

H Carmo

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5578404/h-carmo-publications-by-citations.pdf>

Version: 2024-04-27

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

2,940
citations

28
h-index

51
g-index

133
ext. papers

3,367
ext. citations

4.4
avg, IF

5.03
L-index

#	Paper	IF	Citations
94	Toxicity of amphetamines: an update. <i>Archives of Toxicology</i> , 2012 , 86, 1167-231	5.8	296
93	Paraquat exposure as an etiological factor of Parkinson's disease. <i>NeuroToxicology</i> , 2006 , 27, 1110-22	4.4	240
92	Molecular and cellular mechanisms of ecstasy-induced neurotoxicity: an overview. <i>Molecular Neurobiology</i> , 2009 , 39, 210-71	6.2	223
91	Modulation of P-glycoprotein efflux pump: induction and activation as a therapeutic strategy. <i>Pharmacology & Therapeutics</i> , 2015 , 149, 1-123	13.9	221
90	Piperazine compounds as drugs of abuse. <i>Drug and Alcohol Dependence</i> , 2012 , 122, 174-85	4.9	120
89	Short- and long-term distribution and toxicity of gold nanoparticles in the rat after a single-dose intravenous administration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 1757-66	6	88
88	Influence of the surface coating on the cytotoxicity, genotoxicity and uptake of gold nanoparticles in human HepG2 cells. <i>Journal of Applied Toxicology</i> , 2013 , 33, 1111-9	4.1	76
87	Toxicogenomics directory of chemically exposed human hepatocytes. <i>Archives of Toxicology</i> , 2014 , 88, 2261-87	5.8	74
86	Effect of surface coating on the biodistribution profile of gold nanoparticles in the rat. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 80, 185-93	5.7	73
85	Cellular Models and In Vitro Assays for the Screening of modulators of P-gp, MRP1 and BCRP. <i>Molecules</i> , 2017 , 22,	4.8	70
84	Metabolic pathways of 4-bromo-2,5-dimethoxyphenethylamine (2C-B): analysis of phase I metabolism with hepatocytes of six species including human. <i>Toxicology</i> , 2005 , 206, 75-89	4.4	65
83	GC determination of acetone, acetaldehyde, ethanol, and methanol in biological matrices and cell culture. <i>Journal of Chromatographic Science</i> , 2009 , 47, 272-8	1.4	52
82	Protective ability against oxidative stress of brewers' spent grain protein hydrolysates. <i>Food Chemistry</i> , 2017 , 228, 602-609	8.5	50
81	Combination effects of amphetamines under hyperthermia - the role played by oxidative stress. <i>Journal of Applied Toxicology</i> , 2014 , 34, 637-50	4.1	50
80	Hepcidin messenger RNA expression in human lymphocytes. <i>Immunology</i> , 2010 , 130, 217-30	7.8	49
79	Simultaneous determination of amphetamine derivatives in human urine after SPE extraction and HPLC-UV analysis. <i>Biomedical Chromatography</i> , 2004 , 18, 125-31	1.7	49
78	An insight into the hepatocellular death induced by amphetamines, individually and in combination: the involvement of necrosis and apoptosis. <i>Archives of Toxicology</i> , 2013 , 87, 2165-85	5.8	46

