Frederico C Pereira

List of Publications by Year
in descending order

61	1,118	394421 19	454955 30
papers	citations	h-index	g-index

64	64	64	1788
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methamphetamine induces alterations on hippocampal NMDA and AMPA receptor subunit levels and impairs spatial working memory. Neuroscience, 2007, 150, 433-441.	2.3	91
2	Spatial memory impairments in a prediabetic rat model. Neuroscience, 2013, 250, 565-577.	2.3	80
3	Early cardiac changes in a rat model of prediabetes: brain natriuretic peptide overexpression seems to be the best marker. Cardiovascular Diabetology, 2013, 12, 44.	6.8	66
4	Mitochondrial Metabolism Regulates Microtubule Acetylome and Autophagy Trough Sirtuin-2: Impact for Parkinsonâ€™s Disease. Molecular Neurobiology, 2018, 55, 1440-1462.	4.0	45
5	The neurobiological mechanisms of physical exercise in methamphetamine addiction. CNS Neuroscience and Therapeutics, 2018, 24, 85-97.	3.9	44
6	Methamphetamine Changes NMDA and AMPA Glutamate Receptor Subunit Levels in the Rat Striatum and Frontal Cortex. Annals of the New York Academy of Sciences, 2008, 1139, 232-241.	3.8	39
7	Glucose and Lipid Dysmetabolism in a Rat Model of Prediabetes Induced by a High-Sucrose Diet. Nutrients, 2017, 9, 638.	4.1	38
8	Cellular and Molecular Mechanisms Mediating Methylmercury Neurotoxicity and Neuroinflammation. International Journal of Molecular Sciences, 2021, 22, 3101.	4.1	38
9	Single or multiple injections of methamphetamine increased dopamine turnover but did not decrease tyrosine hydroxylase levels or cleave caspase-3 in caudate-putamen. Synapse, 2006, 60, 185-193.	1.2	36
10	May Exercise Prevent Addiction?. Current Neuropharmacology, 2011, 9, 45-48.	2.9	35
11	A Single Neurotoxic Dose of Methamphetamine Induces a Long-Lasting Depressive-Like Behaviour in Mice. Neurotoxicity Research, 2014, 25, 295-304.	2.7	35
12	Decreased synaptic plasticity in the medial prefrontal cortex underlies short-term memory deficits in 6-OHDA-lesioned rats. Behavioural Brain Research, 2016, 301, 43-54.	2.2	27
13	Methamphetamine, Morphine, and Their Combination: Acute Changes in Striatal Dopaminergic Transmission Evaluated by Microdialysis in Awake Rats. Annals of the New York Academy of Sciences, 2006, 1074, 160-173.	3.8	26
14	Regulation of striatal astrocytic receptor for advanced glycation endâ€products variants in an early stage of experimental Parkinson's disease. Journal of Neurochemistry, 2016, 138, 598-609.	3.9	23
15	Influence of Chronic Exercise on the Amphetamineâ€Induced Dopamine Release and Neurodegeneration in the Striatum of the Rat. Annals of the New York Academy of Sciences, 2008, 1139, 222-231.	3.8	22
16	Co-Administration of Ondansetron Decreases the Analgesic Efficacy of Tramadol in Humans. Pharmacology, 2011, 88, 182-187.	2.2	22
17	High sucrose consumption induces memory impairment in rats associated with electrophysiological modifications but not with metabolic changes in the hippocampus. Neuroscience, 2016, 315, 196-205.	2.3	22
18	Disruption of striatal glutamatergic/GABAergic homeostasis following acute methamphetamine in mice. Neurotoxicology and Teratology, 2012, 34, 522-529.	2.4	21

