6
- 1 UV and genotoxic stress induce ATR relocalization in mouse spermatocytes. *International Journal of Developmental Biology*, **2013**, 57, 281-7 1.9