

Frederico C Pereira

List of Publications by Year in descending order

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61
papers

1,118
citations

394421

19
h-index

454955

30
g-index

64
all docs

64
docs citations

64
times ranked

1788
citing authors

#	ARTICLE	IF	CITATIONS
1	Repeated Administration of Clinically Relevant Doses of the Prescription Opioids Tramadol and Tapentadol Causes Lung, Cardiac, and Brain Toxicity in Wistar Rats. <i>Pharmaceuticals</i> , 2021, 14, 97.	3.8	10
2	Circulating Extracellular Vesicles: The Missing Link between Physical Exercise and Depression Management?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 542.	4.1	13
3	Neuroinflammation and aging. , 2021, , 139-151.		0
4	Acute MDPV Binge Paradigm on Mice Emotional Behavior and Glial Signature. <i>Pharmaceuticals</i> , 2021, 14, 271.	3.8	1
5	Cellular and Molecular Mechanisms Mediating Methylmercury Neurotoxicity and Neuroinflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3101.	4.1	38
6	Mechanistic perspectives on differential mitochondrial-based neuroprotective effects of several carnitine forms in Alzheimer's disease in vitro model. <i>Archives of Toxicology</i> , 2021, 95, 2769-2784.	4.2	13
7	Keep an eye on the impact of caffeine on the recovery of the cardiovascular system after exercise. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2021, 40, 407-408.	0.2	0
8	Keep an eye on the impact of caffeine on the recovery of the cardiovascular system after exercise. <i>Revista Portuguesa De Cardiologia</i> , 2021, 40, 407-408.	0.5	1
9	The Impact of Physical Exercise on the Circulating Levels of BDNF and NT 4/5: A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8814.	4.1	18
10	Single Low Dose of Cocaine's Structural Brain Injury Without Metabolic and Behavioral Changes. <i>Frontiers in Neuroscience</i> , 2020, 14, 589897.	2.8	5
11	Heartfelt exercise: Physical exercise gets the cardiovascular system into shape. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2019, 38, 347-348.	0.2	0
12	Heartfelt exercise: Physical exercise gets the cardiovascular system into shape. <i>Revista Portuguesa De Cardiologia</i> , 2019, 38, 347-348.	0.5	0
13	Pharmacotherapeutic strategies for methamphetamine use disorder: mind the subgroups. <i>Expert Opinion on Pharmacotherapy</i> , 2019, 20, 2273-2293.	1.8	21
14	The neurobiological mechanisms of physical exercise in methamphetamine addiction. <i>CNS Neuroscience and Therapeutics</i> , 2018, 24, 85-97.	3.9	44
15	Efficacy Analysis of Capsaicin 8% Patch in Neuropathic Peripheral Pain Treatment. <i>Pharmacology</i> , 2018, 101, 290-297.	2.2	12
16	Mitochondrial Metabolism Regulates Microtubule Acetylation and Autophagy Through Sirtuin-2: Impact for Parkinson's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 1440-1462.	4.0	45
17	Long-Term Neurobehavioral Consequences of a Single Ketamine Neonatal Exposure in Rats: Effects on Cellular Viability and Glutamate Transport in Frontal Cortex and Hippocampus. <i>Neurotoxicity Research</i> , 2018, 34, 649-659.	2.7	18
18	Intravascular imaging, histopathological analysis, and catecholamine quantification following catheter-based renal denervation in a swine model: the impact of prebifurcation energy delivery. <i>Hypertension Research</i> , 2018, 41, 708-717.	2.7	5