77	Cu ²⁺ -induced isoproterenol oxidation into isoprenochrome in adult rat calcium-tolerant cardiomyocytes. <i>Chemical Research in Toxicology</i> , 2002 , 15, 861-9	4	43
76	In vitro study of P-glycoprotein induction as an antidotal pathway to prevent cytotoxicity in Caco-2 cells. <i>Archives of Toxicology</i> , 2011 , 85, 315-26	5.8	42
75	Piperazine designer drugs induce toxicity in cardiomyoblast h9c2 cells through mitochondrial impairment. <i>Toxicology Letters</i> , 2014 , 229, 178-89	4.4	37
74	Inhibition of Glutathione Reductase by Isoproterenol Oxidation Products. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1999 , 15, 47-61		37
73	Influence of CYP2D6 polymorphism on 3,4-methylenedioxymethamphetamine (Ecstasy) cytotoxicity. <i>Pharmacogenetics and Genomics</i> , 2006 , 16, 789-99	1.9	36
72	Chronic exposure to ethanol exacerbates MDMA-induced hyperthermia and exposes liver to severe MDMA-induced toxicity in CD1 mice. <i>Toxicology</i> , 2008 , 252, 64-71	4.4	35
71	Copper enhances isoproterenol toxicity in isolated rat cardiomyocytes: effects on oxidative stress. <i>Cardiovascular Toxicology</i> , 2001 , 1, 195-204	3.4	35
70	Comparative metabolism of the designer drug 4-methylthioamphetamine by hepatocytes from man, monkey, dog, rabbit, rat and mouse. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004 , 369, 198-205	3.4	33
69	Induction and activation of P-glycoprotein by dihydroxylated xanthenes protect against the cytotoxicity of the P-glycoprotein substrate paraquat. <i>Archives of Toxicology</i> , 2014 , 88, 937-51	5.8	32
68	Hepatotoxicity of piperazine designer drugs: Comparison of different in vitro models. <i>Toxicology in Vitro</i> , 2015 , 29, 987-96	3.6	30
67	Mercury fatal intoxication: two case reports. <i>Forensic Science International</i> , 2009 , 184, e1-6	2.6	29
66	P-glycoprotein induction in Caco-2 cells by newly synthesized thioxanthenes prevents paraquat cytotoxicity. <i>Archives of Toxicology</i> , 2015 , 89, 1783-800	5.8	28
65	Colchicine effect on P-glycoprotein expression and activity: in silico and in vitro studies. <i>Chemico-Biological Interactions</i> , 2014 , 218, 50-62	5	27
64	Simultaneous determination of reduced and oxidized glutathione in freshly isolated rat hepatocytes and cardiomyocytes by HPLC with electrochemical detection. <i>Biomedical Chromatography</i> , 2000 , 14, 468-73	1.7	26
63	In vitro neurotoxicity evaluation of piperazine designer drugs in differentiated human neuroblastoma SH-SY5Y cells. <i>Journal of Applied Toxicology</i> , 2016 , 36, 121-30	4.1	25
62	Gold Nanoparticles Induce Oxidative Stress and Apoptosis in Human Kidney Cells. <i>Nanomaterials</i> , 2020 , 10,	5.4	25
61	Synergistic toxicity of ethanol and MDMA towards primary cultured rat hepatocytes. <i>Toxicology</i> , 2008 , 254, 42-50	4.4	24
60	CYP2D6 increases toxicity of the designer drug 4-methylthioamphetamine (4-MTA). <i>Toxicology</i> , 2007 , 229, 236-44	4.4	22

59	The synthetic cannabinoid XLR-11 induces in vitro nephrotoxicity by impairment of endocannabinoid-mediated regulation of mitochondrial function homeostasis and triggering of apoptosis. <i>Toxicology Letters</i> , 2018 , 287, 59-69	4.4	21
58	Doxorubicin decreases paraquat accumulation and toxicity in Caco-2 cells. <i>Toxicology Letters</i> , 2013 , 217, 34-41	4.4	21
57	Hepatotoxicity of piperazine designer drugs: up-regulation of key enzymes of cholesterol and lipid biosynthesis. <i>Archives of Toxicology</i> , 2016 , 90, 3045-3060	5.8	20
56	Development and validation of a GC/IT-MS method for simultaneous quantitation of para and meta-syneprine in biological samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 52, 721-8	3.5	20
55	Hydrogen peroxide production in mouse tissues after acute d-amphetamine administration. Influence of monoamine oxidase inhibition. <i>Archives of Toxicology</i> , 2001 , 75, 465-9	5.8	20
54	Impact of in Vitro Gastrointestinal Digestion and Transepithelial Transport on Antioxidant and ACE-Inhibitory Activities of Brewer's Spent Yeast Autolysate. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 7335-7341	5.7	20
53	Metabolism of the designer drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in mice, after acute administration. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 143-152	3.2	18
52	Cytotoxic effects of amphetamine mixtures in primary hepatocytes are severely aggravated under hyperthermic conditions. <i>Toxicology in Vitro</i> , 2013 , 27, 1670-8	3.6	17
51	4-Methylthioamphetamine-induced hyperthermia in mice: influence of serotonergic and catecholaminergic pathways. <i>Toxicology and Applied Pharmacology</i> , 2003 , 190, 262-71	4.6	17
50	Several transport systems contribute to the intestinal uptake of Paraquat, modulating its cytotoxic effects. <i>Toxicology Letters</i> , 2015 , 232, 271-83	4.4	15
49	The risky cocktail: what combination effects can we expect between ecstasy and other amphetamines?. <i>Archives of Toxicology</i> , 2013 , 87, 111-22	5.8	15
48	Gas chromatography-ion trap mass spectrometry method for the simultaneous measurement of MDMA (ecstasy) and its metabolites, MDA, HMA, and HMMA in plasma and urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 815-22	3.2	15
47	Metabolism of the designer drug 4-bromo-2,5-dimethoxyphenethylamine (2C-B) in mice, after acute administration. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 143-52	3.2	15
46	In vitro hepatotoxicity of the combination of 1-benzylpiperazine (BZP) and 1-(m-trifluoromethylphenyl)piperazine (TFMPP) triggers oxidative stress, mitochondrial impairment and apoptosis. <i>Archives of Toxicology</i> , 2017 , 91, 1413-1430	5.8	14
45	A multiparametric study of gold nanoparticles cytotoxicity, internalization and permeability using an model of blood-brain barrier. Influence of size, shape and capping agent. <i>Nanotoxicology</i> , 2019 , 13, 990-1004	5.3	14
44	Mixtures of 3,4-methylenedioxymethamphetamine (ecstasy) and its major human metabolites act additively to induce significant toxicity to liver cells when combined at low, non-cytotoxic concentrations. <i>Journal of Applied Toxicology</i> , 2014 , 34, 618-27	4.1	14
43	The novel psychoactive substance 3-methylmethcathinone (3-MMC or metaphedrone): A review. <i>Forensic Science International</i> , 2019 , 295, 54-63	2.6	14
42	Newly Synthesized Oxygenated Xanthenes as Potential P-Glycoprotein Activators: , , and Studies. <i>Molecules</i> , 2019 , 24,	4.8	13

