# Camila Manrique

## List of Publications by Citations



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|---|---|---|---|
| 67 papers | 2,328 citations | 27 h-index | 47 g-index |
| 72 ext. papers | 2,709 ext. citations | 4.8 avg, IF | 4.83 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 67 | Renin-angiotensin-aldosterone system and oxidative stress in cardiovascular insulin resistance. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 293, H2009-23 | 5.2 | 214 |
| 66 | Angiotensin II-induced NADPH oxidase activation impairs insulin signaling in skeletal muscle cells. *Journal of Biological Chemistry*, **2006**, 281, 35137-46 | 5.4 | 214 |
| 65 | Type 2 diabetes mellitus and hypertension: an update. *Endocrinology and Metabolism Clinics of North America*, **2014**, 43, 103-22 | 5.5 | 159 |
| 64 | The renin angiotensin aldosterone system in hypertension: roles of insulin resistance and oxidative stress. *Medical Clinics of North America*, **2009**, 93, 569-82 | 7 | 112 |
| 63 | Low-Dose Mineralocorticoid Receptor Blockade Prevents Western Diet-Induced Arterial Stiffening in Female Mice. *Hypertension*, **2015**, 66, 99-107 | 8.5 | 107 |
| 62 | Low-dose spironolactone reduces reactive oxygen species generation and improves insulin-stimulated glucose transport in skeletal muscle in the TG(mRen2)27 rat. *American Journal of Physiology - Endocrinology and Metabolism*, **2008**, 295, E110-6 | 6 | 85 |
| 61 | Direct renin inhibition improves systemic insulin resistance and skeletal muscle glucose transport in a transgenic rodent model of tissue renin overexpression. *Endocrinology*, **2009**, 150, 2561-8 | 4.8 | 83 |
| 60 | Hypertension in obesity. *Medical Clinics of North America*, **2011**, 95, 903-17 | 7 | 82 |
| 59 | Obesity and insulin resistance induce early development of diastolic dysfunction in young female mice fed a Western diet. *Endocrinology*, **2013**, 154, 3632-42 | 4.8 | 81 |
| 58 | New insights into insulin action and resistance in the vasculature. *Annals of the New York Academy of Sciences*, **2014**, 1311, 138-50 | 6.5 | 78 |
| 57 | Role of aldosterone and angiotensin II in insulin resistance: an update. *Clinical Endocrinology*, **2009**, 71, 1-6 | 3.4 | 67 |
| 56 | Dipeptidyl peptidase-4 inhibition ameliorates Western diet-induced hepatic steatosis and insulin resistance through hepatic lipid remodeling and modulation of hepatic mitochondrial function. *Diabetes*, **2015**, 64, 1988-2001 | 0.9 | 59 |
| 55 | Augmented pressor and sympathetic responses to skeletal muscle metaboreflex activation in type 2 diabetes patients. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 310, H300-9 | 5.2 | 55 |
| 54 | Mineralocorticoid receptor blockade prevents Western diet-induced diastolic dysfunction in female mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2015**, 308, H1126-35 | 5.2 | 52 |
| 53 | Loss of Estrogen Receptor Signaling Leads to Insulin Resistance and Obesity in Young and Adult Female Mice. *CardioRenal Medicine*, **2012**, 2, 200-210 | 2.8 | 50 |
| 52 | Hypertension and the cardiometabolic syndrome. *Journal of Clinical Hypertension*, **2005**, 7, 471-6 | 2.3 | 50 |
| 51 | Obesity, cardiometabolic syndrome, and chronic kidney disease: the weight of the evidence. *Advances in Chronic Kidney Disease*, **2006**, 13, 365-73 | 4.7 | 48 |

