

# Manuel Sanchez

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

3,563  
citations

126708

33  
h-index

182168

51  
g-index

52  
all docs

52  
docs citations

52  
times ranked

4783  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quercetin Ameliorates Metabolic Syndrome and Improves the Inflammatory Status in Obese Zucker Rats. <i>Obesity</i> , 2008, 16, 2081-2087.	1.5	381
2	Quercetin downregulates NADPH oxidase, increases eNOS activity and prevents endothelial dysfunction in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2006, 24, 75-84.	0.3	253
3	SIRT1 inhibits NADPH oxidase activation and protects endothelial function in the rat aorta: Implications for vascular aging. <i>Biochemical Pharmacology</i> , 2013, 85, 1288-1296.	2.0	169
4	Antihypertensive effects of probiotics <i>Lactobacillus</i> strains in spontaneously hypertensive rats. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 2326-2336.	1.5	156
5	Epicatechin lowers blood pressure, restores endothelial function, and decreases oxidative stress and endothelin-1 and NADPH oxidase activity in DOCA-salt hypertension. <i>Free Radical Biology and Medicine</i> , 2012, 52, 70-79.	1.3	154
6	Critical Role of the Interaction Gut Microbiota – Sympathetic Nervous System in the Regulation of Blood Pressure. <i>Frontiers in Physiology</i> , 2019, 10, 231.	1.3	148
7	Quercetin inhibits vascular superoxide production induced by endothelin-1: Role of NADPH oxidase, uncoupled eNOS and PKC. <i>Atherosclerosis</i> , 2009, 202, 58-67.	0.4	122
8	Probiotics Prevent Dysbiosis and the Rise in Blood Pressure in Genetic Hypertension: Role of Short-Chain Fatty Acids. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900616.	1.5	113
9	Chronic Hydroxychloroquine Improves Endothelial Dysfunction and Protects Kidney in a Mouse Model of Systemic Lupus Erythematosus. <i>Hypertension</i> , 2014, 64, 330-337.	1.3	110
10	The probiotic <i>Lactobacillus coryniformis</i> CECT5711 reduces the vascular pro-oxidant and pro-inflammatory status in obese mice. <i>Clinical Science</i> , 2014, 127, 33-45.	1.8	109
11	Quercetin and Isorhamnetin Prevent Endothelial Dysfunction, Superoxide Production, and Overexpression of p47phox Induced by Angiotensin II in Rat Aorta. <i>Journal of Nutrition</i> , 2007, 137, 910-915.	1.3	98
12	Polyphenols restore endothelial function in DOCA-salt hypertension: Role of endothelin-1 and NADPH oxidase. <i>Free Radical Biology and Medicine</i> , 2007, 43, 462-473.	1.3	95
13	Wine Polyphenols Improve Endothelial Function in Large Vessels of Female Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2008, 51, 1088-1095.	1.3	95
14	Antihypertensive Effects of Probiotics. <i>Current Hypertension Reports</i> , 2017, 19, 26.	1.5	93
15	Chronic administration of genistein improves endothelial dysfunction in spontaneously hypertensive rats: involvement of eNOS, caveolin and calmodulin expression and NADPH oxidase activity. <i>Clinical Science</i> , 2007, 112, 183-191.	1.8	82
16	Antihypertensive Effects of Peroxisome Proliferator-Activated Receptor- $\delta$ Activation in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2011, 58, 733-743.	1.3	80
17	A Diet Supplemented with Husks of <i>Plantago ovata</i> Reduces the Development of Endothelial Dysfunction, Hypertension, and Obesity by Affecting Adiponectin and TNF- $\alpha$ in Obese Zucker Rats. <i>Journal of Nutrition</i> , 2005, 135, 2399-2404.	1.3	79
18	<i>Lactobacillus fermentum</i> Improves Tacrolimus-Induced Hypertension by Restoring Vascular Redox State and Improving eNOS Coupling. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800033.	1.5	71