41	Study of the intestinal uptake and permeability of gold nanoparticles using both in vitro and in vivo approaches. <i>Nanotechnology</i> , 2020 , 31, 195102	3.4	12
40	Synthetic cannabinoids and their impact on neurodevelopmental processes. <i>Addiction Biology</i> , 2020 , 25, e12824	4.6	12
39	The new psychoactive substance 3-methylmethcathinone (3-MMC or metaphedrone) induces oxidative stress, apoptosis, and autophagy in primary rat hepatocytes at human-relevant concentrations. <i>Archives of Toxicology</i> , 2019 , 93, 2617-2634	5.8	11
38	Metabolic interactions between ethanol and MDMA in primary cultured rat hepatocytes. <i>Toxicology</i> , 2010 , 270, 150-7	4.4	11
37	Evaluation of GSH adducts of adrenaline in biological samples. <i>Biomedical Chromatography</i> , 2007 , 21, 670-9	1.7	11
36	Epigenetics and the endocannabinoid system signaling: An intricate interplay modulating neurodevelopment. <i>Pharmacological Research</i> , 2020 , 162, 105237	10.2	11
35	Toxicological Evaluation of Luminescent Silica Nanoparticles as New Drug Nanocarriers in Different Cancer Cell Lines. <i>Materials</i> , 2018 , 11,	3.5	10
34	Water extracts of Brassica oleracea var. costata potentiate paraquat toxicity to rat hepatocytes in vitro. <i>Toxicology in Vitro</i> , 2009 , 23, 1131-8	3.6	10
33	Cardiotoxicity studies using freshly isolated calcium-tolerant cardiomyocytes from adult rat. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2001 , 37, 1-4	2.6	10
32	Ethanol additively enhances the in vitro cardiotoxicity of cocaine through oxidative damage, energetic deregulation, and apoptosis. <i>Archives of Toxicology</i> , 2018 , 92, 2311-2325	5.8	10
31	Synthetic Cannabinoids JWH-122 and THJ-2201 Disrupt Endocannabinoid-Regulated Mitochondrial Function and Activate Apoptotic Pathways as a Primary Mechanism of In Vitro Nephrotoxicity at In Vivo Relevant Concentrations. <i>Toxicological Sciences</i> , 2019 , 169, 422-435	4.4	9
30	Drinking to death: Hyponatraemia induced by synthetic phenethylamines. <i>Drug and Alcohol Dependence</i> , 2020 , 212, 108045	4.9	9
29	Diet aid or aid to die: an update on 2,4-dinitrophenol (2,4-DNP) use as a weight-loss product. <i>Archives of Toxicology</i> , 2020 , 94, 1071-1083	5.8	8
28	A Metabolomic Approach for the In Vivo Study of Gold Nanospheres and Nanostars after a Single-Dose Intravenous Administration to Wistar Rats. <i>Nanomaterials</i> , 2019 , 9,	5.4	8
27	Benzo fury: A new trend in the drug misuse scene. <i>Journal of Applied Toxicology</i> , 2019 , 39, 1083-1095	4.1	7
26	The study of oxidative stress in freshly isolated Ca(2+)-tolerant cardiomyocytes from the adult rat. <i>Toxicology in Vitro</i> , 2001 , 15, 283-7	3.6	7
25	The Synthetic Cannabinoids THJ-2201 and 5F-PB22 Enhance In Vitro CB Receptor-Mediated Neuronal Differentiation at Biologically Relevant Concentrations. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
24	Identification of 4-methylthioamphetamine and some of its metabolites in mouse urine by GC-MS after acute administration. <i>Journal of Analytical Toxicology</i> , 2002 , 26, 228-32	2.9	6

