

Paulo Pires

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.

44 papers	1,117 citations	18 h-index	33 g-index
54 ext. papers	1,341 ext. citations	4.9 avg, IF	4.46 L-index

#	Paper	IF	Citations
44	Direct regulation of blood pressure by smooth muscle cell mineralocorticoid receptors. <i>Nature Medicine</i> , 2012 , 18, 1429-33	50.5	240
43	The effects of hypertension on the cerebral circulation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H1598-614	5.2	228
42	Localized TRPA1 channel Ca ²⁺ signals stimulated by reactive oxygen species promote cerebral artery dilation. <i>Science Signaling</i> , 2015 , 8, ra2	8.8	97
41	Doxycycline, a matrix metalloprotease inhibitor, reduces vascular remodeling and damage after cerebral ischemia in stroke-prone spontaneously hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H87-97	5.2	57
40	The effects of obesity on the cerebral vasculature. <i>Current Vascular Pharmacology</i> , 2014 , 12, 462-72	3.3	48
39	Regulation of myogenic tone and structure of parenchymal arterioles by hypertension and the mineralocorticoid receptor. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H127-36	5.2	42
38	Neuroprotective effects of TRPA1 channels in the cerebral endothelium following ischemic stroke. <i>ELife</i> , 2018 , 7,	8.9	41
37	Unitary TRPV3 channel Ca ²⁺ influx events elicit endothelium-dependent dilation of cerebral parenchymal arterioles. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H2031-41	5.2	40
36	The angiotensin II receptor type 1b is the primary sensor of intraluminal pressure in cerebral artery smooth muscle cells. <i>Journal of Physiology</i> , 2017 , 595, 4735-4753	3.9	35
35	Tempol, a superoxide dismutase mimetic, prevents cerebral vessel remodeling in hypertensive rats. <i>Microvascular Research</i> , 2010 , 80, 445-52	3.7	34
34	Effects of gestational and lactational fenvalerate exposure on immune and reproductive systems of male rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010 , 73, 952-64	3.2	33
33	Improvement in middle cerebral artery structure and endothelial function in stroke-prone spontaneously hypertensive rats after macrophage depletion. <i>Microcirculation</i> , 2013 , 20, 650-61	2.9	29
32	Tumor necrosis factor- α inhibition attenuates middle cerebral artery remodeling but increases cerebral ischemic damage in hypertensive rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H658-69	5.2	28
31	The development of hypertension and hyperaldosteronism in a rodent model of life-long obesity. <i>Endocrinology</i> , 2012 , 153, 1764-73	4.8	25
30	Brain endothelial cell TRPA1 channels initiate neurovascular coupling. <i>ELife</i> , 2021 , 10,	8.9	23
29	Microtubule structures underlying the sarcoplasmic reticulum support peripheral coupling sites to regulate smooth muscle contractility. <i>Science Signaling</i> , 2017 , 10,	8.8	21
28	Redox regulation of transient receptor potential channels in the endothelium. <i>Microcirculation</i> , 2017 , 24, e12329	2.9	21

