

João Paulo Capela

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,626
citations

361413

20
h-index

289244

40
g-index

60
all docs

60
docs citations

60
times ranked

1637
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Toxicity of amphetamines: an update. Archives of Toxicology, 2012, 86, 1167-1231. | 4.2 | 364 |
| 2 | Molecular and Cellular Mechanisms of Ecstasy-Induced Neurotoxicity: An Overview. Molecular Neurobiology, 2009, 39, 210-271. | 4.0 | 251 |
| 3 | Neurotoxicity mechanisms of thioether ecstasy metabolites. Neuroscience, 2007, 146, 1743-1757. | 2.3 | 92 |
| 4 | Neurotoxicity of Ecstasy Metabolites in Rat Cortical Neurons, and Influence of Hyperthermia. Journal of Pharmacology and Experimental Therapeutics, 2006, 316, 53-61. | 2.5 | 71 |
| 5 | Ecstasy-induced cell death in cortical neuronal cultures is serotonin 2A-receptor-dependent and potentiated under hyperthermia. Neuroscience, 2006, 139, 1069-1081. | 2.3 | 71 |
| 6 | Ecstasy induces apoptosis via 5-HT2A-receptor stimulation in cortical neurons. NeuroToxicology, 2007, 28, 868-875. | 3.0 | 67 |
| 7 | The neurotoxicity of amphetamines during the adolescent period. International Journal of Developmental Neuroscience, 2015, 41, 44-62. | 1.6 | 66 |
| 8 | Mitochondria: key players in the neurotoxic effects of amphetamines. Archives of Toxicology, 2015, 89, 1695-1725. | 4.2 | 61 |
| 9 | An updated review on synthetic cathinones. Archives of Toxicology, 2021, 95, 2895-2940. | 4.2 | 59 |
| 10 | Pro-oxidant effects of Ecstasy and its metabolites in mouse brain synaptosomes. British Journal of Pharmacology, 2012, 165, 1017-1033. | 5.4 | 51 |
| 11 | The mixture of "ecstasy" and its metabolites is toxic to human SH-SY5Y differentiated cells at in vivo relevant concentrations. Archives of Toxicology, 2014, 88, 455-473. | 4.2 | 45 |
| 12 | Neurotoxicity of "ecstasy" and its metabolites in human dopaminergic differentiated SH-SY5Y cells. Toxicology Letters, 2013, 216, 159-170. | 0.8 | 39 |
| 13 | The neurotoxicity of hallucinogenic amphetamines in primary cultures of hippocampal neurons. NeuroToxicology, 2013, 34, 254-263. | 3.0 | 37 |
| 14 | In vitro models for neurotoxicology research. Toxicology Research, 2015, 4, 801-842. | 2.1 | 36 |
| 15 | Synthesis and Cyclic Voltammetry Studies of 3,4-Methylenedioxyamphetamine (MDMA) Human Metabolites. Journal of Health Science, 2007, 53, 31-42. | 0.9 | 30 |
| 16 | Differential Effects of Methyl-4-Phenylpyridinium Ion, Rotenone, and Paraquat on Differentiated SH-SY5Y Cells. Journal of Toxicology, 2013, 2013, 1-10. | 3.0 | 29 |
| 17 | "Ecstasy"-induced toxicity in SH-SY5Y differentiated cells: role of hyperthermia and metabolites. Archives of Toxicology, 2014, 88, 515-531. | 4.2 | 29 |
| 18 | Structure-cytotoxicity relationship profile of 13 synthetic cathinones in differentiated human SH-SY5Y neuronal cells. NeuroToxicology, 2019, 75, 158-173. | 3.0 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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, 407-420. | 3.1 | 24 |
| 20 | Methylphenidate effects in the young brain: friend or foe?. <i>International Journal of Developmental Neuroscience</i> , 2017, 60, 34-47. | 1.6 | 22 |
| 21 | MDMA impairs mitochondrial neuronal trafficking in a Tau- and Mitofusin2/Drp1-dependent manner. <i>Archives of Toxicology</i> , 2014, 88, 1561-1572. | 4.2 | 18 |
| 22 | Inhibition of NF- κ B Activation and Cytokines Production in THP-1 Monocytes by 2-Styrylchromones. <i>Medicinal Chemistry</i> , 2015, 11, 560-566. | 1.5 | 15 |
| 23 | 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. | 0.8 | 13 |
| 24 | Mitoxantrone is More Toxic than Doxorubicin in SH-SY5Y Human Cells: A "Chemobrain" In Vitro Study. <i>Pharmaceuticals</i> , 2018, 11, 41. | 3.8 | 13 |
| 25 | 5,7-Dihydroxytryptamine toxicity to serotonergic neurons in serum free raphe cultures. <i>European Journal of Pharmacology</i> , 2008, 588, 232-238. | 3.5 | 10 |
| 26 | "Ecstasy" toxicity to adolescent rats following an acute low binge dose. <i>BMC Pharmacology & Toxicology</i> , 2016, 17, 28. | 2.4 | 10 |
| 27 | 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. | 5.6 | 9 |
| 28 | Aged rats are more vulnerable than adolescents to "ecstasy"-induced toxicity. <i>Archives of Toxicology</i> , 2018, 92, 2275-2295. | 4.2 | 9 |
| 29 | 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. | 4.2 | 9 |
| 30 | 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> , 2022, 96, 11-78. | 4.2 | 9 |
| 31 | 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. | 4.2 | 8 |
| 32 | Effect of 3,4-methylenedioxyamphetamine on dendritic spine dynamics in rat neocortical neurons " Involvement of heat shock protein 27. <i>Brain Research</i> , 2011, 1370, 43-52. | 2.2 | 7 |
| 33 | Modeling chronic brain exposure to amphetamines using primary rat neuronal cortical cultures. <i>Neuroscience</i> , 2014, 277, 417-434. | 2.3 | 7 |
| 34 | Chemobrain: mitoxantrone-induced oxidative stress, apoptotic and autophagic neuronal death in adult CD-1 mice. <i>Archives of Toxicology</i> , 2022, 96, 1767-1782. | 4.2 | 6 |
| 35 | A review on the mitochondrial toxicity of "ecstasy"(3,4-methylenedioxymethamphetamine, MDMA). <i>Current Research in Toxicology</i> , 2022, 3, 100075. | 2.7 | 4 |
| 36 | Ecstasy., 2014,, 1064-1067. | | 1 |

