Paulo Pires

List of Publications by Year in Descending Order

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	Brain endothelial cell TRPA1 channels initiate neurovascular coupling. *ELife*, **2021**, 10,	8.9	23
43	Amyloid- disrupts unitary calcium entry through endothelial NMDA receptors in mouse cerebral arteries. *Journal of Cerebral Blood Flow and Metabolism*, **2021**, 271678X211039592	7.3	3
42	Cannabinoids during ischemic strokes: friends or foes?. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H1155-H1156	5.2	2
41	Neuroprotective effects of TRPA1 channels in the cerebral endothelium following ischemic stroke. *ELife*, **2018**, 7,	8.9	41
40	Endothelial TRPA1 Channels Are Activated by Hypoxia in Cerebral Arteries and Protect Against Ischemic Damage. *FASEB Journal*, **2018**, 32, 900.5	0.9	
39	Junctophilin-2 Supports Functional Coupling Between Type 2 Ryanodine Receptors and BK Channels in Vascular Smooth Muscle Cells. *FASEB Journal*, **2018**, 32, 843.6	0.9	
38	Cerebral Capillary TRPA1 Channels Mediate Functional Hyperemia via Retrograde Conducted Vasodilation. *FASEB Journal*, **2018**, 32, 843.7	0.9	1
37	Nanoscale remodeling of ryanodine receptor cluster size underlies cerebral microvascular dysfunction in Duchenne muscular dystrophy. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E9745-E9752	11.5	20
36	Mineralocorticoid receptor antagonism prevents obesity-induced cerebral artery remodeling and reduces white matter injury in rats. *Microcirculation*, **2018**, 25, e12460	2.9	6
35	The angiotensin II receptor type 1b is the primary sensor of intraluminal pressure in cerebral artery smooth muscle cells. *Journal of Physiology*, **2017**, 595, 4735-4753	3.9	35
34	Microtubule structures underlying the sarcoplasmic reticulum support peripheral coupling sites to regulate smooth muscle contractility. *Science Signaling*, **2017**, 10,	8.8	21
33	Redox regulation of transient receptor potential channels in the endothelium. *Microcirculation*, **2017**, 24, e12329	2.9	21
32	DOCA-salt hypertension impairs artery function in rat middle cerebral artery and parenchymal arterioles. *Microcirculation*, **2016**, 23, 571-579	2.9	6
31	Isolation and Cannulation of Cerebral Parenchymal Arterioles. *Journal of Visualized Experiments*, **2016**,	1.6	12
30	The Effects of Hypertension on Cerebral Artery Structure and Function, and Cerebral Blood Flow **2016**, 99-134		0
29	Localized TRPA1 channel Ca2+ signals stimulated by reactive oxygen species promote cerebral artery dilation. *Science Signaling*, **2015**, 8, ra2	8.8	97
28	Regulation of myogenic tone and structure of parenchymal arterioles by hypertension and the mineralocorticoid receptor. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 309, H127-36	5.2	42

