

# Diana Dias da Silva

## List of Publications by Citations

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**Version:** 2024-04-20

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52  
papers

2,143  
citations

16  
h-index

46  
g-index

75  
ext. papers

4,678  
ext. citations

8.7  
avg, IF

4.34  
L-index

#	Paper	IF	Citations
52	Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1223-1249	4.0	1013
51	Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1160-1203	4.0	228
50	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2020</b> , 396, 1250-1284	4.0	112
49	Estimation of the global prevalence of dementia in 2019 and forecasted prevalence in 2050: an analysis for the Global Burden of Disease Study 2019.. <i>Lancet Public Health, The</i> , <b>2022</b> ,	22.4	95
48	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of legal high packages containing synthetic cathinones. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 757-71	5.8	60
47	Protective ability against oxidative stress of brewers spent grain protein hydrolysates. <i>Food Chemistry</i> , <b>2017</b> , 228, 602-609	8.5	50
46	Combination effects of amphetamines under hyperthermia - the role played by oxidative stress. <i>Journal of Applied Toxicology</i> , <b>2014</b> , 34, 637-50	4.1	50
45	An insight into the hepatocellular death induced by amphetamines, individually and in combination: the involvement of necrosis and apoptosis. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 2165-85	5.8	46
44	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2021</b> , 398, 870-905	4.0	43
43	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , <b>2020</b> , 26, i96-i114	3.2	39
42	Piperazine designer drugs induce toxicity in cardiomyoblast h9c2 cells through mitochondrial impairment. <i>Toxicology Letters</i> , <b>2014</b> , 229, 178-89	4.4	37
41	Hepatotoxicity of piperazine designer drugs: Comparison of different in vitro models. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 987-96	3.6	30
40	In vitro neurotoxicity evaluation of piperazine designer drugs in differentiated human neuroblastoma SH-SY5Y cells. <i>Journal of Applied Toxicology</i> , <b>2016</b> , 36, 121-30	4.1	25
39	Pharmacokinetic and Pharmacodynamic Aspects of Peyote and Mescaline: Clinical and Forensic Repercussions. <i>Current Molecular Pharmacology</i> , <b>2019</b> , 12, 184-194	3.7	21
38	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> , <b>2016</b> , 64, 7335-7341	5.7	20
37	Cytotoxic effects of amphetamine mixtures in primary hepatocytes are severely aggravated under hyperthermic conditions. <i>Toxicology in Vitro</i> , <b>2013</b> , 27, 1670-8	3.6	17
36	Toxicokinetics and Toxicodynamics of Ayahuasca Alkaloids, -Dimethyltryptamine (DMT), Harmine, Harmaline and Tetrahydroharmine: Clinical and Forensic Impact. <i>Pharmaceuticals</i> , <b>2020</b> , 13,	5.2	16

35	The risky cocktail: what combination effects can we expect between ecstasy and other amphetamines?. <i>Archives of Toxicology</i> , <b>2013</b> , 87, 111-22	5.8	15
34	Cellular uptake and toxicity of gold nanoparticles on two distinct hepatic cell models. <i>Toxicology in Vitro</i> , <b>2021</b> , 70, 105046	3.6	15
33	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> , <b>2017</b> , 91, 1413-1430	5.8	14
32	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> , <b>2019</b> , 13, 990-1004	5.3	14
31	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> , <b>2014</b> , 34, 618-27	4.1	14
30	The novel psychoactive substance 3-methylmethcathinone (3-MMC or metaphedrone): A review. <i>Forensic Science International</i> , <b>2019</b> , 295, 54-63	2.6	14
29	Study of the intestinal uptake and permeability of gold nanoparticles using both in vitro and in vivo approaches. <i>Nanotechnology</i> , <b>2020</b> , 31, 195102	3.4	12
28	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , <b>2020</b> , 26, i125-i153	3.2	12
27	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> , <b>2019</b> , 93, 2617-2634	5.8	11
26	Epigenetics and the endocannabinoid system signaling: An intricate interplay modulating neurodevelopment. <i>Pharmacological Research</i> , <b>2020</b> , 162, 105237	10.2	11
25	Ethanol additively enhances the in vitro cardiotoxicity of cocaine through oxidative damage, energetic deregulation, and apoptosis. <i>Archives of Toxicology</i> , <b>2018</b> , 92, 2311-2325	5.8	10
24	Drinking to death: Hyponatraemia induced by synthetic phenethylamines. <i>Drug and Alcohol Dependence</i> , <b>2020</b> , 212, 108045	4.9	9
23	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> , <b>2020</b> , 94, 1071-1083	5.8	8
22	Global, regional, and national mortality among young people aged 10-24 years, 1950-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , <b>2021</b> , 398, 1593-1618	4.0	8
21	Benzo fury: A new trend in the drug misuse scene. <i>Journal of Applied Toxicology</i> , <b>2019</b> , 39, 1083-1095	4.1	7
20	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> , <b>2020</b> , 21,	6.3	7
19	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> , <b>2020</b> , 94, 609-629	5.8	6
18	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> , <b>2020</b> , 320, 113-123	4.4	5

