

# Carlos Fontes Ribeiro

## List of Publications by Year in descending order

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107  
papers

2,952  
citations

172207

29  
h-index

205818

48  
g-index

111  
all docs

111  
docs citations

111  
times ranked

4604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aging Hallmarks: The Benefits of Physical Exercise. <i>Frontiers in Endocrinology</i> , 2018, 9, 258.	1.5	148
2	Methamphetamine-induced neuroinflammation and neuronal dysfunction in the mice hippocampus: preventive effect of indomethacin. <i>European Journal of Neuroscience</i> , 2010, 31, 315-326.	1.2	125
3	Methamphetamine transiently increases the blood-brain barrier permeability in the hippocampus: Role of tight junction proteins and matrix metalloproteinase-9. <i>Brain Research</i> , 2011, 1411, 28-40.	1.1	110
4	Methamphetamine-induced Early Increase of IL-6 and TNF- $\alpha$ mRNA Expression in the Mouse Brain. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 103-111.	1.8	106
5	Sitagliptin Prevents Inflammation and Apoptotic Cell Death in the Kidney of Type 2 Diabetic Animals. <i>Mediators of Inflammation</i> , 2014, 2014, 1-15.	1.4	97
6	Chemotherapy induces stemness in osteosarcoma cells through activation of Wnt/ $\beta$ -catenin signaling. <i>Cancer Letters</i> , 2016, 370, 286-295.	3.2	94
7	Methamphetamine induces alterations on hippocampal NMDA and AMPA receptor subunit levels and impairs spatial working memory. <i>Neuroscience</i> , 2007, 150, 433-441.	1.1	91
8	Spatial memory impairments in a prediabetic rat model. <i>Neuroscience</i> , 2013, 250, 565-577.	1.1	80
9	An Aqueous Extract of Valerian Influences the Transport of GABA in Synaptosomes. <i>Planta Medica</i> , 1994, 60, 278-279.	0.7	72
10	The TNF- $\alpha$ /NF- $\kappa$ B Signaling Pathway has a Key Role in Methamphetamine-Induced Blood-Brain Barrier Dysfunction. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1260-1271.	2.4	72
11	IWR-1, a tankyrase inhibitor, attenuates Wnt/ $\beta$ -catenin signaling in cancer stem-like cells and inhibits in vivo the growth of a subcutaneous human osteosarcoma xenograft. <i>Cancer Letters</i> , 2018, 414, 1-15.	3.2	72
12	Dipeptidyl peptidase-IV inhibition prevents blood-retinal barrier breakdown, inflammation and neuronal cell death in the retina of type 1 diabetic rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1454-1463.	1.8	64
13	Prevention of methamphetamine-induced microglial cell death by TNF- $\alpha$ and IL-6 through activation of the JAK-STAT pathway. <i>Journal of Neuroinflammation</i> , 2012, 9, 103.	3.1	62
14	Causality assessment of adverse drug reactions: comparison of the results obtained from published decisional algorithms and from the evaluations of an expert panel. <i>Pharmacoepidemiology and Drug Safety</i> , 2005, 14, 885-890.	0.9	59
15	Photosensitivity to piroxicam: absence of cross-reaction with tenoxicam. <i>Contact Dermatitis</i> , 1992, 27, 287-290.	0.8	55
16	Impact of Neuroinflammation on Hippocampal Neurogenesis: Relevance to Aging and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S161-S168.	1.2	54
17	Brain Blood Flow SPET Imaging in Heroin Abusers. <i>Annals of the New York Academy of Sciences</i> , 2006, 1074, 466-477.	1.8	50
18	Reduced levels of circulating endothelial progenitor cells in acute myocardial infarction patients with diabetes or pre-diabetes: accompanying the glycemic continuum. <i>Cardiovascular Diabetology</i> , 2014, 13, 101.	2.7	48