#	Article	IF	Citations
19	Pharmacotherapeutic strategies for methamphetamine use disorder: mind the subgroups. Expert Opinion on Pharmacotherapy, 2019, 20, 2273-2293.	1.8	21
20	Acute Increase of the Glutamateâ€“Glutamine Cycling in Discrete Brain Areas after Administration of a Single Dose of Amphetamine. Annals of the New York Academy of Sciences, 2008, 1139, 212-221.	3.8	20
21	Buprenorphine Modulates Methamphetamine-Induced Dopamine Dynamics in the Rat Caudate Nucleus. Neurotoxicity Research, 2011, 19, 94-101.	2.7	20
22	Dexamethasone Effect on Postoperative Pain and Tramadol Requirement after Thyroidectomy. Pharmacology, 2013, 91, 153-157.	2.2	20
23	Impaired adrenal medullary function in a mouse model of depression induced by unpredictable chronic stress. European Neuropsychopharmacology, 2015, 25, 1753-1766.	0.7	18
24	Long-Term Neurobehavioral Consequences of a Single Ketamine Neonatal Exposure in Rats: Effects on Cellular Viability and Glutamate Transport in Frontal Cortex and Hippocampus. Neurotoxicity Research, 2018, 34, 649-659.	2.7	18
25	The Impact of Physical Exercise on the Circulating Levels of BDNF and NT 4/5: A Review. International Journal of Molecular Sciences, 2021, 22, 8814.	4.1	18
26	Acute changes in dopamine release and turnover in rat caudate nucleus following a single dose of methamphetamine. Journal of Neural Transmission, 2002, 109, 1151-1158.	2.8	16
27	The role of inflammation in diabetic cardiomyopathy. International Journal of Interferon, Cytokine and Mediator Research, 0, , 59.	1.1	13
28	Toxicity of the amphetamine metabolites 4-hydroxyamphetamine and 4-hydroxynorephedrine in human dopaminergic differentiated SH-SY5Y cells. Toxicology Letters, 2017, 269, 65-76.	0.8	13
29	Parkinsonâ€™s disease-associated GPR37 receptor regulates cocaine-mediated synaptic depression in corticostriatal synapses. Neuroscience Letters, 2017, 638, 162-166.	2.1	13
30	Circulating Extracellular Vesicles: The Missing Link between Physical Exercise and Depression Management?. International Journal of Molecular Sciences, 2021, 22, 542.	4.1	13
31	Mechanistic perspectives on differential mitochondrial-based neuroprotective effects of several carnitine forms in Alzheimerâ€™s disease in vitro model. Archives of Toxicology, 2021, 95, 2769-2784.	4.2	13
32	Modulation of glucose-induced insulin secretion by cytosolic redox state in clonal Î²-cells. Molecular and Cellular Endocrinology, 1999, 154, 79-88.	3.2	12
33	Insulinotropic Action of White Lupine Seeds (Lupinus albus L.): Effects on Ion Fluxes and Insulin Secretion from Isolated Pancreatic Islets. Biomedical Research, 2001, 22, 103-109.	0.9	12
34	Lack of hydroxyl radical generation upon central administration of methamphetamine in rat caudate nucleus: A microdialysis study. Neurotoxicity Research, 2004, 6, 149-152.	2.7	12
35	Adaptation to Repeated Cocaine Administration in Rats. Annals of the New York Academy of Sciences, 2002, 965, 172-179.	3.8	12
36	Methamphetamine Induces Anhedonicâ€Like Behavior and Impairs Frontal Cortical Energetics in Mice. CNS Neuroscience and Therapeutics, 2017, 23, 119-126.	3.9	12

