

Miguel Romero PÃ©rez

List of Publications by Year in descending order

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78
papers

3,387
citations

145106

33
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175968

55
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79
all docs

79
docs citations

79
times ranked

4955
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioactive imidamide-based compounds targeted against nitric oxide synthase. <i>Bioorganic Chemistry</i> , 2022, 120, 105637.	2.0	4
2	Trimethylamine N-Oxide Promotes Autoimmunity and a Loss of Vascular Function in Toll-like Receptor 7-Driven Lupus Mice. <i>Antioxidants</i> , 2022, 11, 84.	2.2	7
3	The Antioxidant Activity of <i>Thymus serpyllum</i> Extract Protects against the Inflammatory State and Modulates Gut Dysbiosis in Diet-Induced Obesity in Mice. <i>Antioxidants</i> , 2022, 11, 1073.	2.2	8
4	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
5	<i>Lactobacillus fermentum</i> CECT5716 ameliorates high fat diet-induced obesity in mice through modulation of gut microbiota dysbiosis. <i>Pharmacological Research</i> , 2021, 167, 105471.	3.1	43
6	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
7	TUTORIAL ACTION AND ORIENTATION FOR UNIVERSITY STUDENTS DURING THE COVID-19 PANDEMIC AT THE FACULTY OF PHARMACY OF THE UNIVERSITY OF GRANADA. <i>EDULEARN Proceedings</i> , 2021, , .	0.0	0
8	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
9	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
10	EFFECT OF COVID-19 ON THE PERFORMANCE INDICATORS AND SATISFACTION RATE IN THE DEGREE IN PHARMACY OF THE UNIVERSITY OF GRANADA. <i>EDULEARN Proceedings</i> , 2021, , .	0.0	0
11	Synthesis, bioevaluation and docking studies of new imidamide derivatives as nitric oxide synthase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 44, 116294.	1.4	13
12	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
13	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
14	The prebiotic properties of <i>Hibiscus sabdariffa</i> extract contribute to the beneficial effects in diet-induced obesity in mice. <i>Food Research International</i> , 2020, 127, 108722.	2.9	30
15	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
16	Mycophenolate Improves Brain-Gut Axis Inducing Remodeling of Gut Microbiota in DOCA-Salt Hypertensive Rats. <i>Antioxidants</i> , 2020, 9, 1199.	2.2	8
17	Probiotic <i>Bifidobacterium breve</i> prevents DOCA-salt hypertension. <i>FASEB Journal</i> , 2020, 34, 13626-13640.	0.2	45
18	<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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19	The Beneficial Effects of <i>Lippia Citriodora</i> Extract on Diet-Induced Obesity in Mice Are Associated with Modulation in the Gut Microbiota Composition. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000005.	1.5	19
20	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
21	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
22	Antihypertensive Effects of Virgin Olive Oil (Unfiltered) Low Molecular Weight Peptides with ACE Inhibitory Activity in Spontaneously Hypertensive Rats. <i>Nutrients</i> , 2020, 12, 271.	1.7	34
23	TUTORGRADOS 2.0, AN INNOVATIVE PROJECT ORIENTED TO STUDENTS WITH EDUCATIONAL NEEDS. , 2020, , .		0
24	EVALUATION OF INDICATORS OF ACADEMIC PERFORMANCE AND LABOR INSERTION OF GRADUATES FOR DEGREE IN PHARMACY: MAKING PROGRESS TOWARDS A QUALITY FUTURE. <i>EDULEARN Proceedings</i> , 2020, , .	0.0	0
25	Cardioprotective Effect of a Virgin Olive Oil Enriched with Bioactive Compounds in Spontaneously Hypertensive Rats. <i>Nutrients</i> , 2019, 11, 1728.	1.7	26
26	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
27	<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
28	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
29	β -RA reduces DMQ/CoQ ratio and rescues the encephalopathic phenotype in β -Coq9 ^{R239X} mice. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	27
30	Cardiovascular Effects of Flavonoids. <i>Current Medicinal Chemistry</i> , 2019, 26, 6991-7034.	1.2	41
31	<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
32	The Role of Nrf2 Signaling in PPAR γ -Mediated Vascular Protection against Hyperglycemia-Induced Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	30
33	Thiadiazoline- and Pyrazoline-Based Carboxamides and Carbothioamides: Synthesis and Inhibition against Nitric Oxide Synthase. <i>Journal of Chemistry</i> , 2018, 2018, 1-15.	0.9	4
34	Thyroid hormones stimulate L-arginine transport in human endothelial cells. <i>Journal of Endocrinology</i> , 2018, 239, 49-62.	1.2	14
35	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
36	The hypoglycemic effects of guava leaf (<i>Psidium guajava</i> L.) extract are associated with improving endothelial dysfunction in mice with diet-induced obesity. <i>Food Research International</i> , 2017, 96, 64-71.	2.9	27