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19	Effect of Hypoproteic and High-Fat Diets on Hippocampal Blood-Brain Barrier Permeability and Oxidative Stress. <i>Frontiers in Nutrition</i> , 2018, 5, 131.	1.6	46
20	Neuropeptide Y promotes neurogenesis and protection against methamphetamine-induced toxicity in mouse dentate gyrus-derived neurosphere cultures. <i>Neuropharmacology</i> , 2012, 62, 2413-2423.	2.0	42
21	Extended-access methamphetamine self-administration elicits neuroinflammatory response along with blood-brain barrier breakdown. <i>Brain, Behavior, and Immunity</i> , 2017, 62, 306-317.	2.0	42
22	Protective role of neuropeptide Y <sub>2</sub> receptors in cell death and microglial response following methamphetamine injury. <i>European Journal of Neuroscience</i> , 2012, 36, 3173-3183.	1.2	41
23	Protective Effect of a GLP-1 Analog on Ischemia-Reperfusion Induced Blood-Retinal Barrier Breakdown and Inflammation. , 2016, 57, 2584.		41
24	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.	1.8	39
25	Cellular and Molecular Mechanisms Mediating Methylmercury Neurotoxicity and Neuroinflammation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3101.	1.8	38
26	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.	0.6	36
27	May Exercise Prevent Addiction?. <i>Current Neuropharmacology</i> , 2011, 9, 45-48.	1.4	35
28	A Single Neurotoxic Dose of Methamphetamine Induces a Long-Lasting Depressive-Like Behaviour in Mice. <i>Neurotoxicity Research</i> , 2014, 25, 295-304.	1.3	35
29	The interplay between glioblastoma and microglia cells leads to endothelial cell monolayer dysfunction via the interleukin-6-induced JAK2/STAT3 pathway. <i>Journal of Cellular Physiology</i> , 2019, 234, 19750-19760.	2.0	35
30	Methylphenidate-triggered ROS generation promotes caveolae-mediated transcytosis via Rac1 signaling and c-Src-dependent caveolin-1 phosphorylation in human brain endothelial cells. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 4701-4716.	2.4	32
31	Migraine, Serum Serotonin and Platelet 5-HT <sub>2</sub> Receptors. <i>Cephalalgia</i> , 1990, 10, 213-219.	1.8	29
32	Sensitizing osteosarcoma stem cells to doxorubicin-induced apoptosis through retention of doxorubicin and modulation of apoptotic-related proteins. <i>Life Sciences</i> , 2015, 130, 47-56.	2.0	29
33	Region-specific control of microglia by adenosine A <sub>2A</sub> receptors: uncoupling anxiety and associated cognitive deficits in female rats. <i>Glia</i> , 2019, 67, 182-192.	2.5	29
34	In vitro and in vivo evaluation of an intraocular implant for glaucoma treatment. <i>International Journal of Pharmaceutics</i> , 2011, 415, 73-82.	2.6	28
35	Methamphetamine-induced changes in the mice hippocampal neuropeptide Y system: implications for memory impairment. <i>Journal of Neurochemistry</i> , 2012, 123, 1041-1053.	2.1	28
36	Angiotensin II mediates catecholamine and neuropeptide Y secretion in human adrenal chromaffin cells through the AT <sub>1</sub> receptor. <i>Regulatory Peptides</i> , 2003, 111, 61-65.	1.9	27