27	Nanoscale remodeling of ryanodine receptor cluster size underlies cerebral microvascular dysfunction in Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E9745-E9752	11.5	20
26	Isolation and Cannulation of Cerebral Parenchymal Arterioles. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	12
25	Chronic ethanol intake promotes double glutathione S-transferase/transforming growth factor-alpha-positive hepatocellular lesions in male Wistar rats. <i>Cancer Science</i> , 2008 , 99, 221-8	6.9	9
24	DOCA-salt hypertension impairs artery function in rat middle cerebral artery and parenchymal arterioles. <i>Microcirculation</i> , 2016 , 23, 571-579	2.9	6
23	Liver lesions produced by aflatoxins in <i>Rana catesbeiana</i> (bullfrog). <i>Ecotoxicology and Environmental Safety</i> , 2007 , 68, 71-8	7	6
22	Mineralocorticoid receptor antagonism prevents obesity-induced cerebral artery remodeling and reduces white matter injury in rats. <i>Microcirculation</i> , 2018 , 25, e12460	2.9	6
21	Metalloproteinases 2 and 9 activity during promotion and progression stages of rat liver carcinogenesis. <i>Journal of Molecular Histology</i> , 2009 , 40, 1-11	3.3	3
20	Amyloid- disrupts unitary calcium entry through endothelial NMDA receptors in mouse cerebral arteries. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 271678X211039592	7.3	3
19	Cannabinoids during ischemic strokes: friends or foes?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018 , 314, H1155-H1156	5.2	2
18	Cerebral Capillary TRPA1 Channels Mediate Functional Hyperemia via Retrograde Conducted Vasodilation. <i>FASEB Journal</i> , 2018 , 32, 843.7	0.9	1
17	Brain Endothelial Cell TRPA1 Channels Initiate Neurovascular Coupling		1
16	The Effects of Hypertension on Cerebral Artery Structure and Function, and Cerebral Blood Flow 2016 , 99-134		0
15	Endothelial TRPA1 Channels Are Activated by Hypoxia in Cerebral Arteries and Protect Against Ischemic Damage. <i>FASEB Journal</i> , 2018 , 32, 900.5	0.9	
14	Junctophilin-2 Supports Functional Coupling Between Type 2 Ryanodine Receptors and BK Channels in Vascular Smooth Muscle Cells. <i>FASEB Journal</i> , 2018 , 32, 843.6	0.9	
13	TRPV3 Sparklets Mediate Endothelium-Dependent Dilation of Cerebral Parenchymal Arterioles. <i>FASEB Journal</i> , 2015 , 29, 795.2	0.9	
12	Microtubules Couple Sarcoplasmic Reticulum Calcium Release to TRPM4 and BK Channel Activation in Cerebral Artery Myocytes. <i>FASEB Journal</i> , 2015 , 29, 795.9	0.9	
11	The Angiotensin II Type-1 Receptor Is a Mechanosensor in Cerebral Parenchymal Arteriole Smooth Muscle Cells. <i>FASEB Journal</i> , 2015 , 29, 832.1	0.9	
10	Entanercept reduces vessel remodeling in stroke prone spontaneously hypertensive rats. <i>FASEB Journal</i> , 2009 , 23, 805.11	0.9	

9	Antioxidant treatment with tempol prevents obesity induced remodeling of middle cerebral arteries in Sprague-Dawley rats. <i>FASEB Journal</i> , 2009 , 23, 613.12	0.9
8	Canrenoic Acid, a Mineralocorticoid Receptor Antagonist, Attenuates Resistance Artery Remodeling in Stroke-Prone Spontaneous Hypertensive Rats. <i>FASEB Journal</i> , 2010 , 24, 979.1	0.9
7	Etanercept, a tumor-necrosis factor (TNF- α) inhibitor, improves endothelial function of contralateral middle cerebral artery after cerebral ischemia in hypertensive rats. <i>FASEB Journal</i> , 2012 , 26, 840.3	0.9
6	Apocynin treatment attenuated middle cerebral artery remodeling in life-long obesity in Sprague-Dawley rats. <i>FASEB Journal</i> , 2012 , 26, 842.3	0.9
5	Smooth Muscle Cells Specific Mineralocorticoid Deletion Does Not Alter Middle Cerebral Artery Structure in Mice. <i>FASEB Journal</i> , 2012 , 26, 685.25	0.9
4	Remodeling and impaired dilation in middle cerebral arteries from Deoxycorticosterone acetate (DOCA)-salt rats. <i>FASEB Journal</i> , 2013 , 27, 700.5	0.9
3	Hypertension-induced endothelial dysfunction and posterior communicating artery remodeling. <i>FASEB Journal</i> , 2013 , 27, 700.3	0.9
2	Perivascular macrophages mediate endothelium dysfunction in the middle cerebral artery of hypertensive rats. <i>FASEB Journal</i> , 2013 , 27, 888.7	0.9
1	Mechanisms of endothelial dysfunction in penetrating cerebral arterioles of DOCA-salt hypertensive rats. <i>FASEB Journal</i> , 2013 , 27, 678.7	0.9