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37	Activation of Peroxisome Proliferator Activator Receptor α Improves Endothelial Dysfunction and Protects Kidney in Murine Lupus. <i>Hypertension</i> , 2017, 69, 641-650.	1.3	26
38	Antihypertensive effects of peroxisome proliferator-activated receptor- α activation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 312, H189-H200.	1.5	26
39	Antihypertensive Effects of Probiotics. <i>Current Hypertension Reports</i> , 2017, 19, 26.	1.5	93
40	CoQ deficiency causes disruption of mitochondrial sulfide oxidation, a new pathomechanism associated with this syndrome. <i>EMBO Molecular Medicine</i> , 2017, 9, 78-95.	3.3	59
41	Protective vascular effects of quercitrin in acute TNBS-colitis in rats: the role of nitric oxide. <i>Food and Function</i> , 2017, 8, 2702-2711.	2.1	23
42	Endothelial microparticles prevent lipid-induced endothelial damage via Akt/eNOS signaling and reduced oxidative stress. <i>FASEB Journal</i> , 2017, 31, 4636-4648.	0.2	71
43	A novel role for small molecule glycomimetics in the protection against lipid-induced endothelial dysfunction: Involvement of Akt/eNOS and Nrf2/ARE signaling. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3311-3322.	1.1	58
44	Role of endoplasmic reticulum stress in the protective effects of PPAR- α activation on endothelial dysfunction induced by plasma from patients with lupus. <i>Arthritis Research and Therapy</i> , 2017, 19, 268.	1.6	11
45	Effects of BM-573 on Endothelial Dependent Relaxation and Increased Blood Pressure at Early Stages of Atherosclerosis. <i>PLoS ONE</i> , 2016, 11, e0152579.	1.1	12
46	Role of UCP2 in the protective effects of PPAR- α activation on lipopolysaccharide-induced endothelial dysfunction. <i>Biochemical Pharmacology</i> , 2016, 110-111, 25-36.	2.0	25
47	Vascular and Central Activation of Peroxisome Proliferator-Activated Receptor- α Attenuates Angiotensin II-Induced Hypertension: Role of RGS-5. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 151-163.	1.3	16
48	N,N'-Disubstituted thiourea and urea derivatives: design, synthesis, docking studies and biological evaluation against nitric oxide synthase. <i>MedChemComm</i> , 2016, 7, 667-678.	3.5	18
49	Antihypertensive effects of oleuropein-enriched olive leaf extract in spontaneously hypertensive rats. <i>Food and Function</i> , 2016, 7, 584-593.	2.1	67
50	Carnitine palmitoyltransferase-1 up-regulation by PPAR- α prevents lipid-induced endothelial dysfunction. <i>Clinical Science</i> , 2015, 129, 823-837.	1.8	42
51	43...A novel role for small molecule glycomimetics in the protection against lipid-induced endothelial dysfunction. <i>Heart</i> , 2015, 101, A14.2-A14.	1.2	0
52	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
53	Chronic peroxisome proliferator-activated receptor- α agonist GW0742 prevents hypertension, vascular inflammatory and oxidative status, and endothelial dysfunction in diet-induced obesity. <i>Journal of Hypertension</i> , 2015, 33, 1831-1844.	0.3	29
54	Increased Klf9 Urinary Excretion Is Associated to Hypertension-Induced Cardiovascular Damage and Renal Alterations. <i>Medicine (United States)</i> , 2015, 94, e1617.	0.4	4

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55	Quercetin and its metabolites inhibit the membrane NADPH oxidase activity in vascular smooth muscle cells from normotensive and spontaneously hypertensive rats. <i>Food and Function</i> , 2015, 6, 409-414.	2.1	40
56	Regulation of NADPH-dependent Nitric Oxide and reactive oxygen species signalling in endothelial and melanoma cells by a photoactive NADPH analogue. <i>Oncotarget</i> , 2014, 5, 10650-10664.	0.8	22
57	PROTECTIVE EFFECTS OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR (PPAR)- γ ACTIVATION ON LIPID-INDUCED ENDOTHELIAL DYSFUNCTION via CARNITINE PALMITOYL TRANSFERASE-1 UPREGULATION. <i>Heart</i> , 2014, 100, A9.1-A9.	1.2	0
58	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
59	PPAR δ activation restores the high glucose-induced impairment of insulin signalling in endothelial cells. <i>British Journal of Pharmacology</i> , 2014, 171, 3089-3102.	2.7	32
60	Genetic deletion of aquaporin-1 results in microcardia and low blood pressure in mouse with intact nitric oxide-dependent relaxation, but enhanced prostanoids-dependent relaxation. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 237-251.	1.3	29
61	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
62	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
63	Effects of peroxisome proliferator-activated receptor- δ activation in endothelin-dependent hypertension. <i>Cardiovascular Research</i> , 2013, 99, 622-631.	1.8	23
64	Rational design of a fluorescent NADPH derivative imaging constitutive nitric-oxide synthases upon two-photon excitation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12526-12531.	3.3	18
65	Vascular Hypoxic Preconditioning Relies on TRPV4-Dependent Calcium Influx and Proper Intercellular Gap Junctions Communication. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2241-2249.	1.1	49
66	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
67	Chronic (R)-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
68	Antihypertensive Effects of Peroxisome Proliferator-Activated Receptor- δ Activation in Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2011, 58, 733-743.	1.3	80
69	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
70	Lack of beneficial metabolic effects of quercetin in adult spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , 2010, 627, 242-250.	1.7	30
71	Endothelium-Dependent Vasodilator Effects of Peroxisome Proliferator-Activated Receptor δ Agonists via the Phosphatidylinositol-3 Kinase-Akt Pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 554-561.	1.3	50
72	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

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73	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
74	The HERACLES Cardiovascular Network. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2008, 61, 66-75.	0.4	1
75	Wine Polyphenols Improve Endothelial Function in Large Vessels of Female Spontaneously Hypertensive Rats. <i>Hypertension</i> , 2008, 51, 1088-1095.	1.3	95
76	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
77	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
78	Endothelial Nitric Oxide Production Stimulated by the Bioflavonoid Chrysin in Rat Isolated Aorta. <i>Planta Medica</i> , 2005, 71, 829-834.	0.7	19