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| 50 | Insulin resistance, oxidative stress, and podocyte injury: role of rosuvastatin modulation of filtration barrier injury. *American Journal of Nephrology*, **2008**, 28, 67-75 | 4.6 | 41 |
| 49 | Prevention of obesity-induced renal injury in male mice by DPP4 inhibition. *Endocrinology*, **2014**, 155, 2266-76 | 4.8 | 40 |
| 48 | Perivascular adipose tissue, inflammation and insulin resistance: link to vascular dysfunction and cardiovascular disease. *Hormone Molecular Biology and Clinical Investigation*, **2015**, 22, 19-26 | 1.3 | 39 |
| 47 | Obesity, type 2 diabetes, and impaired insulin-stimulated blood flow: role of skeletal muscle NO synthase and endothelin-1. *Journal of Applied Physiology*, **2017**, 122, 38-47 | 3.7 | 38 |
| 46 | Uric acid promotes vascular stiffness, maladaptive inflammatory responses and proteinuria in western diet fed mice. *Metabolism: Clinical and Experimental*, **2017**, 74, 32-40 | 12.7 | 36 |
| 45 | Hypertension in obesity. *Endocrinology and Metabolism Clinics of North America*, **2008**, 37, 647-62, ix | 5.5 | 36 |
| 44 | Fatty Acid Synthase Inhibitor TVB-2640 Reduces Hepatic de Novo Lipogenesis in Males With Metabolic Abnormalities. *Hepatology*, **2020**, 72, 103-118 | 11.2 | 36 |
| 43 | Membrane estrogen receptors: their role in blood pressure regulation and cardiovascular disease. *Current Hypertension Reports*, **2014**, 16, 408 | 4.7 | 35 |
| 42 | Nebivolol attenuates redox-sensitive glomerular and tubular mediated proteinuria in obese rats. *Endocrinology*, **2011**, 152, 659-68 | 4.8 | 33 |
| 41 | Dipeptidyl peptidase-4 inhibition with linagliptin prevents western diet-induced vascular abnormalities in female mice. *Cardiovascular Diabetology*, **2016**, 15, 94 | 8.7 | 29 |
| 40 | Administration of tauroursodeoxycholic acid prevents endothelial dysfunction caused by an oral glucose load. *Clinical Science*, **2016**, 130, 1881-8 | 6.5 | 26 |
| 39 | The expanding role of oxidative stress, renin angiotensin system, and beta-cell dysfunction in the cardiometabolic syndrome and Type 2 diabetes mellitus. *Antioxidants and Redox Signaling*, **2007**, 9, 943-54 | 8.4 | 25 |
| 38 | Regular Exercise Reduces Endothelial Cortical Stiffness in Western Diet-Fed Female Mice. *Hypertension*, **2016**, 68, 1236-1244 | 8.5 | 25 |
| 37 | Obesity and cardiovascular disease in women. *International Journal of Obesity*, **2020**, 44, 1210-1226 | 5.5 | 20 |
| 36 | The role of dipeptidylpeptidase-4 inhibitors in management of cardiovascular disease in diabetes; focus on linagliptin. *Cardiovascular Diabetology*, **2018**, 17, 59 | 8.7 | 20 |
| 35 | Nebivolol in obese and non-obese hypertensive patients. *Journal of Clinical Hypertension*, **2009**, 11, 309-15 | 2.3 | 20 |
| 34 | Nebivolol improves insulin sensitivity in the TGR(Ren2)27 rat. *Metabolism: Clinical and Experimental*, **2011**, 60, 1757-66 | 12.7 | 19 |
| 33 | Cardiometabolic syndrome and chronic kidney disease. *Current Diabetes Reports*, **2006**, 6, 207-12 | 5.6 | 19 |