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19	Aged rats are more vulnerable than adolescents to "ecstasy"-induced toxicity. <i>Archives of Toxicology</i> , 2018, 92, 2275-2295.	4.2	9
20	<i>Coriolus versicolor</i> biomass increases dendritic arborization of newly-generated neurons in mouse hippocampal dentate gyrus. <i>Oncotarget</i> , 2018, 9, 32929-32942.	1.8	11
21	Subtle thinning of retinal layers without overt vascular and inflammatory alterations in a rat model of prediabetes. <i>Molecular Vision</i> , 2018, 24, 353-366.	1.1	11
22	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
23	The effects of physical exercise on nonmotor symptoms and on neuroimmune RAGE network in experimental parkinsonism. <i>Journal of Applied Physiology</i> , 2017, 123, 161-171.	2.5	11
24	Parkinson's disease-associated GPR37 receptor regulates cocaine-mediated synaptic depression in corticostriatal synapses. <i>Neuroscience Letters</i> , 2017, 638, 162-166.	2.1	13
25	Methamphetamine Induces Anhedonic-Like Behavior and Impairs Frontal Cortical Energetics in Mice. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 119-126.	3.9	12
26	Glucose and Lipid Dysmetabolism in a Rat Model of Prediabetes Induced by a High-Sucrose Diet. <i>Nutrients</i> , 2017, 9, 638.	4.1	38
27	Presymptomatic MPTP Mice Show Neurotrophic S100B/mRAGE Striatal Levels. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 396-403.	3.9	9
28	Monophosphoryl Lipid-A: A Promising Tool for Alzheimer's Disease Toll. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 1189-1202.	2.6	11
29	Regulation of striatal astrocytic receptor for advanced glycation end-products variants in an early stage of experimental Parkinson's disease. <i>Journal of Neurochemistry</i> , 2016, 138, 598-609.	3.9	23
30	High sucrose consumption induces memory impairment in rats associated with electrophysiological modifications but not with metabolic changes in the hippocampus. <i>Neuroscience</i> , 2016, 315, 196-205.	2.3	22
31	Decreased synaptic plasticity in the medial prefrontal cortex underlies short-term memory deficits in 6-OHDA-lesioned rats. <i>Behavioural Brain Research</i> , 2016, 301, 43-54.	2.2	27
32	Neurotoxicity of amphetamine and its metabolite 4-hydroxynorephedrine on differentiated SH-SY5Y dopaminergic cells. <i>Toxicology Letters</i> , 2015, 238, S358.	0.8	1
33	Impaired adrenal medullary function in a mouse model of depression induced by unpredictable chronic stress. <i>European Neuropsychopharmacology</i> , 2015, 25, 1753-1766.	0.7	18
34	A Single Neurotoxic Dose of Methamphetamine Induces a Long-Lasting Depressive-Like Behaviour in Mice. <i>Neurotoxicity Research</i> , 2014, 25, 295-304.	2.7	35
35	Modeling chronic brain exposure to amphetamines using primary rat neuronal cortical cultures. <i>Neuroscience</i> , 2014, 277, 417-434.	2.3	7
36	Propentophylline increases striatal dopamine release but dampens methamphetamine-induced dopamine dynamics: A microdialysis study. <i>Neurochemistry International</i> , 2014, 76, 109-113.	3.8	9