#	Article	IF	Citations
37	Efficacy Analysis of Capsaicin 8% Patch in Neuropathic Peripheral Pain Treatment. Pharmacology, 2018, 101, 290-297.	2.2	12
38	Monophosphoryl Lipid-A: A Promising Tool for Alzheimerâ€™s Disease Toll. Journal of Alzheimer's Disease, 2016, 52, 1189-1202.	2.6	11
39	The effects of physical exercise on nonmotor symptoms and on neuroimmune RAGE network in experimental parkinsonism. Journal of Applied Physiology, 2017, 123, 161-171.	2.5	11
40	Coriolus versicolor biomass increases dendritic arborization of newly-generated neurons in mouse hippocampal dentate gyrus. Oncotarget, 2018, 9, 32929-32942.	1.8	11
41	Subtle thinning of retinal layers without overt vascular and inflammatory alterations in a rat model of prediabetes. Molecular Vision, 2018, 24, 353-366.	1.1	11
42	Repeated Administration of Clinically Relevant Doses of the Prescription Opioids Tramadol and Tapentadol Causes Lung, Cardiac, and Brain Toxicity in Wistar Rats. Pharmaceuticals, 2021, 14, 97.	3.8	10
43	Propentophylline increases striatal dopamine release but dampens methamphetamine-induced dopamine dynamics: A microdialysis study. Neurochemistry International, 2014, 76, 109-113.	3.8	9
44	Presymptomatic <scp>MPTP</scp> Mice Show Neurotrophic S100B/<scp>mRAGE</scp> Striatal Levels. CNS Neuroscience and Therapeutics, 2016, 22, 396-403.	3.9	9
45	Aged rats are more vulnerable than adolescents to â€œecstasyâ€•induced toxicity. Archives of Toxicology, 2018, 92, 2275-2295.	4.2	9
46	Diabetic encephalopathy: the role of oxidative stress and inflammation in type 2 diabetes. International Journal of Interferon, Cytokine and Mediator Research, 0, , 75.	1.1	8
47	A Single Exposure to Morphine Induces Long-Lasting Hyporeactivity of Rat Caudate Putamen Dopaminergic Nerve Terminals. Annals of the New York Academy of Sciences, 2004, 1025, 414-423.	3.8	7
48	Modeling chronic brain exposure to amphetamines using primary rat neuronal cortical cultures. Neuroscience, 2014, 277, 417-434.	2.3	7
49	Intravascular imaging, histopathological analysis, and catecholamine quantification following catheter-based renal denervation in a swine model: the impact of prebifurcation energy delivery. Hypertension Research, 2018, 41, 708-717.	2.7	5
50	Single Low Dose of Cocaineâ€“Structural Brain Injury Without Metabolic and Behavioral Changes. Frontiers in Neuroscience, 2020, 14, 589897.	2.8	5
51	Neurotoxicity of amphetamine and its metabolite 4-hydroxynorephedrine on differentiated SH-SY5Y dopaminergic cells. Toxicology Letters, 2015, 238, S358.	0.8	1
52	Acute MDPV Binge Paradigm on Mice Emotional Behavior and Glial Signature. Pharmaceuticals, 2021, 14, 271.	3.8	1
53	Keep an eye on the impact of caffeine on the recovery of the cardiovascular system after exercise. Revista Portuguesa De Cardiologia, 2021, 40, 407-408.	0.5	1
54	Bursting Electrical Activity Generated in the Presence of KATP Channel Blockers. Advances in Experimental Medicine and Biology, 1997, 426, 33-41.	1.6	1

#	Article	IF	Citations
55	â€˜Ecstasyâ€™ and amphetamine induce developmental neurotoxicity to immature cultured rat cortical neurons. Toxicology Letters, 2011, 205, S113.	0.8	0
56	P.1.g.070 Dopaminergic and serotonergic dysfunctions induced by methamphetamine in mice are decreased by aerobic exercise. European Neuropsychopharmacology, 2013, 23, S231.	0.7	0
57	â€˜Ecstasyâ€™ and amphetamine neurotoxicity to cultured rat cortical neurons in a continuous exposure model. Toxicology Letters, 2013, 221, S233.	0.8	0
58	Heartfelt exercise: Physical exercise gets the cardiovascular system into shape. Revista Portuguesa De Cardiologia (English Edition), 2019, 38, 347-348.	0.2	0
59	Heartfelt exercise: Physical exercise gets the cardiovascular system into shape. Revista Portuguesa De Cardiologia, 2019, 38, 347-348.	0.5	0
60	Neuroinflammation and aging. , 2021, , 139-151.		0
61	Keep an eye on the impact of caffeine on the recovery of the cardiovascular system after exercise. Revista Portuguesa De Cardiologia (English Edition), 2021, 40, 407-408.	0.2	0