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| 32 | Xanthine oxidase inhibition protects against Western diet-induced aortic stiffness and impaired vasorelaxation in female mice. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2017**, 313, R67-R77 | 3.2 | 17 |
| 31 | Estrogen receptor-signaling maintains immunometabolic function in males and is obligatory for exercise-induced amelioration of nonalcoholic fatty liver. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 316, E156-E167 | 6 | 17 |
| 30 | Endothelial Estrogen Receptor-Does Not Protect Against Vascular Stiffness Induced by Western Diet in Female Mice. *Endocrinology*, **2016**, 157, 1590-600 | 4.8 | 15 |
| 29 | Increased endothelial shear stress improves insulin-stimulated vasodilatation in skeletal muscle. *Journal of Physiology*, **2019**, 597, 57-69 | 3.9 | 12 |
| 28 | Aspirin and Diabetes Mellitus: revisiting an old player. *Therapeutic Advances in Cardiovascular Disease*, **2008**, 2, 37-42 | 3.4 | 11 |
| 27 | Persistent insulin signaling coupled with restricted PI3K activation causes insulin-induced vasoconstriction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2019**, 317, H1166-H1172 | 5.2 | 10 |
| 26 | Sexual Dimorphism in Obesity-Associated Endothelial ENaC Activity and Stiffening in Mice. *Endocrinology*, **2019**, 160, 2918-2928 | 4.8 | 10 |
| 25 | The role of aldosterone in cardiovascular disease in people with diabetes and hypertension: an update. *Current Diabetes Reports*, **2008**, 8, 203-7 | 5.6 | 9 |
| 24 | 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 | 4.3 | 9 |
| 23 | Effect of carbohydrate restriction-induced weight loss on aortic pulse wave velocity in overweight men and women. *Applied Physiology, Nutrition and Metabolism*, **2018**, 43, 1247-1256 | 3 | 8 |
| 22 | Sympathetically mediated increases in cardiac output, not restraint of peripheral vasodilation, contribute to blood pressure maintenance during hyperinsulinemia. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 319, H162-H170 | 5.2 | 7 |
| 21 | LIMK (LIM Kinase) Inhibition Prevents Vasoconstriction- and Hypertension-Induced Arterial Stiffening and Remodeling. *Hypertension*, **2020**, 76, 393-403 | 8.5 | 7 |
| 20 | Skeletal muscle microvascular insulin resistance in type 2 diabetes is not improved by eight weeks of regular walking. *Journal of Applied Physiology*, **2020**, 129, 283-296 | 3.7 | 7 |
| 19 | Endothelial sodium channel activation promotes cardiac stiffness and diastolic dysfunction in Western diet fed female mice. *Metabolism: Clinical and Experimental*, **2020**, 109, 154223 | 12.7 | 7 |
| 18 | Female sex and Western-style diet protect mouse resistance arteries during acute oxidative stress. *American Journal of Physiology - Cell Physiology*, **2020**, 318, C627-C639 | 5.4 | 7 |
| 17 | Absence of Endothelial ERResults in Arterial Remodeling and Decreased Stiffness in Western Diet-Fed Male Mice. *Endocrinology*, **2017**, 158, 1875-1885 | 4.8 | 6 |
| 16 | Methods in the evaluation of cardiovascular renin angiotensin aldosterone activation and oxidative stress. *Methods in Molecular Medicine*, **2007**, 139, 163-79 | | 6 |
| 15 | TRAF3IP2 (TRAF3 Interacting Protein 2) Mediates Obesity-Associated Vascular Insulin Resistance and Dysfunction in Male Mice. *Hypertension*, **2020**, 76, 1319-1329 | 8.5 | 6 |

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| 14 | The VASP Road to NAFLD: A Macrophage Detour. *Diabetes*, **2015**, 64, 2711-3 | 0.9 | 4 |
| 13 | Relationships between Very Low-Density Lipoproteins-Ceramides, -Diacylglycerols, and -Triacylglycerols in Insulin-Resistant Men. *Lipids*, **2020**, 55, 387-393 | 1.6 | 4 |
| 12 | Utility of aspirin therapy in patients with the cardiometabolic syndrome and diabetes. *Journal of the Cardiometabolic Syndrome*, **2009**, 4, 96-101 | | 3 |
| 11 | Hyperinsulinemia blunts sympathetic vasoconstriction: a possible role of □adrenergic activation. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 320, R771-R779 | 3.2 | 3 |
| 10 | The Tailgate Study: Differing metabolic effects of a bout of excessive eating and drinking. *Alcohol*, **2021**, 90, 45-55 | 2.7 | 2 |
| 9 | Role of the arterial baroreflex in the sympathetic response to hyperinsulinemia in adult humans.. *American Journal of Physiology - Endocrinology and Metabolism*, **2022**, | 6 | 2 |
| 8 | SGLT2 inhibition attenuates arterial dysfunction and decreases vascular F-actin content and expression of proteins associated with oxidative stress in aged mice.. *GeroScience*, **2022**, 1 | 8.9 | 2 |
| 7 | Sex differences in the effect of acute intermittent hypoxia on respiratory modulation of sympathetic activity. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2021**, 321, R903-R911 | 3.2 | 1 |
| 6 | 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 | 5.2 | 1 |
| 5 | Mineralocorticoid Receptor in Myeloid Cells Mediates Angiotensin II-Induced Vascular Dysfunction in Female Mice. *Frontiers in Physiology*, **2021**, 12, 588358 | 4.6 | 0 |
| 4 | The effects of localized heating on insulin-stimulated leg blood flow. *FASEB Journal*, **2018**, 32, lb331 | 0.9 | |
| 3 | Estrogen receptor alpha mediated activation of the endothelial epithelial sodium channel: role in the genesis of arterial stiffness. *FASEB Journal*, **2018**, 32, 846.7 | 0.9 | |
| 2 | Absence of Endothelial Estrogen Receptor Alpha Decreases Arterial Stiffness and Induces Hypertrophic Remodeling in Angiotensin II infused Female Mice. *FASEB Journal*, **2018**, 32, lb277 | 0.9 | |
| 1 | Enhanced coronary vasoconstriction in western diet-induced obesity is associated with alterations in NHE1, SERCA2a and 3. *FASEB Journal*, **2013**, 27, lb660 | 0.9 | |