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37	Early cardiac changes in a rat model of prediabetes: brain natriuretic peptide overexpression seems to be the best marker. <i>Cardiovascular Diabetology</i> , 2013, 12, 44.	6.8	66
38	Spatial memory impairments in a prediabetic rat model. <i>Neuroscience</i> , 2013, 250, 565-577.	2.3	80
39	P.1.g.070 Dopaminergic and serotonergic dysfunctions induced by methamphetamine in mice are decreased by aerobic exercise. <i>European Neuropsychopharmacology</i> , 2013, 23, S231.	0.7	0
40	â€˜Ecstasyâ€™™ and amphetamine neurotoxicity to cultured rat cortical neurons in a continuous exposure model. <i>Toxicology Letters</i> , 2013, 221, S233.	0.8	0
41	Dexamethasone Effect on Postoperative Pain and Tramadol Requirement after Thyroidectomy. <i>Pharmacology</i> , 2013, 91, 153-157.	2.2	20
42	Disruption of striatal glutamatergic/GABAergic homeostasis following acute methamphetamine in mice. <i>Neurotoxicology and Teratology</i> , 2012, 34, 522-529.	2.4	21
43	Co-Administration of Ondansetron Decreases the Analgesic Efficacy of Tramadol in Humans. <i>Pharmacology</i> , 2011, 88, 182-187.	2.2	22
44	â€˜Ecstasyâ€™™ and amphetamine induce developmental neurotoxicity to immature cultured rat cortical neurons. <i>Toxicology Letters</i> , 2011, 205, S113.	0.8	0
45	Buprenorphine Modulates Methamphetamine-Induced Dopamine Dynamics in the Rat Caudate Nucleus. <i>Neurotoxicity Research</i> , 2011, 19, 94-101.	2.7	20
46	May Exercise Prevent Addiction?. <i>Current Neuropharmacology</i> , 2011, 9, 45-48.	2.9	35
47	Methamphetamine Changes NMDA and AMPA Glutamate Receptor Subunit Levels in the Rat Striatum and Frontal Cortex. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 232-241.	3.8	39
48	Acute Increase of the Glutamateâ€˜Glutamine Cycling in Discrete Brain Areas after Administration of a Single Dose of Amphetamine. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 212-221.	3.8	20
49	Influence of Chronic Exercise on the Amphetamineâ€˜Induced Dopamine Release and Neurodegeneration in the Striatum of the Rat. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 222-231.	3.8	22
50	Methamphetamine induces alterations on hippocampal NMDA and AMPA receptor subunit levels and impairs spatial working memory. <i>Neuroscience</i> , 2007, 150, 433-441.	2.3	91
51	Single or multiple injections of methamphetamine increased dopamine turnover but did not decrease tyrosine hydroxylase levels or cleave caspase-3 in caudate-putamen. <i>Synapse</i> , 2006, 60, 185-193.	1.2	36
52	Methamphetamine, Morphine, and Their Combination: Acute Changes in Striatal Dopaminergic Transmission Evaluated by Microdialysis in Awake Rats. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 160-173.	3.8	26
53	A Single Exposure to Morphine Induces Long-Lasting Hyporeactivity of Rat Caudate Putamen Dopaminergic Nerve Terminals. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 414-423.	3.8	7
54	Lack of hydroxyl radical generation upon central administration of methamphetamine in rat caudate nucleus: A microdialysis study. <i>Neurotoxicity Research</i> , 2004, 6, 149-152.	2.7	12

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55	Acute changes in dopamine release and turnover in rat caudate nucleus following a single dose of methamphetamine. <i>Journal of Neural Transmission</i> , 2002, 109, 1151-1158.	2.8	16
56	Adaptation to Repeated Cocaine Administration in Rats. <i>Annals of the New York Academy of Sciences</i> , 2002, 965, 172-179.	3.8	12
57	Insulinotropic Action of White Lupine Seeds (<i>Lupinus albus</i> L.): Effects on Ion Fluxes and Insulin Secretion from Isolated Pancreatic Islets. <i>Biomedical Research</i> , 2001, 22, 103-109.	0.9	12
58	Modulation of glucose-induced insulin secretion by cytosolic redox state in clonal β 2-cells. <i>Molecular and Cellular Endocrinology</i> , 1999, 154, 79-88.	3.2	12
59	Bursting Electrical Activity Generated in the Presence of KATP Channel Blockers. <i>Advances in Experimental Medicine and Biology</i> , 1997, 426, 33-41.	1.6	1
60	Diabetic encephalopathy: the role of oxidative stress and inflammation in type 2 diabetes. <i>International Journal of Interferon, Cytokine and Mediator Research</i> , 0, , 75.	1.1	8
61	The role of inflammation in diabetic cardiomyopathy. <i>International Journal of Interferon, Cytokine and Mediator Research</i> , 0, , 59.	1.1	13