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19	The Probiotic <i>Lactobacillus fermentum</i> Prevents Dysbiosis and Vascular Oxidative Stress in Rats with Hypertension Induced by Chronic Nitric Oxide Blockade. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800298.	1.5	71
20	Antihypertensive effects of oleuropein-enriched olive leaf extract in spontaneously hypertensive rats. <i>Food and Function</i> , 2016, 7, 584-593.	2.1	67
21	<i>Lactobacillus fermentum</i> CECT5716: a novel alternative for the prevention of vascular disorders in a mouse model of systemic lupus erythematosus. <i>FASEB Journal</i> , 2019, 33, 10005-10018.	0.2	60
22	The metabolic and vascular protective effects of olive ( <i>Olea europaea</i> L.) leaf extract in diet-induced obesity in mice are related to the amelioration of gut microbiota dysbiosis and to its immunomodulatory properties. <i>Pharmacological Research</i> , 2019, 150, 104487.	3.1	59
23	Activation of peroxisome proliferator-activated receptor- $\beta/\delta$ (PPAR $\beta/\delta$ ) prevents endothelial dysfunction in type 1 diabetic rats. <i>Free Radical Biology and Medicine</i> , 2012, 53, 730-741.	1.3	57
24	Changes to the gut microbiota induced by losartan contributes to its antihypertensive effects. <i>British Journal of Pharmacology</i> , 2020, 177, 2006-2023.	2.7	57
25	Chronic (-)-epicatechin improves vascular oxidative and inflammatory status but not hypertension in chronic nitric oxide-deficient rats. <i>British Journal of Nutrition</i> , 2011, 106, 1337-1348.	1.2	55
26	Endothelium-Dependent Vasodilator Effects of Peroxisome Proliferator-Activated Receptor $\beta$ Agonists via the Phosphatidylinositol-3 Kinase-Akt Pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 554-561.	1.3	50
27	Early determinants of cardiovascular disease. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2012, 26, 581-597.	2.2	49
28	Probiotic <i>Bifidobacterium breve</i> prevents DOCA-salt hypertension. <i>FASEB Journal</i> , 2020, 34, 13626-13640.	0.2	45
29	Carnitine palmitoyltransferase-1 up-regulation by PPAR $\beta/\delta$ prevents lipid-induced endothelial dysfunction. <i>Clinical Science</i> , 2015, 129, 823-837.	1.8	42
30	Cardiovascular Effects of Flavonoids. <i>Current Medicinal Chemistry</i> , 2019, 26, 6991-7034.	1.2	41
31	Soy Isoflavones Improve Endothelial Function in Spontaneously Hypertensive Rats in an Estrogen-Independent Manner: Role of Nitric-Oxide Synthase, Superoxide, and Cyclooxygenase Metabolites. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 1300-1309.	1.3	40
32	Red wine polyphenols prevent endothelial dysfunction induced by endothelin-1 in rat aorta: role of NADPH oxidase. <i>Clinical Science</i> , 2011, 120, 321-333.	1.8	38
33	The Role of Nrf2 Signaling in PPAR $\beta/\delta$ -Mediated Vascular Protection against Hyperglycemia-Induced Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	30
34	Vascular superoxide production by endothelin-1 requires Src non-receptor protein tyrosine kinase and MAPK activation. <i>Atherosclerosis</i> , 2010, 212, 78-85.	0.4	29
35	Activation of Peroxisome Proliferator Activator Receptor $\beta/\delta$ Improves Endothelial Dysfunction and Protects Kidney in Murine Lupus. <i>Hypertension</i> , 2017, 69, 641-650.	1.3	26
36	<i>Lactobacillus fermentum</i> CECT5716 prevents renal damage in the NZBWF1 mouse model of systemic lupus erythematosus. <i>Food and Function</i> , 2020, 11, 5266-5274.	2.1	25

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37	Genistein restores caveolin-1 and AT-1 receptor expression and vascular function in large vessels of ovariectomized hypertensive rats. <i>Menopause</i> , 2007, 14, 933-940.	0.8	23
38	Effects of peroxisome proliferator-activated receptor- $\beta$ activation in endothelin-dependent hypertension. <i>Cardiovascular Research</i> , 2013, 99, 622-631.	1.8	23
39	Gut microbiota contributes to the development of hypertension in a genetic mouse model of systemic lupus erythematosus. <i>British Journal of Pharmacology</i> , 2021, 178, 3708-3729.	2.7	21
40	Mycophenolate mediated remodeling of gut microbiota and improvement of gut-brain axis in spontaneously hypertensive rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111189.	2.5	20
41	Probiotics Prevent Hypertension in a Murine Model of Systemic Lupus Erythematosus Induced by Toll-Like Receptor 7 Activation. <i>Nutrients</i> , 2021, 13, 2669.	1.7	19
42	Toll-like receptor 7-driven lupus autoimmunity induces hypertension and vascular alterations in mice. <i>Journal of Hypertension</i> , 2020, 38, 1322-1335.	0.3	18
43	Choriocarcinoma of the Testis Metastatic to the Skin. <i>The Journal of Dermatologic Surgery and Oncology</i> , 1991, 17, 466-470.	0.8	17
44	Allium-Derived Compound Propyl Propane Thiosulfonate (PTSO) Attenuates Metabolic Alterations in Mice Fed a High-Fat Diet through Its Anti-Inflammatory and Prebiotic Properties. <i>Nutrients</i> , 2021, 13, 2595.	1.7	17
45	Vascular and Central Activation of Peroxisome Proliferator-Activated Receptor- $\alpha$ Attenuates Angiotensin II-Induced Hypertension: Role of RGS-5. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 151-163.	1.3	16
46	Perinatal Inhibition of NF-KappaB Has Long-Term Antihypertensive and Renoprotective Effects in Fawn-Hooded Hypertensive Rats. <i>American Journal of Hypertension</i> , 2016, 29, 123-131.	1.0	16
47	Role of endoplasmic reticulum stress in the protective effects of PPAR $\beta/\delta$ activation on endothelial dysfunction induced by plasma from patients with lupus. <i>Arthritis Research and Therapy</i> , 2017, 19, 268.	1.6	11
48	Changes in Gut Microbiota Induced by Doxycycline Influence in Vascular Function and Development of Hypertension in DOCA-Salt Rats. <i>Nutrients</i> , 2021, 13, 2971.	1.7	11
49	Mycophenolate Improves Brain-Gut Axis Inducing Remodeling of Gut Microbiota in DOCA-Salt Hypertensive Rats. <i>Antioxidants</i> , 2020, 9, 1199.	2.2	8
50	Gut Microbiota Has a Crucial Role in the Development of Hypertension and Vascular Dysfunction in Toll-like Receptor 7-Driven Lupus Autoimmunity. <i>Antioxidants</i> , 2021, 10, 1426.	2.2	8
51	PROTECTIVE EFFECTS OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR (PPAR)- $\gamma$ ACTIVATION ON LIPID-INDUCED ENDOTHELIAL DYSFUNCTION via CARNITINE PALMITOYL TRANSFERASE-1 UPREGULATION. <i>Heart</i> , 2014, 100, A9.1-A9.	1.2	0