17	Pharmacokinetics, pharmacodynamics, and toxicity of the new psychoactive substance 3,4-dimethylmethcathinone (3,4-DMMC). <i>Forensic Toxicology</i> , <b>2020</b> , 38, 15-29	2.6	5
16	Quantification of Methadone and Main Metabolites in Nails. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 192-206	2.9	4
15	Overview of Synthetic Cannabinoids ADB-FUBINACA and AMB-FUBINACA: Clinical, Analytical, and Forensic Implications. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	4
14	Biosynthetic versatility of marine-derived fungi on the delivery of novel antibacterial agents against priority pathogens. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 140, 111756	7.5	4
13	Burden of non-communicable diseases among adolescents aged 10-24 years in the EU, 1990-2019: a systematic analysis of the Global Burden of Diseases Study 2019.. <i>The Lancet Child and Adolescent Health</i> , <b>2022</b> ,	14.5	4
12	Vitamin D: sources, physiological role, biokinetics, deficiency, therapeutic use, toxicity, and overview of analytical methods for detection of vitamin D and its metabolites.. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2022</b> , 1-38	9.4	3
11	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> , <b>2018</b> , 11, 189-199	2.3	2
10	Pharmacokinetics and Pharmacodynamics of Salvinorin A and : Clinical and Forensic Aspects. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	2
9	From street to lab: in vitro hepatotoxicity of buphedrone, butylone and 3,4-DMMC. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 1443-1462	5.8	2
8	Gas Chromatography Multiresidue Method for Enantiomeric Fraction Determination of Psychoactive Substances in Effluents and River Surface Waters. <i>Chemosensors</i> , <b>2021</b> , 9, 224	4	2
7	4-Fluoromethamphetamine (4-FMA) induces in vitro hepatotoxicity mediated by CYP2E1, CYP2D6, and CYP3A4 metabolism. <i>Toxicology</i> , <b>2021</b> , 463, 152988	4.4	1
6	Long-term effects of lithium and lithium-microplastic mixtures on the model species <i>Daphnia magna</i> : Toxicological interactions and implications to <del>One Health</del> <i>Science of the Total Environment</i> , <b>2022</b> , 155934	10.2	0
5	The burden of injury in Central, Eastern, and Western European sub-region: a systematic analysis from the Global Burden of Disease 2019 Study.. <i>Archives of Public Health</i> , <b>2022</b> , 80, 142	2.6	0
4	Neurotoxic mixture effects of amphetamines, alcohol, tobacco and caffeine in SHSY-5Y dopaminergic cells □The effect of temperature. <i>Toxicology Letters</i> , <b>2015</b> , 238, S354	4.4	
3	The Toll of Benzofurans in the Context of Drug Abuse <b>2022</b> , 1-24		
2	Anticancer potential of semi-volatile compounds present in cork: Cytotoxic mixture effects in human colorectal adenocarcinoma cells. <i>Toxicology Letters</i> , <b>2018</b> , 295, S273	4.4	
1	Psilocybin and magic mushrooms: Patterns of abuse and consequences of recreational misuse <b>2022</b> , 1-29		