

# Diana Dias da Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

8,058  
citations

236925

25  
h-index

161849

54  
g-index

75  
all docs

75  
docs citations

75  
times ranked

7500  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 7, e105-e125.	10.0	1,199
2	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> , 2022, 6, 367-383.	5.6	48
3	Cocaine: An Updated Overview on Chemistry, Detection, Biokinetics, and Pharmacotoxicological Aspects including Abuse Pattern. <i>Toxins</i> , 2022, 14, 278.	3.4	35
4	Long-term effects of lithium and lithium-microplastic mixtures on the model species <i>Daphnia magna</i> : Toxicological interactions and implications to “One Health”™. <i>Science of the Total Environment</i> , 2022, 838, 155934.	8.0	14
5	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> , 2022, 59, 517-554.	6.1	45
6	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> , 2022, 80, 142.	2.4	9
7	Adolescent transport and unintentional injuries: a systematic analysis using the Global Burden of Disease Study 2019. <i>Lancet Public Health, The</i> , 2022, 7, e657-e669.	10.0	34
8	Population-level risks of alcohol consumption by amount, geography, age, sex, and year: a systematic analysis for the Global Burden of Disease Study 2020. <i>Lancet, The</i> , 2022, 400, 185-235.	13.7	161
9	Toxicity of pesticides widely applied on soybean cultivation: Synergistic effects of fipronil, glyphosate and imidacloprid in HepG2 cells. <i>Toxicology in Vitro</i> , 2022, 84, 105446.	2.4	11
10	Cellular uptake and toxicity of gold nanoparticles on two distinct hepatic cell models. <i>Toxicology in Vitro</i> , 2021, 70, 105046.	2.4	30
11	Pharmacokinetics and Pharmacodynamics of Salvinorin A and <i>Salvia divinorum</i> : Clinical and Forensic Aspects. <i>Pharmaceuticals</i> , 2021, 14, 116.	3.8	13
12	Overview of Synthetic Cannabinoids ADB-FUBINACA and AMB-FUBINACA: Clinical, Analytical, and Forensic Implications. <i>Pharmaceuticals</i> , 2021, 14, 186.	3.8	16
13	From street to lab: in vitro hepatotoxicity of buphedrone, butylone and 3,4-DMMC. <i>Archives of Toxicology</i> , 2021, 95, 1443-1462.	4.2	6
14	Biosynthetic versatility of marine-derived fungi on the delivery of novel antibacterial agents against priority pathogens. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111756.	5.6	11
15	Gas Chromatography Multiresidue Method for Enantiomeric Fraction Determination of Psychoactive Substances in Effluents and River Surface Waters. <i>Chemosensors</i> , 2021, 9, 224.	3.6	6
16	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> , 2021, 398, 870-905.	13.7	229
17	Neurotoxicity of psychoactive substances: A mechanistic overview. <i>Current Opinion in Toxicology</i> , 2021, 28, 76-83.	5.0	4
18	4-Fluoromethamphetamine (4-FMA) induces in vitro hepatotoxicity mediated by CYP2E1, CYP2D6, and CYP3A4 metabolism. <i>Toxicology</i> , 2021, 463, 152988.	4.2	7

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19	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> , 2021, 398, 1593-1618.	13.7	92
20	Pharmacokinetics, pharmacodynamics, and toxicity of the new psychoactive substance 3,4-dimethylmethcathinone (3,4-DMMC). <i>Forensic Toxicology</i> , 2020, 38, 15-29.	2.4	6
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.	0.8	6
22	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.	4.2	11
23	Epigenetics and the endocannabinoid system signaling: An intricate interplay modulating neurodevelopment. <i>Pharmacological Research</i> , 2020, 162, 105237.	7.1	27
24	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> , 2020, 396, 1223-1249.	13.7	3,928
25	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> , 2020, 396, 1160-1203.	13.7	890
26	Toxicokinetics and Toxicodynamics of Ayahuasca Alkaloids N,N-Dimethyltryptamine (DMT), Harmine, Harmaline and Tetrahydroharmine: Clinical and Forensic Impact. <i>Pharmaceuticals</i> , 2020, 13, 334.	3.8	45
27	Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study. <i>Injury Prevention</i> , 2020, 26, i125-i153.	2.4	44
28	The Synthetic Cannabinoids THJ-2201 and 5F-PB22 Enhance In Vitro CB1 Receptor-Mediated Neuronal Differentiation at Biologically Relevant Concentrations. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6277.	4.1	16
29	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> , 2020, 396, 1250-1284.	13.7	330
30	Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017. <i>Injury Prevention</i> , 2020, 26, i96-i114.	2.4	103
31	Drinking to death: Hyponatraemia induced by synthetic phenethylamines. <i>Drug and Alcohol Dependence</i> , 2020, 212, 108045.	3.2	12
32	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.	4.2	15
33	Study of the intestinal uptake and permeability of gold nanoparticles using both <i>in vitro</i> and <i>in vivo</i> approaches. <i>Nanotechnology</i> , 2020, 31, 195102.	2.6	16
34	Pharmacokinetic and Pharmacodynamic Aspects of Peyote and Mescaline: Clinical and Forensic Repercussions. <i>Current Molecular Pharmacology</i> , 2019, 12, 184-194.	1.5	57
35	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.	4.2	21
36	A multiparametric study of gold nanoparticles cytotoxicity, internalization and permeability using an <i>in vitro</i> model of blood–brain barrier. Influence of size, shape and capping agent. <i>Nanotoxicology</i> , 2019, 13, 990-1004.	3.0	26