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37	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.	1.8	26
38	Stimulation of endothelial progenitor cells: a new putative effect of several cardiovascular drugs. <i>European Journal of Clinical Pharmacology</i> , 2010, 66, 219-230.	0.8	25
39	Aquaporin-4 as a New Target against Methamphetamine-Induced Brain Alterations: Focus on the Neurogliovascular Unit and Motivational Behavior. <i>Molecular Neurobiology</i> , 2018, 55, 2056-2069.	1.9	25
40	First-time oral administration of resveratrol-loaded layer-by-layer nanoparticles to rats – a pharmacokinetics study. <i>Analyst</i> , 2019, 144, 2062-2079.	1.7	25
41	Catecholamine and MHPG plasma levels, platelet MAO activity, and 3H-imipramine binding in heroin and cocaine addicts. <i>Molecular Neurobiology</i> , 1995, 11, 21-29.	1.9	24
42	Impact of developmental exposure to methylphenidate on rat brain's immune privilege and behavior: Control versus ADHD model. <i>Brain, Behavior, and Immunity</i> , 2018, 68, 169-182.	2.0	24
43	Experimental studies on the mechanisms of tiaprofenic acid photosensitization. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 18, 161-168.	1.7	23
44	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.	2.1	23
45	Influence of Chronic Exercise on the Amphetamine-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.	1.8	22
46	Co-Administration of Ondansetron Decreases the Analgesic Efficacy of Tramadol in Humans. <i>Pharmacology</i> , 2011, 88, 182-187.	0.9	22
47	Effect of eslicarbazepine acetate on the pharmacokinetics of metformin in healthy subjects. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2009, 47, 255-261.	0.3	21
48	Acute Increase of the Glutamate-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.	1.8	20
49	A poly( $\mu$ -caprolactone) device for sustained release of an anti-glaucoma drug. <i>Biomedical Materials (Bristol)</i> , 2011, 6, 025003.	1.7	20
50	Buprenorphine Modulates Methamphetamine-Induced Dopamine Dynamics in the Rat Caudate Nucleus. <i>Neurotoxicity Research</i> , 2011, 19, 94-101.	1.3	20
51	Dexamethasone Effect on Postoperative Pain and Tramadol Requirement after Thyroidectomy. <i>Pharmacology</i> , 2013, 91, 153-157.	0.9	20
52	Eslicarbazepine Acetate (BIA 2-093). <i>Drugs in R and D</i> , 2005, 6, 253-260.	1.1	19
53	Intrinsic Vascular Repair by Endothelial Progenitor Cells in Acute Coronary Syndromes: an Update Overview. <i>Stem Cell Reviews and Reports</i> , 2019, 15, 35-47.	5.6	19
54	The dipeptidyl peptidase-4 (DPP-4) inhibitor sitagliptin ameliorates retinal endothelial cell dysfunction triggered by inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 833-838.	2.5	18

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55	Therapeutic potential of the metabolic modulator Metformin on osteosarcoma cancer stem-like cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2018, 81, 49-63.	1.1	18
56	Total and regional bone mineral and tissue composition in female adolescent athletes: comparison between volleyball players and swimmers. <i>BMC Pediatrics</i> , 2018, 18, 212.	0.7	18
57	Dosage Form Proportionality and Food Effect of the Final Tablet Formulation of Eslicarbazepine Acetate. <i>Drugs in R and D</i> , 2008, 9, 447-454.	1.1	17
58	Influence of 0.1 or 0.2% Cholesterol-Enriched Diets on the Induction of Atherosclerosis and Aorta Reactivity In Vitro. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, 690-699.	0.8	16
59	l-5-Hydroxytryptophan in the Prophylaxis of Chronic Tension-type Headache: A Double-Blind, Randomized, Placebo-Controlled Study. <i>Headache</i> , 2000, 40, 451-456.	1.8	15
60	Presynaptic dopamine receptors involved in the inhibition of noradrenaline and dopamine release in the human gastric and uterine arteries. <i>Fundamental and Clinical Pharmacology</i> , 1999, 13, 662-670.	1.0	14
61	The dipeptidyl peptidase 4 inhibitor sitagliptin improves oxidative stress and ameliorates glomerular lesions in a rat model of type 1 diabetes. <i>Life Sciences</i> , 2019, 234, 116738.	2.0	14
62	Effects of aerobic physical exercise on neuroplasticity after stroke: systematic review. <i>Arquivos De Neuro-Psiquiatria</i> , 2021, 79, 832-843.	0.3	14
63	Methamphetamine decreases dentate gyrus stem cell self-renewal and shifts the differentiation towards neuronal fate. <i>Stem Cell Research</i> , 2014, 13, 329-341.	0.3	13
64	Circulating Endothelial Progenitor Cells as a Predictor of Response to Cardiac Resynchronization Therapy: The Missing Piece of the Puzzle?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014, 37, 731-739.	0.5	13
65	Farmacovigilância em Portugal: Atividade da Unidade Regional do Centro. <i>Acta Medica Portuguesa</i> , 2015, 28, 222-232.	0.2	13
66	Effect of chronic methylphenidate treatment on hippocampal neurovascular unit and memory performance in late adolescent rats. <i>European Neuropsychopharmacology</i> , 2019, 29, 195-210.	0.3	13
67	Synthesis, Characterization and Photodynamic Activity against Bladder Cancer Cells of Novel Triazole-Porphyrin Derivatives. <i>Molecules</i> , 2020, 25, 1607.	1.7	13
68	Circulating Extracellular Vesicles: The Missing Link between Physical Exercise and Depression Management?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 542.	1.8	13
69	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.	1.3	12
70	Methamphetamine Induces Anhedonic-Like Behavior and Impairs Frontal Cortical Energetics in Mice. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 119-126.	1.9	12
71	Caveolin-1 Modulation Increases Efficacy of a Galacto-Conjugated Phthalocyanine in Bladder Cancer Cells Resistant to Photodynamic Therapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 2145-2154.	2.3	12
72	Influence of the sample preparation method on the serotonin determination in plasma and platelets. <i>Biomedical Chromatography</i> , 2004, 18, 739-744.	0.8	11

