Manuel Sanchez

List of Publications by Citations

52 papers	2,623 citations	30 h-index	51 g-index
52 ext. papers	3,139 ext. citations	5.5 avg, IF	4.67 L-index

#	Paper	IF	Citations
52	Quercetin ameliorates metabolic syndrome and improves the inflammatory status in obese Zucker rats. *Obesity*, **2008**, 16, 2081-7	8	297
51	Quercetin downregulates NADPH oxidase, increases eNOS activity and prevents endothelial dysfunction in spontaneously hypertensive rats. *Journal of Hypertension*, **2006**, 24, 75-84	1.9	212
50	SIRT1 inhibits NADPH oxidase activation and protects endothelial function in the rat aorta: implications for vascular aging. *Biochemical Pharmacology*, **2013**, 85, 1288-96	6	144
49	Epicatechin lowers blood pressure, restores endothelial function, and decreases oxidative stress and endothelin-1 and NADPH oxidase activity in DOCA-salt hypertension. *Free Radical Biology and Medicine*, **2012**, 52, 70-9	7.8	128
48	Antihypertensive effects of probiotics Lactobacillus strains in spontaneously hypertensive rats. *Molecular Nutrition and Food Research*, **2015**, 59, 2326-36	5.9	115
47	Quercetin inhibits vascular superoxide production induced by endothelin-1: Role of NADPH oxidase, uncoupled eNOS and PKC. *Atherosclerosis*, **2009**, 202, 58-67	3.1	108
46	Critical Role of the Interaction Gut Microbiota - Sympathetic Nervous System in the Regulation of Blood Pressure. *Frontiers in Physiology*, **2019**, 10, 231	4.6	89
45	Polyphenols restore endothelial function in DOCA-salt hypertension: role of endothelin-1 and NADPH oxidase. *Free Radical Biology and Medicine*, **2007**, 43, 462-73	7.8	89
44	The probiotic Lactobacillus coryniformis CECT5711 reduces the vascular pro-oxidant and pro-inflammatory status in obese mice. *Clinical Science*, **2014**, 127, 33-45	6.5	86
43	Wine polyphenols improve endothelial function in large vessels of female spontaneously hypertensive rats. *Hypertension*, **2008**, 51, 1088-95	8.5	84
42	Quercetin and isorhamnetin prevent endothelial dysfunction, superoxide production, and overexpression of p47phox induced by angiotensin II in rat aorta. *Journal of Nutrition*, **2007**, 137, 910-5	4.1	83
41	Chronic hydroxychloroquine improves endothelial dysfunction and protects kidney in a mouse model of systemic lupus erythematosus. *Hypertension*, **2014**, 64, 330-7	8.5	79
40	Antihypertensive Effects of Probiotics. *Current Hypertension Reports*, **2017**, 19, 26	4.7	72
39	Antihypertensive effects of peroxisome proliferator-activated receptor-□activation in spontaneously hypertensive rats. *Hypertension*, **2011**, 58, 733-43	8.5	71
38	A diet supplemented with husks of Plantago ovata reduces the development of endothelial dysfunction, hypertension, and obesity by affecting adiponectin and TNF-alpha in obese Zucker rats. *Journal of Nutrition*, **2005**, 135, 2399-404	4.1	68
37	Chronic administration of genistein improves endothelial dysfunction in spontaneously hypertensive rats: involvement of eNOS, caveolin and calmodulin expression and NADPH oxidase activity. *Clinical Science*, **2007**, 112, 183-91	6.5	64
36	Probiotics Prevent Dysbiosis and the Rise in Blood Pressure in Genetic Hypertension: Role of Short-Chain Fatty Acids. *Molecular Nutrition and Food Research*, **2020**, 64, e1900616	5.9	53

