

Daniel Jos Barbosa

List of Publications by Citations

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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.

18
papers

477
citations

14
h-index

21
g-index

21
ext. papers

588
ext. citations

5.4
avg, IF

3.35
L-index

#	Paper	IF	Citations
18	Molecular mechanism of dynein recruitment to kinetochores by the Rod-Zw10-Zwilch complex and Spindly. <i>Journal of Cell Biology</i> , 2017 , 216, 943-960	7.3	72
17	Mitochondria: key players in the neurotoxic effects of amphetamines. <i>Archives of Toxicology</i> , 2015 , 89, 1695-725	5.8	52
16	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
15	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
14	Dysfunction of ABC transporters at the blood-brain barrier: Role in neurological disorders. <i>Pharmacology & Therapeutics</i> , 2020 , 213, 107554	13.9	38
13	Piperazine designer drugs induce toxicity in cardiomyoblast h9c2 cells through mitochondrial impairment. <i>Toxicology Letters</i> , 2014 , 229, 178-89	4.4	37
12	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
11	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
10	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
9	"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
8	In vitro models for neurotoxicology research. <i>Toxicology Research</i> , 2015 , 4, 801-842	2.6	23
7	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
6	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
5	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
4	Plastin and spectrin cooperate to stabilize the actomyosin cortex during cytokinesis. <i>Current Biology</i> , 2021 ,	6.3	4
3	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
2	Involvement of Mitochondrial Dysfunction on the Toxic Effects Caused by Drugs of Abuse and Addiction 2018 , 487-508		

- 1 Mitochondrial Trails in the Neurotoxic Mechanisms of MDMA **2016**, 431-444