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73	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.	1.2	11
74	Prevalence of vitamin D deficiency amongst soccer athletes and effects of 8 weeks supplementation. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 693-699.	0.4	11
75	<i>Coriolus versicolor</i> biomass increases dendritic arborization of newly-generated neurons in mouse hippocampal dentate gyrus. <i>Oncotarget</i> , 2018, 9, 32929-32942.	0.8	11
76	Characterization of the human basilar artery contractile response to 5-HT and triptans. <i>Fundamental and Clinical Pharmacology</i> , 2007, 21, 265-272.	1.0	10
77	Endothelial progenitor cells in diabetic patients with myocardial infarction – Can statins improve their function?. <i>European Journal of Pharmacology</i> , 2014, 741, 25-36.	1.7	10
78	Pharmacological Characterization of the Postsynaptic Serotonergic Receptor in the Human Uterine Artery. <i>Pharmacology</i> , 1991, 43, 264-272.	0.9	9
79	Presymptomatic MPTP Mice Show Neurotrophic S100B/mRAGE Striatal Levels. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 396-403.	1.9	9
80	Bone tissue, blood lipids and inflammatory profiles in adolescent male athletes from sports contrasting in mechanical load. <i>PLoS ONE</i> , 2017, 12, e0180357.	1.1	9
81	Circadian and seasonal variation of endogenous ubiquinone plasma level. <i>Chronobiology International</i> , 2002, 19, 599-614.	0.9	8
82	Cyclosporin effect on noradrenaline release from the sympathetic nervous endings of rat aorta. <i>Pharmacological Research</i> , 2003, 47, 27-33.	3.1	8
83	Improvement in circulating endothelial progenitor cells pool after cardiac resynchronization therapy: increasing the list of benefits. <i>Stem Cell Research and Therapy</i> , 2020, 11, 194.	2.4	8
84	Influence of Concurrent Heroin and Cocaine Abuse on the Adrenergic and Serotonergic Systems in Man. <i>Annals of the New York Academy of Sciences</i> , 1998, 844, 208-213.	1.8	7
85	Effects of Neuropeptides on the Sumatriptan-Disturbed Circulation in the Optic Nerve Head of Rabbits. <i>Pharmacology</i> , 2004, 70, 152-159.	0.9	7
86	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.	1.8	7
87	Role of Methamphetamine on Glioblastoma Cytotoxicity Induced by Doxorubicin and Methotrexate. <i>Neurotoxicity Research</i> , 2014, 26, 216-227.	1.3	7
88	Effect of nebicapone on the pharmacokinetics and pharmacodynamics of warfarin in healthy subjects. <i>European Journal of Clinical Pharmacology</i> , 2008, 64, 961-966.	0.8	6
89	Impact of prior chronic statin therapy and high-intensity statin therapy at discharge on circulating endothelial progenitor cell levels in patients with acute myocardial infarction: a prospective observational study. <i>European Journal of Clinical Pharmacology</i> , 2014, 70, 1181-1193.	0.8	6
90	The effect of parthenolide on methamphetamine-induced blood-brain barrier and astrocyte alterations. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13694.	1.7	6

