

# Francisco I Ramirez-Perez

## List of Publications by Year in descending order

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36  
papers

854  
citations

567281

15  
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526287

27  
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all docs

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docs citations

36  
times ranked

1124  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	SGLT2 inhibition attenuates arterial dysfunction and decreases vascular F-actin content and expression of proteins associated with oxidative stress in aged mice. GeroScience, 2022, 44, 1657-1675.	4.6	24
3	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
4	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
5	TRAF3IP2 (TRAF3 Interacting Protein 2) Mediates Obesity-Associated Vascular Insulin Resistance and Dysfunction in Male Mice. Hypertension, 2020, 76, 1319-1329.	2.7	14
6	OR17-06 Transglutaminase 2 Inhibition Reduces Aortic Stiffness in Western Diet-Fed Female Mice. Journal of the Endocrine Society, 2020, 4, .	0.2	0
7	LIMK (LIM Kinase) Inhibition Prevents Vasoconstriction- and Hypertension-Induced Arterial Stiffening and Remodeling. Hypertension, 2020, 76, 393-403.	2.7	22
8	Western diet induces renal artery endothelial stiffening that is dependent on the epithelial Na <sup>+</sup> channel. American Journal of Physiology - Renal Physiology, 2020, 318, F1220-F1228.	2.7	13
9	Exposure to adropin improves insulin-induced dilation in arteries from type 2 diabetic mice. FASEB Journal, 2020, 34, 1-1.	0.5	1
10	TRAF3IP2 ablation protects against obesity-associated glycaemic dysregulation, elevated blood pressure, and endothelial dysfunction. FASEB Journal, 2020, 34, 1-1.	0.5	0
11	IGF-1 Deficiency Promotes Pathological Remodeling of Cerebral Arteries: A Potential Mechanism Contributing to the Pathogenesis of Intracerebral Hemorrhages in Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 446-454.	3.6	37
12	Chronic Elevation of Endothelin-1 Alone May Not Be Sufficient to Impair Endothelium-Dependent Relaxation. Hypertension, 2019, 74, 1409-1419.	2.7	8
13	Diet-Induced Obesity Promotes Kidney Endothelial Stiffening and Fibrosis Dependent on the Endothelial Mineralocorticoid Receptor. Hypertension, 2019, 73, 849-858.	2.7	41
14	Sexual Dimorphism in Obesity-Associated Endothelial ENaC Activity and Stiffening in Mice. Endocrinology, 2019, 160, 2918-2928.	2.8	22
15	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
16	Age-Related Changes in Skeletal Muscle and Small Mesenteric Arterial Function in Spontaneously Hypertensive Rats. FASEB Journal, 2019, 33, 1b456.	0.5	0
17	Glycemic control by the SGLT2 inhibitor empagliflozin decreases aortic stiffness, renal resistivity index and kidney injury. Cardiovascular Diabetology, 2018, 17, 108.	6.8	112
18	Regular exercise reduces adipose tissue inflammation and improves glycaemic control in Western diet-fed mice despite hyperendothelinemia. FASEB Journal, 2018, 32, 1b570.	0.5	0

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19	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.	0.5	0
20	Abstract P266: Western Diet Impairs Small Vessel Relaxation and Initiates Kidney Endothelial Stiffening, Fibrosis and Tubulointerstitial Fibrosis Through the Endothelial Mineralocorticoidreceptor. <i>Hypertension</i> , 2018, 72, .	2.7	0
21	Absence of Endothelial ER $\alpha$ Results in Arterial Remodeling and Decreased Stiffness in Western Diet-Fed Male Mice. <i>Endocrinology</i> , 2017, 158, 1875-1885.	2.8	10
22	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
23	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
24	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
25	Arterial Stiffening in Western Diet-Fed Mice Is Associated with Increased Vascular Elastin, Transforming Growth Factor- $\beta$ , and Plasma Neuraminidase. <i>Frontiers in Physiology</i> , 2016, 7, 285.	2.8	33
26	Regular Exercise Reduces Endothelial Cortical Stiffness in Western Diet-Fed Female Mice. <i>Hypertension</i> , 2016, 68, 1236-1244.	2.7	32
27	Endothelial Estrogen Receptor- $\alpha$ Does Not Protect Against Vascular Stiffness Induced by Western Diet in Female Mice. <i>Endocrinology</i> , 2016, 157, 1590-1600.	2.8	22
28	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
29	Endothelial Mineralocorticoid Receptor Mediates Diet-Induced Aortic Stiffness in Females. <i>Circulation Research</i> , 2016, 118, 935-943.	4.5	142
30	Low-Dose Mineralocorticoid Receptor Blockade Prevents Western Diet-Induced Arterial Stiffening in Female Mice. <i>Hypertension</i> , 2015, 66, 99-107.	2.7	125
31	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.	2.5	8
32	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
33	Dye-Doped Organosilicate Nanoparticles as Cell-Preserving Labels for Photoacoustic Signal Generation. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 3337-3350.	1.1	1
34	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.	0.5	0
35	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.	0.5	0
36	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