27	Unitary TRPV3 channel Ca2+ influx events elicit endothelium-dependent dilation of cerebral parenchymal arterioles. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 309, H2031-41	5.2	40
26	TRPV3 Sparklets Mediate Endothelium-Dependent Dilation of Cerebral Parenchymal Arterioles. *FASEB Journal*, **2015**, 29, 795.2	0.9	
25	Microtubules Couple Sarcoplasmic Reticulum Calcium Release to TRPM4 and BK Channel Activation in Cerebral Artery Myocytes. *FASEB Journal*, **2015**, 29, 795.9	0.9	
24	The Angiotensin II Type-1 Receptor Is a Mechanosensor in Cerebral Parenchymal Arteriole Smooth Muscle Cells. *FASEB Journal*, **2015**, 29, 832.1	0.9	
23	Tumor necrosis factor-inhibition attenuates middle cerebral artery remodeling but increases cerebral ischemic damage in hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2014**, 307, H658-69	5.2	28
22	The effects of obesity on the cerebral vasculature. *Current Vascular Pharmacology*, **2014**, 12, 462-72	3.3	48
21	Improvement in middle cerebral artery structure and endothelial function in stroke-prone spontaneously hypertensive rats after macrophage depletion. *Microcirculation*, **2013**, 20, 650-61	2.9	29
20	The effects of hypertension on the cerebral circulation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2013**, 304, H1598-614	5.2	228
19	Remodeling and impaired dilation in middle cerebral arteries from Deoxycorticosterone acetate (DOCA)-salt rats. *FASEB Journal*, **2013**, 27, 700.5	0.9	
18	Hypertension-induced endothelial dysfunction and posterior communicating artery remodeling. *FASEB Journal*, **2013**, 27, 700.3	0.9	
17	Perivascular macrophages mediate endothelium dysfunction in the middle cerebral artery of hypertensive rats. *FASEB Journal*, **2013**, 27, 888.7	0.9	
16	Mechanisms of endothelial dysfunction in penetrating cerebral arterioles of DOCA-salt hypertensive rats. *FASEB Journal*, **2013**, 27, 678.7	0.9	
15	Direct regulation of blood pressure by smooth muscle cell mineralocorticoid receptors. *Nature Medicine*, **2012**, 18, 1429-33	50.5	240
14	The development of hypertension and hyperaldosteronism in a rodent model of life-long obesity. *Endocrinology*, **2012**, 153, 1764-73	4.8	25
13	Etanercept, a tumor-necrosis factor (TNF-)inhibitor, improves endothelial function of contralateral middle cerebral artery after cerebral ischemia in hypertensive rats. *FASEB Journal*, **2012**, 26, 840.3	0.9	
12	Apocynin treatment attenuated middle cerebral artery remodeling in life-long obesity in Sprague-Dawley rats. *FASEB Journal*, **2012**, 26, 842.3	0.9	
11	Smooth Muscle Cells Specific Mineralocorticoid Deletion Does Not Alter Middle Cerebral Artery Structure in Mice. *FASEB Journal*, **2012**, 26, 685.25	0.9	
10	Doxycycline, a matrix metalloprotease inhibitor, reduces vascular remodeling and damage after cerebral ischemia in stroke-prone spontaneously hypertensive rats. *American Journal of Physiology - Heart and Circulatory Physiology*, **2011**, 301, H87-97	5.2	57

9	Effects of gestational and lactational fenvalerate exposure on immune and reproductive systems of male rats. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2010**, 73, 952-64	3.2	33
8	Tempol, a superoxide dismutase mimetic, prevents cerebral vessel remodeling in hypertensive rats. *Microvascular Research*, **2010**, 80, 445-52	3.7	34
7	Canrenoic Acid, a Mineralocorticoid Receptor Antagonist, Attenuates Resistance Artery Remodeling in Stroke-Prone Spontaneous Hypertensive Rats. *FASEB Journal*, **2010**, 24, 979.1	0.9	
6	Metalloproteinases 2 and 9 activity during promotion and progression stages of rat liver carcinogenesis. *Journal of Molecular Histology*, **2009**, 40, 1-11	3.3	3
5	Entanercept reduces vessel remodeling in stroke prone spontaneously hypertensive rats. *FASEB Journal*, **2009**, 23, 805.11	0.9	
4	Antioxidant treatment with tempol prevents obesity induced remodeling of middle cerebral arteries in Sprague-Dawley rats. *FASEB Journal*, **2009**, 23, 613.12	0.9	
3	Chronic ethanol intake promotes double gluthatione S-transferase/transforming growth factor-alpha-positive hepatocellular lesions in male Wistar rats. *Cancer Science*, **2008**, 99, 221-8	6.9	9
2	Liver lesions produced by aflatoxins in Rana catesbeiana (bullfrog). *Ecotoxicology and Environmental Safety*, **2007**, 68, 71-8	7	6
1	Brain Endothelial Cell TRPA1 Channels Initiate Neurovascular Coupling		1