

Joo Paulo Capela

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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.

39 papers	1,302 citations	18 h-index	36 g-index
60 ext. papers	1,466 ext. citations	4.4 avg, IF	4 L-index

#	Paper	IF	Citations
39	Toxicity of amphetamines: an update. <i>Archives of Toxicology</i> , 2012 , 86, 1167-231	5.8	296
38	Molecular and cellular mechanisms of ecstasy-induced neurotoxicity: an overview. <i>Molecular Neurobiology</i> , 2009 , 39, 210-71	6.2	223
37	Neurotoxicity mechanisms of thioether ecstasy metabolites. <i>Neuroscience</i> , 2007 , 146, 1743-57	3.9	84
36	Ecstasy-induced cell death in cortical neuronal cultures is serotonin 2A-receptor-dependent and potentiated under hyperthermia. <i>Neuroscience</i> , 2006 , 139, 1069-81	3.9	67
35	Neurotoxicity of Ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 316, 53-61	4.7	64
34	Ecstasy induces apoptosis via 5-HT(2A)-receptor stimulation in cortical neurons. <i>NeuroToxicology</i> , 2007 , 28, 868-75	4.4	63
33	The neurotoxicity of amphetamines during the adolescent period. <i>International Journal of Developmental Neuroscience</i> , 2015 , 41, 44-62	2.7	53
32	Mitochondria: key players in the neurotoxic effects of amphetamines. <i>Archives of Toxicology</i> , 2015 , 89, 1695-725	5.8	52
31	Pro-oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. <i>British Journal of Pharmacology</i> , 2012 , 165, 1017-33	8.6	45
30	The mixture of "ecstasy" and its metabolites is toxic to human SH-SY5Y differentiated cells at in vivo relevant concentrations. <i>Archives of Toxicology</i> , 2014 , 88, 455-73	5.8	39
29	Neurotoxicity of "ecstasy" and its metabolites in human dopaminergic differentiated SH-SY5Y cells. <i>Toxicology Letters</i> , 2013 , 216, 159-70	4.4	31
28	The neurotoxicity of hallucinogenic amphetamines in primary cultures of hippocampal neurons. <i>NeuroToxicology</i> , 2013 , 34, 254-63	4.4	31
27	Differential Effects of Methyl-4-Phenylpyridinium Ion, Rotenone, and Paraquat on Differentiated SH-SY5Y Cells. <i>Journal of Toxicology</i> , 2013 , 2013, 347312	3.1	25
26	Synthesis and Cyclic Voltammetry Studies of 3,4-Methylenedioxymethamphetamine (MDMA) Human Metabolites. <i>Journal of Health Science</i> , 2007 , 53, 31-42		25
25	"Ecstasy"-induced toxicity in SH-SY5Y differentiated cells: role of hyperthermia and metabolites. <i>Archives of Toxicology</i> , 2014 , 88, 515-31	5.8	23
24	In vitro models for neurotoxicology research. <i>Toxicology Research</i> , 2015 , 4, 801-842	2.6	23
23	The mixture of "ecstasy" and its metabolites impairs mitochondrial fusion/fission equilibrium and trafficking in hippocampal neurons, at in vivo relevant concentrations. <i>Toxicological Sciences</i> , 2014 , 139, 407-20	4.4	22

22	Methylphenidate effects in the young brain: friend or foe?. <i>International Journal of Developmental Neuroscience</i> , 2017 , 60, 34-47	2.7	18
21	Structure-cytotoxicity relationship profile of 13 synthetic cathinones in differentiated human SH-SY5Y neuronal cells. <i>NeuroToxicology</i> , 2019 , 75, 158-173	4.4	15
20	MDMA impairs mitochondrial neuronal trafficking in a Tau- and Mitofusin2/Drp1-dependent manner. <i>Archives of Toxicology</i> , 2014 , 88, 1561-72	5.8	15
19	Toxicity of the amphetamine metabolites 4-hydroxyamphetamine and 4-hydroxynorephedrine in human dopaminergic differentiated SH-SY5Y cells. <i>Toxicology Letters</i> , 2017 , 269, 65-76	4.4	10
18	Inhibition of NF-kB activation and cytokines production in THP-1 monocytes by 2-styrylchromones. <i>Medicinal Chemistry</i> , 2015 , 11, 560-6	1.8	10
17	An updated review on synthetic cathinones. <i>Archives of Toxicology</i> , 2021 , 95, 2895-2940	5.8	10
16	Methylphenidate clinically oral doses improved brain and heart glutathione redox status and evoked renal and cardiac tissue injury in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 100, 551-563	7.5	8
15	Mitoxantrone is More Toxic than Doxorubicin in SH-SY5Y Human Cells: A 'Chemobrain' In Vitro Study. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	8
14	"Ecstasy" toxicity to adolescent rats following an acute low binge dose. <i>BMC Pharmacology & Toxicology</i> , 2016 , 17, 28	2.6	7
13	Aged rats are more vulnerable than adolescents to "ecstasy"-induced toxicity. <i>Archives of Toxicology</i> , 2018 , 92, 2275-2295	5.8	5
12	Modeling chronic brain exposure to amphetamines using primary rat neuronal cortical cultures. <i>Neuroscience</i> , 2014 , 277, 417-34	3.9	5
11	Effect of 3,4-methylenedioxymphetamine on dendritic spine dynamics in rat neocortical neurons--involvement of heat shock protein 27. <i>Brain Research</i> , 2011 , 1370, 43-52	3.7	5
10	5,7-Dihydroxytryptamine toxicity to serotonergic neurons in serum free raphe cultures. <i>European Journal of Pharmacology</i> , 2008 , 588, 232-8	5.3	5
9	Adverse outcome pathways induced by 3,4-dimethylmethcathinone and 4-methylmethcathinone in differentiated human SH-SY5Y neuronal cells. <i>Archives of Toxicology</i> , 2020 , 94, 2481-2503	5.8	3
8	Mitoxantrone impairs proteasome activity and prompts early energetic and proteomic changes in HL-1 cardiomyocytes at clinically relevant concentrations. <i>Archives of Toxicology</i> , 2020 , 94, 4067-4084	5.8	3
7	Four decades of chemotherapy-induced cognitive dysfunction: comprehensive review of clinical, animal and in vitro studies, and insights of key initiating events. <i>Archives of Toxicology</i> , 2021 , 1	5.8	2
6	Ecstasy 2014 , 1064-1067		1
5	Neuronal Mitochondrial Trafficking Impairment: The Cause or a Consequence of Neuronal Dysfunction Caused by Amphetamine-Like Drugs. <i>Journal of Drug and Alcohol Research</i> , 2014 , 3, 1-7	1	1

- 4 Chemobrain: mitoxantrone-induced oxidative stress, apoptotic and autophagic neuronal death in adult CD-1 mice.. *Archives of Toxicology*, **2022**, 1 5.8 o
- 3 Involvement of Mitochondrial Dysfunction on the Toxic Effects Caused by Drugs of Abuse and Addiction **2018**, 487-508
- 2 Mitochondrial Trails in the Neurotoxic Mechanisms of MDMA **2016**, 431-444
- 1 A review on the mitochondrial toxicity of Ecstasy[(3,4-methylenedioxymethamphetamine, MDMA). *Current Research in Toxicology*, **2022**, 3, 100075 2.7