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37	<i>Benzo fur</i>y: A new trend in the drug misuse scene. Journal of Applied Toxicology, 2019, 39, 1083-1095.	2.8	15
38	The novel psychoactive substance 3-methylmethcathinone (3-MMC or metaphedrone): A review. Forensic Science International, 2019, 295, 54-63.	2.2	28
39	Quantification of Methadone and Main Metabolites in Nails. Journal of Analytical Toxicology, 2018, 42, 192-206.	2.8	12
40	Anticancer potential of semi-volatile compounds present in cork: Cytotoxic mixture effects in human colorectal adenocarcinoma cells. Toxicology Letters, 2018, 295, S273.	0.8	0
41	Ethanol addictively enhances the in vitro cardiotoxicity of cocaine through oxidative damage, energetic deregulation, and apoptosis. Archives of Toxicology, 2018, 92, 2311-2325.	4.2	18
42	Untangling the Intracellular Mechanisms Underlying Toxicity of Drugs of Abuse: A Review of the Detrimental Effects of New Psychoactive Substances (NPS). Open Access Journal of Toxicology, 2018, 3, .	0.3	0
43	Insights on the relationship between structure vs. toxicological activity of antibacterial rhodamine-labelled 3-hydroxy-4-pyridinone iron(III) chelators in HepG2 cells. Interdisciplinary Toxicology, 2018, 11, 189-199.	1.0	2
44	In vitro hepatotoxicity of â€™Legal Xâ€™: the combination of 1-benzylpiperazine (BZP) and 1-(m-trifluoromethylphenyl)piperazine (TFMPP) triggers oxidative stress, mitochondrial impairment and apoptosis. Archives of Toxicology, 2017, 91, 1413-1430.	4.2	20
45	Protective ability against oxidative stress of brewersâ€™ spent grain protein hydrolysates. Food Chemistry, 2017, 228, 602-609.	8.2	64
46	Impact of in Vitro Gastrointestinal Digestion and Transepithelial Transport on Antioxidant and ACE-Inhibitory Activities of Brewerâ€™s Spent Yeast Autolysate. Journal of Agricultural and Food Chemistry, 2016, 64, 7335-7341.	5.2	26
47	<i>In vitro</i> neurotoxicity evaluation of piperazine designer drugs in differentiated human neuroblastoma SHâ€™5Y cells. Journal of Applied Toxicology, 2016, 36, 121-130.	2.8	30
48	Neurotoxic mixture effects of amphetamines, alcohol, tobacco and caffeine in SHSY-5Y dopaminergic cells â€™ The effect of temperature. Toxicology Letters, 2015, 238, S354.	0.8	0
49	Hepatotoxicity of piperazine designer drugs: Comparison of different in vitro models. Toxicology in Vitro, 2015, 29, 987-996.	2.4	37
50	Raising awareness of new psychoactive substances: chemical analysis and in vitro toxicity screening of â€™legal highâ€™ packages containing synthetic cathinones. Archives of Toxicology, 2015, 89, 757-771.	4.2	73
51	Piperazine designer drugs induce toxicity in cardiomyoblast h9c2 cells through mitochondrial impairment. Toxicology Letters, 2014, 229, 178-189.	0.8	43
52	Combination effects of amphetamines under hyperthermia - the role played by oxidative stress. Journal of Applied Toxicology, 2014, 34, 637-650.	2.8	55
53	â€™Smartâ€™ but not safe: The potential hepatotoxicity of synthetic cathinones. Toxicology Letters, 2014, 229, S64.	0.8	0
54	Mixtures of 3,4-methylenedioxymethamphetamine (<i>ecstasy</i>) and its major human metabolites act additively to induce significant toxicity to liver cells when combined at low, non-cytotoxic concentrations. Journal of Applied Toxicology, 2014, 34, 618-627.	2.8	17

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55	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, 2165-2185.	4.2	55
56	Low concentration mixtures of MDMA and its major human metabolites induce significant toxicity to liver cells, both at physiological and hyperthermic conditions. <i>Toxicology Letters</i> , 2013, 221, S153.	0.8	1
57	Cytotoxic effects of amphetamine mixtures in primary hepatocytes are severely aggravated under hyperthermic conditions. <i>Toxicology in Vitro</i> , 2013, 27, 1670-1678.	2.4	20
58	The risky cocktail: what combination effects can we expect between ecstasy and other amphetamines?. <i>Archives of Toxicology</i> , 2013, 87, 111-122.	4.2	19