Tiago Januario Costa

List of Publications by Year
in descending order

20	480	933447 10	888059 17
papers	citations	h-index	g-index

20	20	20	745
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Toll-like receptor 4 inhibition reduces vascular inflammation in spontaneously hypertensive rats. Life Sciences, 2015, 122, 1-7.	4.3	69
2	Mitochondrial DNA and TLR9 activation contribute to SARS-CoV-2-induced endothelial cell damage. Vascular Pharmacology, 2022, 142, 106946.	2.1	59
3	Disparate miRNA expression in serum and plasma of patients with acute myocardial infarction: a systematic and paired comparative analysis. Scientific Reports, 2020, 10, 5373.	3.3	58
4	The homeostatic role of hydrogen peroxide, superoxide anion and nitric oxide in the vasculature. Free Radical Biology and Medicine, 2021, 162, 615-635.	2.9	57
5	Heparin prevents in vitro glycocalyx shedding induced by plasma from COVID-19 patients. Life Sciences, 2021, 276, 119376.	4.3	44
6	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.	3.2	36
7	Conjugated equine estrogen treatment corrected the exacerbated aorta oxidative stress in ovariectomized spontaneously hypertensive rats. Steroids, 2013, 78, 341-346.	1.8	34
8	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.	2.5	31
9	Mitochondrial DNA: A new driver for sex differences in spontaneous hypertension. Pharmacological Research, 2019, 144, 142-150.	7.1	28
10	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.	2.8	14
11	Vascular Aging in Rodent Models: Contrasting Mechanisms Driving the Female and Male Vascular Senescence. Frontiers in Aging, 2021, 2, .	2.6	11
12	Aryl hydrocarbon receptor (AhR) activation contributes to highâ€fat dietâ€induced vascular dysfunction. British Journal of Pharmacology, 2022, 179, 2938-2952.	5.4	10
13	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.	4.1	8
14	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.	4.1	8
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.	2.5	6
16	Topiramate treatment in Wistar rats during childhood induces sex-specific vascular dysfunction in adulthood. Life Sciences, 2022, 288, 120189.	4.3	3
17	Programming of Vascular Dysfunction by Maternal Stress: Immune System Implications. Frontiers in Physiology, 2022, 13, 787617.	2.8	3
18	Characteristics of the Endothelium in Both Sexes. , 2018, , 63-81.		1

#	Article	IF	Citations
19	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.	0.5	0
20	P8 O-GlcNAcylation Increases Constriction in Common Carotid Artery of Senescent-Accelerated Female Mice. Artery Research, 2019, 25, S50-S50.	0.6	0