

Francisco I Ramirez-Perez

List of Publications by Year in descending order

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papers

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567281

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36
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1124
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#	ARTICLE	IF	CITATIONS
1	Endothelial Mineralocorticoid Receptor Mediates Diet-Induced Aortic Stiffness in Females. <i>Circulation Research</i> , 2016, 118, 935-943.	4.5	142
2	Low-Dose Mineralocorticoid Receptor Blockade Prevents Western Diet-Induced Arterial Stiffening in Female Mice. <i>Hypertension</i> , 2015, 66, 99-107.	2.7	125
3	Glycemic control by the SGLT2 inhibitor empagliflozin decreases aortic stiffness, renal resistivity index and kidney injury. <i>Cardiovascular Diabetology</i> , 2018, 17, 108.	6.8	112
4	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.	3.4	49
5	Diet-Induced Obesity Promotes Kidney Endothelial Stiffening and Fibrosis Dependent on the Endothelial Mineralocorticoid Receptor. <i>Hypertension</i> , 2019, 73, 849-858.	2.7	41
6	Amiloride Improves Endothelial Function and Reduces Vascular Stiffness in Female Mice Fed a Western Diet. <i>Frontiers in Physiology</i> , 2017, 8, 456.	2.8	37
7	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.	3.6	37
8	Dipeptidyl peptidase-4 inhibition with linagliptin prevents western diet-induced vascular abnormalities in female mice. <i>Cardiovascular Diabetology</i> , 2016, 15, 94.	6.8	36
9	Arterial Stiffening in Western Diet-Fed Mice Is Associated with Increased Vascular Elastin, Transforming Growth Factor- β 2, and Plasma Neuraminidase. <i>Frontiers in Physiology</i> , 2016, 7, 285.	2.8	33
10	Regular Exercise Reduces Endothelial Cortical Stiffness in Western Diet-Fed Female Mice. <i>Hypertension</i> , 2016, 68, 1236-1244.	2.7	32
11	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, 44, 1657-1675.	4.6	24
12	Endothelial Estrogen Receptor- α Does Not Protect Against Vascular Stiffness Induced by Western Diet in Female Mice. <i>Endocrinology</i> , 2016, 157, 1590-1600.	2.8	22
13	Sexual Dimorphism in Obesity-Associated Endothelial ENaC Activity and Stiffening in Mice. <i>Endocrinology</i> , 2019, 160, 2918-2928.	2.8	22
14	LIMK (LIM Kinase) Inhibition Prevents Vasoconstriction- and Hypertension-Induced Arterial Stiffening and Remodeling. <i>Hypertension</i> , 2020, 76, 393-403.	2.7	22
15	Lysophosphatidic acid induces integrin activation in vascular smooth muscle and alters arteriolar myogenic vasoconstriction. <i>Frontiers in Physiology</i> , 2014, 5, 413.	2.8	18
16	Maternal Hyperleptinemia Is Associated with Male Offspring's Altered Vascular Function and Structure in Mice. <i>PLoS ONE</i> , 2016, 11, e0155377.	2.5	15
17	TRAF3IP2 (TRAF3 Interacting Protein 2) Mediates Obesity-Associated Vascular Insulin Resistance and Dysfunction in Male Mice. <i>Hypertension</i> , 2020, 76, 1319-1329.	2.7	14
18	An experimental and theoretical approach to the study of the photoacoustic signal produced by cancer cells. <i>AIP Advances</i> , 2012, 2, .	1.3	13

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19	Western diet induces renal artery endothelial stiffening that is dependent on the epithelial Na ⁺ channel. American Journal of Physiology - Renal Physiology, 2020, 318, F1220-F1228.	2.7	13
20	Absence of Endothelial ERK1/2 Results in Arterial Remodeling and Decreased Stiffness in Western Diet-Fed Male Mice. Endocrinology, 2017, 158, 1875-1885.	2.8	10
21	Effects of the Use of Assisted Reproductive Technologies and an Obesogenic Environment on Resistance Artery Function and Diabetes Biomarkers in Mice Offspring. PLoS ONE, 2014, 9, e112651.	2.5	8
22	Chronic Elevation of Endothelin-1 Alone May Not Be Sufficient to Impair Endothelium-Dependent Relaxation. Hypertension, 2019, 74, 1409-1419.	2.7	8
23	Endothelial HSP72 is not reduced in type 2 diabetes nor is it a key determinant of endothelial insulin sensitivity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, 323, R43-R58.	1.8	8
24	Cystamine reduces vascular stiffness in Western diet-fed female mice. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H167-H180.	3.2	7
25	Mutation of the 5' untranslated region stem-loop mRNA structure reduces type I collagen deposition and arterial stiffness in male obese mice. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H435-H445.	3.2	4
26	Dye-Doped Organosilicate Nanoparticles as Cell-Preserving Labels for Photoacoustic Signal Generation. Journal of Biomedical Nanotechnology, 2014, 10, 3337-3350.	1.1	1
27	Exposure to adropin improves insulin-induced dilation in arteries from type 2 diabetic mice. FASEB Journal, 2020, 34, 1-1.	0.5	1
28	OR17-06 Transglutaminase 2 Inhibition Reduces Aortic Stiffness in Western Diet-Fed Female Mice. Journal of the Endocrine Society, 2020, 4, .	0.2	0
29	Mice Produced by the Use of Assisted Reproductive Technologies from Dams Provided a High-Fat and High-Fructose Diet Have Reduced Arterial Vasodilation Responses to Acetylcholine. FASEB Journal, 2013, 27, lb683.	0.5	0
30	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. FASEB Journal, 2013, 27, lb657.	0.5	0
31	Regular exercise reduces adipose tissue inflammation and improves glycemic control in Western diet-fed mice despite hyperendothelinemia. FASEB Journal, 2018, 32, lb570.	0.5	0
32	Absence of Endothelial Estrogen Receptor Alpha Decreases Arterial Stiffness and Induces Hypertrophic Remodeling in Angiotensin II infused Female Mice. FASEB Journal, 2018, 32, lb277.	0.5	0
33	Abstract P266: Western Diet Impairs Small Vessel Relaxation and Initiates Kidney Endothelial Stiffening, Fibrosis and Tubulointerstitial Fibrosis Through the Endothelial Mineralocorticoidreceptor. Hypertension, 2018, 72, .	2.7	0
34	LIM Kinase Inhibition Diminishes Hypertension and Vasoconstriction-Induced Inward Remodeling in Mouse and Human Resistance Arteries. FASEB Journal, 2019, 33, 517.7.	0.5	0
35	Age-Related Changes in Skeletal Muscle and Small Mesenteric Arterial Function in Spontaneously Hypertensive Rats. FASEB Journal, 2019, 33, lb456.	0.5	0
36	TRAF3IP2 ablation protects against obesity-associated glycemic dysregulation, elevated blood pressure, and endothelial dysfunction. FASEB Journal, 2020, 34, 1-1.	0.5	0