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91	Nitric Oxide Production and Nitric Oxide Synthase Expression in Platelets from Heroin Abusers before and after Ultrarapid Detoxification. <i>Annals of the New York Academy of Sciences</i> , 2002, 965, 479-486.	1.8	5
92	Pharmacology of serotonin neuronal systems. <i>Human Psychopharmacology</i> , 1991, 6, S37-S51.	0.7	4
93	Electrical stimulation-induced release of dopamine and noradrenaline in human blood vessels. <i>Bioelectrochemistry</i> , 1995, 38, 281-287.	1.0	4
94	Tachyphylaxis to the Sumatriptan-Induced Contractile Effect in the Human Uterine Artery but Not in Human Cerebral Blood Vessels: Pharmacological Demonstration of the 5-HT <sub>1B</sub> Receptor Functionality Loss. <i>Pharmacology</i> , 2012, 89, 29-36.	0.9	4
95	Challenges in Vascular Repair by Endothelial Progenitor Cells in Diabetic Patients. <i>Cardiovascular &amp; Hematological Disorders Drug Targets</i> , 2010, 10, 161-166.	0.2	4
96	Adenosine A2A Receptor Blockade Modulates Glucocorticoid-Induced Morphological Alterations in Axons, But Not in Dendrites, of Hippocampal Neurons. <i>Frontiers in Pharmacology</i> , 2018, 9, 219.	1.6	3
97	Protective effect of neuropeptide Y2 receptor activation against methamphetamine-induced brain endothelial cell alterations. <i>Toxicology Letters</i> , 2020, 334, 53-59.	0.4	3
98	Unraveling the Photodynamic Activity of Cationic Benzoporphyrin-Based Photosensitizers against Bladder Cancer Cells. <i>Molecules</i> , 2021, 26, 5312.	1.7	3
99	Improvement of Glycaemia and Endothelial Function by a New Low-Dose Curcuminoid in an Animal Model of Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5652.	1.8	3
100	TIAPROFENIC ACID-INDUCED PHOTOHEMOLYSIS IN VITRO IS INHIBITED BY NIMESULIDE. <i>Drug Metabolism and Drug Interactions</i> , 1992, 10, 293-306.	0.3	2
101	Influence of food and drugs on the bioavailability of antiepileptic drugs. , 2005, , 93-110.		2
102	Acute MDPV Binge Paradigm on Mice Emotional Behavior and Glial Signature. <i>Pharmaceuticals</i> , 2021, 14, 271.	1.7	1
103	Validation of the Therapeutic Self-Care Scale-European Portuguese Version in Primary Care Type 2 Diabetes Adults. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3750.	1.2	1
104	Endothelium-dependent relaxation to apomorphine Is increased by serotonin in the human uterine artery. <i>European Journal of Pharmacology</i> , 1990, 183, 1790.	1.7	0
105	Future research: a clinical prospective. , 2005, , 458-474.		0
106	In July 2019 the Portuguese Society of Myology was officially born: the first message from the founders. <i>European Journal of Translational Myology</i> , 2019, 29, 8549.	0.8	0
107	Neuroinflammation and aging. , 2021, , 139-151.		0