35	Activation of peroxisome proliferator-activated receptor-β/δ (PPARβ/δ) prevents endothelial dysfunction in type 1 diabetic rats. *Free Radical Biology and Medicine*, **2012**, 53, 730-41	7.8	53
34	Role of the immune system in vascular function and blood pressure control induced by faecal microbiota transplantation in rats. *Acta Physiologica*, **2019**, 227, e13285	5.6	50
33	Endothelium-dependent vasodilator effects of peroxisome proliferator-activated receptor beta agonists via the phosphatidyl-inositol-3 kinase-Akt pathway. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 332, 554-61	4.7	47
32	Chronic (-)-epicatechin improves vascular oxidative and inflammatory status but not hypertension in chronic nitric oxide-deficient rats. *British Journal of Nutrition*, **2011**, 106, 1337-48	3.6	47
31	Antihypertensive effects of oleuropein-enriched olive leaf extract in spontaneously hypertensive rats. *Food and Function*, **2016**, 7, 584-93	6.1	45
30	Lactobacillus fermentum Improves Tacrolimus-Induced Hypertension by Restoring Vascular Redox State and Improving eNOS Coupling. *Molecular Nutrition and Food Research*, **2018**, 62, e1800033	5.9	45
29	Early determinants of cardiovascular disease. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2012**, 26, 581-97	6.5	43
28	Soy isoflavones improve endothelial function in spontaneously hypertensive rats in an estrogen-independent manner: role of nitric-oxide synthase, superoxide, and cyclooxygenase metabolites. *Journal of Pharmacology and Experimental Therapeutics*, **2005**, 314, 1300-9	4.7	37
27	The Probiotic Lactobacillus fermentum Prevents Dysbiosis and Vascular Oxidative Stress in Rats with Hypertension Induced by Chronic Nitric Oxide Blockade. *Molecular Nutrition and Food Research* , **2018**, 62, e1800298	5.9	35
26	Carnitine palmitoyltransferase-1 up-regulation by PPAR-β/δ prevents lipid-induced endothelial dysfunction. *Clinical Science*, **2015**, 129, 823-37	6.5	33
25	CECT5716: a novel alternative for the prevention of vascular disorders in a mouse model of systemic lupus erythematosus. *FASEB Journal*, **2019**, 33, 10005-10018	0.9	32
24	Red wine polyphenols prevent endothelial dysfunction induced by endothelin-1 in rat aorta: role of NADPH oxidase. *Clinical Science*, **2011**, 120, 321-33	6.5	31
23	The metabolic and vascular protective effects of olive (Olea europaea L.) leaf extract in diet-induced obesity in mice are related to the amelioration of gut microbiota dysbiosis and to its immunomodulatory properties. *Pharmacological Research*, **2019**, 150, 104487	10.2	30
22	Vascular superoxide production by endothelin-1 requires Src non-receptor protein tyrosine kinase and MAPK activation. *Atherosclerosis*, **2010**, 212, 78-85	3.1	27
21	The Role of Nrf2 Signaling in PPAR/-Mediated Vascular Protection against Hyperglycemia-Induced Oxidative Stress. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 5852706	6.7	22
20	Cardiovascular Effects of Flavonoids. *Current Medicinal Chemistry*, **2019**, 26, 6991-7034	4.3	22
19	Changes to the gut microbiota induced by losartan contributes to its antihypertensive effects. *British Journal of Pharmacology*, **2020**, 177, 2006-2023	8.6	22
18	Effects of peroxisome proliferator-activated receptor-δ activation in endothelin-dependent hypertension. *Cardiovascular Research*, **2013**, 99, 622-31	9.9	21

17	Genistein restores caveolin-1 and AT-1 receptor expression and vascular function in large vessels of ovariectomized hypertensive rats. *Menopause*, **2007**, 14, 933-40	2.5	19
16	Activation of Peroxisome Proliferator Activator Receptor Improves Endothelial Dysfunction and Protects Kidney in Murine Lupus. *Hypertension*, **2017**, 69, 641-650	8.5	18
15	Probiotic Bifidobacterium breve prevents DOCA-salt hypertension. *FASEB Journal*, **2020**, 34, 13626-13640	4.9	17
14	Vascular and Central Activation of Peroxisome Proliferator-Activated Receptor- Attenuates Angiotensin II-Induced Hypertension: Role of RGS-5. *Journal of Pharmacology and Experimental Therapeutics*, **2016**, 358, 151-63	4.7	15
13	Perinatal Inhibition of NF-KappaB Has Long-Term Antihypertensive and Renoprotective Effects in Fawn-Hooded Hypertensive Rats. *American Journal of Hypertension*, **2016**, 29, 123-31	2.3	13
12	Choriocarcinoma of the testis metastatic to the skin. *The Journal of Dermatologic Surgery and Oncology*, **1991**, 17, 466-70		13
11	Lactobacillus fermentum CECT5716 prevents renal damage in the NZBWF1 mouse model of systemic lupus erythematosus. *Food and Function*, **2020**, 11, 5266-5274	6.1	9
10	Toll-like receptor 7-driven lupus autoimmunity induces hypertension and vascular alterations in mice. *Journal of Hypertension*, **2020**, 38, 1322-1335	1.9	9
9	Role of endoplasmic reticulum stress in the protective effects of PPAR activation on endothelial dysfunction induced by plasma from patients with lupus. *Arthritis Research and Therapy*, **2017**, 19, 268	5.7	6
8	Gut microbiota contributes to the development of hypertension in a genetic mouse model of systemic lupus erythematosus. *British Journal of Pharmacology*, **2021**, 178, 3708-3729	8.6	6
7	Probiotics Prevent Hypertension in a Murine Model of Systemic Lupus Erythematosus Induced by Toll-Like Receptor 7 Activation. *Nutrients*, **2021**, 13,	6.7	4
6	-Derived Compound Propyl Propane Thiosulfonate (PTSO) Attenuates Metabolic Alterations in Mice Fed a High-Fat Diet through Its Anti-Inflammatory and Prebiotic Properties. *Nutrients*, **2021**, 13,	6.7	4
5	Mycophenolate Improves Brain-Gut Axis Inducing Remodeling of Gut Microbiota in DOCA-Salt Hypertensive Rats. *Antioxidants*, **2020**, 9,	7.1	2
4	Mycophenolate mediated remodeling of gut microbiota and improvement of gut-brain axis in spontaneously hypertensive rats. *Biomedicine and Pharmacotherapy*, **2021**, 135, 111189	7.5	2
3	Changes in Gut Microbiota Induced by Doxycycline Influence in Vascular Function and Development of Hypertension in DOCA-Salt Rats. *Nutrients*, **2021**, 13,	6.7	1
2	Gut Microbiota Has a Crucial Role in the Development of Hypertension and Vascular Dysfunction in Toll-like Receptor 7-Driven Lupus Autoimmunity. *Antioxidants*, **2021**, 10,	7.1	1
1	PROTECTIVE EFFECTS OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR (PPAR)- ACTIVATION ON LIPID-INDUCED ENDOTHELIAL DYSFUNCTION via CARNITINE PALMITOYL TRANSFERASE-1 UPREGULATION. *Heart*, **2014**, 100, A9.1-A9	5.1	