23	Emerging club drugs: 5-(2-aminopropyl)benzofuran (5-APB) is more toxic than its isomer 6-(2-aminopropyl)benzofuran (6-APB) in hepatocyte cellular models. <i>Archives of Toxicology</i> , 2020 , 94, 609-629	5.8	6
22	Efficacy, Stability, and Safety Evaluation of New Polyphenolic Xanthenes Towards Identification of Bioactive Compounds to Fight Skin Photoaging. <i>Molecules</i> , 2020 , 25,	4.8	5
21	Biodistribution and metabolic profile of 3,4-dimethylmethcathinone (3,4-DMMC) in Wistar rats through gas chromatography-mass spectrometry (GC-MS) analysis. <i>Toxicology Letters</i> , 2020 , 320, 113-123	4.4	5
20	Pharmacokinetics, pharmacodynamics, and toxicity of the new psychoactive substance 3,4-dimethylmethcathinone (3,4-DMMC). <i>Forensic Toxicology</i> , 2020 , 38, 15-29	2.6	5
19	Quantification of Methadone and Main Metabolites in Nails. <i>Journal of Analytical Toxicology</i> , 2018 , 42, 192-206	2.9	4
18	Implementation of an in vitro methodology for phototoxicity evaluation in a human keratinocyte cell line. <i>Toxicology in Vitro</i> , 2019 , 61, 104618	3.6	4
17	Overview of Synthetic Cannabinoids ADB-FUBINACA and AMB-FUBINACA: Clinical, Analytical, and Forensic Implications. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4
16	Quantification of doping compounds in faecal samples from racing pigeons, by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1089, 33-42	3.2	3
15	Determination of formic acid in urine of workers occupationally exposed to formaldehyde. <i>Toxicology Letters</i> , 2010 , 196, S74	4.4	3
14	Piperazine designer drugs elicit toxicity in the alternative in vivo model <i>Caenorhabditis elegans</i> . <i>Journal of Applied Toxicology</i> , 2020 , 40, 363-372	4.1	3
13	P-glycoprotein induction by hypericin protects Caco-2 cells against paraquat toxicity. <i>Toxicology Letters</i> , 2011 , 205, S93-S94	4.4	2
12	Insights on the relationship between structure vs. toxicological activity of antibacterial rhodamine-labelled 3-hydroxy-4-pyridinone iron(III) chelators in HepG2 cells. <i>Interdisciplinary Toxicology</i> , 2018 , 11, 189-199	2.3	2
11	The Use of Feathers from Racing Pigeons for Doping Control Purposes. <i>Journal of Analytical Toxicology</i> , 2019 , 43, 307-315	2.9	2
10	From street to lab: in vitro hepatotoxicity of buphedrone, butylone and 3,4-DMMC. <i>Archives of Toxicology</i> , 2021 , 95, 1443-1462	5.8	2
9	Ethanol, the forgotten artifact in cell culture. <i>Archives of Toxicology</i> , 2008 , 82, 197-8	5.8	1
8	4-Fluoromethamphetamine (4-FMA) induces in vitro hepatotoxicity mediated by CYP2E1, CYP2D6, and CYP3A4 metabolism. <i>Toxicology</i> , 2021 , 463, 152988	4.4	1
7	Doping detection in animals: A review of analytical methodologies published from 1990 to 2019. <i>Drug Testing and Analysis</i> , 2021 , 13, 474-504	3.5	1
6	Molecular basis of mood and cognitive adverse events elucidated via a combination of pharmacovigilance data mining and functional enrichment analysis. <i>Archives of Toxicology</i> , 2020 , 94, 2825-2845	5.8	1 ⁰

- 5 Cannabinoids and psychosis: current challenges of mechanistic toxicology **2021**, 601-615 o
- 4 Mephedrone **2014**, 194-196
- 3 Neurotoxic mixture effects of amphetamines, alcohol, tobacco and caffeine in SHSY-5Y dopaminergic cells – The effect of temperature. *Toxicology Letters*, **2015**, 238, S354 4-4
- 2 The Toll of Benzofurans in the Context of Drug Abuse **2022**, 1-24
- 1 Synthetic Cannabinoids and Neurodevelopment **2022**, 1-22