

Francisco I Ramirez-Perez

List of Publications by Citations

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32
papers

666
citations

12
h-index

25
g-index

36
ext. papers

843
ext. citations

4.9
avg, IF

3.59
L-index

#	Paper	IF	Citations
32	Endothelial Mineralocorticoid Receptor Mediates Diet-Induced Aortic Stiffness in Females. <i>Circulation Research</i> , 2016 , 118, 935-943	15.7	109
31	Low-Dose Mineralocorticoid Receptor Blockade Prevents Western Diet-Induced Arterial Stiffening in Female Mice. <i>Hypertension</i> , 2015 , 66, 99-107	8.5	107
30	OR17-06 Transglutaminase 2 Inhibition Reduces Aortic Stiffness in Western Diet-Fed Female Mice. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	78
29	Glycemic control by the SGLT2 inhibitor empagliflozin decreases aortic stiffness, renal resistivity index and kidney injury. <i>Cardiovascular Diabetology</i> , 2018 , 17, 108	8.7	72
28	Uric acid promotes vascular stiffness, maladaptive inflammatory responses and proteinuria in western diet fed mice. <i>Metabolism: Clinical and Experimental</i> , 2017 , 74, 32-40	12.7	36
27	Dipeptidyl peptidase-4 inhibition with linagliptin prevents western diet-induced vascular abnormalities in female mice. <i>Cardiovascular Diabetology</i> , 2016 , 15, 94	8.7	29
26	Amiloride Improves Endothelial Function and Reduces Vascular Stiffness in Female Mice Fed a Western Diet. <i>Frontiers in Physiology</i> , 2017 , 8, 456	4.6	29
25	Diet-Induced Obesity Promotes Kidney Endothelial Stiffening and Fibrosis Dependent on the Endothelial Mineralocorticoid Receptor. <i>Hypertension</i> , 2019 , 73, 849-858	8.5	28
24	Regular Exercise Reduces Endothelial Cortical Stiffness in Western Diet-Fed Female Mice. <i>Hypertension</i> , 2016 , 68, 1236-1244	8.5	25
23	Arterial Stiffening in Western Diet-Fed Mice Is Associated with Increased Vascular Elastin, Transforming Growth Factor- β and Plasma Neuraminidase. <i>Frontiers in Physiology</i> , 2016 , 7, 285	4.6	24
22	IGF-1 Deficiency Promotes Pathological Remodeling of Cerebral Arteries: A Potential Mechanism Contributing to the Pathogenesis of Intracerebral Hemorrhages in Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019 , 74, 446-454	6.4	23
21	Endothelial Estrogen Receptor- α Does Not Protect Against Vascular Stiffness Induced by Western Diet in Female Mice. <i>Endocrinology</i> , 2016 , 157, 1590-600	4.8	15
20	Maternal Hyperleptinemia Is Associated with Male Offspring's Altered Vascular Function and Structure in Mice. <i>PLoS ONE</i> , 2016 , 11, e0155377	3.7	12
19	Lysophosphatidic acid induces integrin activation in vascular smooth muscle and alters arteriolar myogenic vasoconstriction. <i>Frontiers in Physiology</i> , 2014 , 5, 413	4.6	11
18	An experimental and theoretical approach to the study of the photoacoustic signal produced by cancer cells. <i>AIP Advances</i> , 2012 , 2, 011102	1.5	11
17	Sexual Dimorphism in Obesity-Associated Endothelial ENaC Activity and Stiffening in Mice. <i>Endocrinology</i> , 2019 , 160, 2918-2928	4.8	10
16	Western diet induces renal artery endothelial stiffening that is dependent on the epithelial Na channel. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, F1220-F1228	4.3	9

15	Effects of the use of assisted reproductive technologies and an obesogenic environment on resistance artery function and diabetes biomarkers in mice offspring. <i>PLoS ONE</i> , 2014 , 9, e112651	3.7	8
14	LIMK (LIM Kinase) Inhibition Prevents Vasoconstriction- and Hypertension-Induced Arterial Stiffening and Remodeling. <i>Hypertension</i> , 2020 , 76, 393-403	8.5	7
13	Absence of Endothelial ER α Results in Arterial Remodeling and Decreased Stiffness in Western Diet-Fed Male Mice. <i>Endocrinology</i> , 2017 , 158, 1875-1885	4.8	6
12	Chronic Elevation of Endothelin-1 Alone May Not Be Sufficient to Impair Endothelium-Dependent Relaxation. <i>Hypertension</i> , 2019 , 74, 1409-1419	8.5	6
11	TRAF3IP2 (TRAF3 Interacting Protein 2) Mediates Obesity-Associated Vascular Insulin Resistance and Dysfunction in Male Mice. <i>Hypertension</i> , 2020 , 76, 1319-1329	8.5	6
10	SGLT2 inhibition attenuates arterial dysfunction and decreases vascular F-actin content and expression of proteins associated with oxidative stress in aged mice.. <i>GeroScience</i> , 2022 , 1	8.9	2
9	Mutation of the 5' untranslated region stem-loop mRNA structure reduces type I collagen deposition and arterial stiffness in male obese mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H435-H445	5.2	1
8	Regular exercise reduces adipose tissue inflammation and improves glycemic control in Western diet-fed mice despite hyperendothelinemia. <i>FASEB Journal</i> , 2018 , 32, lb570	0.9	
7	Absence of Endothelial Estrogen Receptor Alpha Decreases Arterial Stiffness and Induces Hypertrophic Remodeling in Angiotensin II infused Female Mice. <i>FASEB Journal</i> , 2018 , 32, lb277	0.9	
6	LIM Kinase Inhibition Diminishes Hypertension and Vasoconstriction-Induced Inward Remodeling in Mouse and Human Resistance Arteries. <i>FASEB Journal</i> , 2019 , 33, 517.7	0.9	
5	Age-Related Changes in Skeletal Muscle and Small Mesenteric Arterial Function in Spontaneously Hypertensive Rats. <i>FASEB Journal</i> , 2019 , 33, lb456	0.9	
4	Exposure to adropin improves insulin-induced dilation in arteries from type 2 diabetic mice. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
3	TRAF3IP2 ablation protects against obesity-associated glycemic dysregulation, elevated blood pressure, and endothelial dysfunction. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
2	Mice Produced by the Use of Assisted Reproductive Technologies from Dams Provided a High-Fat and -Fructose Diet Have Reduced Arterial Vasodilation Responses to Acetylcholine. <i>FASEB Journal</i> , 2013 , 27, lb683	0.9	
1	Topical application of Serotonin + L-NAME in vivo induces inward remodeling of the rat cremasteric 1A arteriole via a mechanism that is antagonized by the addition of cystamine, a competitive inhibitor of transglutaminase II. <i>FASEB Journal</i> , 2013 , 27, lb657	0.9	