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|----|--|-----|-----------|
| 37 | Neurotoxicity of amphetamine and its metabolite 4-hydroxynorephedrine on differentiated SH-SY5Y dopaminergic cells. <i>Toxicology Letters</i> , 2015, 238, S358. | 0.8 | 1 |
| 38 | Clorgyline and N-acetyl-L-cysteine provide partial protection against the toxicity of synthetic cathinones and methamphetamine on SH-SY5Y humans cells. <i>Toxicology Letters</i> , 2018, 295, S274. | 0.8 | 1 |
| 39 | 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. | 0.9 | 1 |
| 40 | Ecstasy-induced cell death in cortical neuronal cultures is 5-HT _{2A} -receptor-dependent and potentiated under hyperthermia. <i>Toxicology Letters</i> , 2006, 164, S116. | 0.8 | 0 |
| 41 | Neurotoxicity of ecstasy metabolites in rat cortical neurons, and influence of hyperthermia. <i>Toxicology Letters</i> , 2006, 164, S118. | 0.8 | 0 |
| 42 | N-acetyl-cysteine prevents the cytotoxicity of adrenaline oxidation in SH-SY5Y cells. <i>Toxicology Letters</i> , 2011, 205, S220. | 0.8 | 0 |
| 43 | “Ecstasy”™ and amphetamine neurotoxicity to cultured rat cortical neurons in a continuous exposure model. <i>Toxicology Letters</i> , 2013, 221, S233. | 0.8 | 0 |
| 44 | Mitochondrial Trails in the Neurotoxic Mechanisms of MDMA. , 2016, , 431-444. | | 0 |
| 45 | Potential health risks surrounding ingredients of pre-workout and post-workout dietary supplements: a thorough label analysis. <i>Revista De Nutricao</i> , 0, 35, . | 0.4 | 0 |