Tiago Januario Costa

List of Publications by Year
in descending order

20 papers	480 citations	1051969 10 h-index	993246 17 g-index
20 all docs	20 docs citations	20 times ranked	798 citing authors

#	Article	IF	Citations
1	Topiramate treatment in Wistar rats during childhood induces sex-specific vascular dysfunction in adulthood. Life Sciences, 2022, 288, 120189.	2.0	3
2	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. Vascular Pharmacology, 2022, 142, 106946.	1.0	59
3	Aryl hydrocarbon receptor (AhR) activation contributes to highâ€fat dietâ€induced vascular dysfunction. British Journal of Pharmacology, 2022, 179, 2938-2952.	2.7	10
4	Programming of Vascular Dysfunction by Maternal Stress: Immune System Implications. Frontiers in Physiology, 2022, 13, 787617.	1.3	3
5	The homeostatic role of hydrogen peroxide, superoxide anion and nitric oxide in the vasculature. Free Radical Biology and Medicine, 2021, 162, 615-635.	1.3	57
6	Aldosterone Negatively Regulates Nrf2 Activity: An Additional Mechanism Contributing to Oxidative Stress and Vascular Dysfunction by Aldosterone. International Journal of Molecular Sciences, 2021, 22, 6154.	1.8	8
7	Heparin prevents in vitro glycocalyx shedding induced by plasma from COVID-19 patients. Life Sciences, 2021, 276, 119376.	2.0	44
8	Vascular Aging in Rodent Models: Contrasting Mechanisms Driving the Female and Male Vascular Senescence. Frontiers in Aging, 2021, 2, .	1.2	11
9	Disparate miRNA expression in serum and plasma of patients with acute myocardial infarction: a systematic and paired comparative analysis. Scientific Reports, 2020, 10, 5373.	1.6	58
10	Late Onset of Estrogen Therapy Impairs Carotid Function of Senescent Females in Association with Altered Prostanoid Balance and Upregulation of the Variant ERÎ±36. Cells, 2019, 8, 1217.	1.8	8
11	Mitochondrial DNA: A new driver for sex differences in spontaneous hypertension. Pharmacological Research, 2019, 144, 142-150.	3.1	28
12	P8 O-GlcNAcylation Increases Constriction in Common Carotid Artery of Senescent-Accelerated Female Mice. Artery Research, 2019, 25, S50-S50.	0.3	0
13	Characteristics of the Endothelium in Both Sexes. , 2018, , 63-81.		1
14	Detrimental Effects of Testosterone Addition to Estrogen Therapy Involve Cytochrome P-450-Induced 20-HETE Synthesis in Aorta of Ovariectomized Spontaneously Hypertensive Rat (SHR), a Model of Postmenopausal Hypertension. Frontiers in Physiology, 2018, 9, 490.	1.3	14
15	Treatment with Standard and Low Dose of Conjugated Equine Estrogen Differentially Modulates Estrogen Receptor Expression and Response to Angiotensin II in Mesenteric Venular Bed of Surgically Postmenopausal Hypertensive Rats. Journal of Pharmacology and Experimental Therapeutics, 2017, 362, 98-107.	1.3	6
16	Association of testosterone with estrogen abolishes the beneficial effects of estrogen treatment by increasing ROS generation in aorta endothelial cells. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H723-H732.	1.5	36
17	Toll-like receptor 4 inhibition reduces vascular inflammation in spontaneously hypertensive rats. Life Sciences, 2015, 122, 1-7.	2.0	69
18	An Interaction of Renin-Angiotensin and Kallikrein-Kinin Systems Contributes to Vascular Hypertrophy in Angiotensin II-Induced Hypertension: In Vivo and In Vitro Studies. PLoS ONE, 2014, 9, e111117.	1.1	31

#	Article	IF	Citations
19	Conjugated equine estrogen treatment corrected the exacerbated aorta oxidative stress in ovariectomized spontaneously hypertensive rats. Steroids, 2013, 78, 341-346.	0.8	34
20	Differential effect of low and standard dose of conjugate equine estrogen treatment in mesenteric venular response to angiotensin II from ovariectomized spontaneously hypertensive rats. FASEB Journal, 2012, 26, 840.4.	0.2	0