Juan Duarte

List of Publications by Citations

155 papers	6,993 citations	47 h-index	78 g-index
157 ext. papers	7,982 ext. citations	5.1 avg, IF	5.68 L-index

#	Paper	IF	Citations
155	Effects of dietary fibers on disturbances clustered in the metabolic syndrome. *Journal of Nutritional Biochemistry*, **2008**, 19, 71-84	6.3	324
154	Antihypertensive effects of the flavonoid quercetin in spontaneously hypertensive rats. *British Journal of Pharmacology*, **2001**, 133, 117-24	8.6	313
153	Flavonols and cardiovascular disease. *Molecular Aspects of Medicine*, **2010**, 31, 478-94	16.7	262
152	Vasodilatory effects of flavonoids in rat aortic smooth muscle. Structure-activity relationships. *General Pharmacology*, **1993**, 24, 857-62		222
151	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
150	Antihypertensive effects of the flavonoid quercetin. *Pharmacological Reports*, **2009**, 61, 67-75	3.9	197
149	Vasodilator effects of quercetin in isolated rat vascular smooth muscle. *European Journal of Pharmacology*, **1993**, 239, 1-7	5.3	149
148	Endothelium-independent vasodilator effects of the flavonoid quercetin and its methylated metabolites in rat conductance and resistance arteries. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 302, 66-72	4.7	145
147	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
146	Endothelial function and cardiovascular disease: effects of quercetin and wine polyphenols. *Free Radical Research*, **2006**, 40, 1054-65	4	134
145	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
144	Gender differences in the effects of cardiovascular drugs. *European Heart Journal - Cardiovascular Pharmacotherapy*, **2017**, 3, 163-182	6.4	126
143	Antihypertensive effects of probiotics Lactobacillus strains in spontaneously hypertensive rats. *Molecular Nutrition and Food Research*, **2015**, 59, 2326-36	5.9	115
142	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
141	Protective effects of the flavonoid quercetin in chronic nitric oxide deficient rats. *Journal of Hypertension*, **2002**, 20, 1843-54	1.9	103
140	Glucuronidated and sulfated metabolites of the flavonoid quercetin prevent endothelial dysfunction but lack direct vasorelaxant effects in rat aorta. *Atherosclerosis*, **2009**, 204, 34-9	3.1	99
139	Vasodilator effect of olive leaf. *Planta Medica*, **1991**, 57, 417-9	3.1	97

138	Vascular deconjugation of quercetin glucuronide: the flavonoid paradox revealed?. *Molecular Nutrition and Food Research*, **2011**, 55, 1780-90	5.9	93
137	Effects of flavonoids on rat aortic smooth muscle contractility: structure-activity relationships. *General Pharmacology*, **1996**, 27, 273-7		93
136	Effects of chronic quercetin treatment in experimental renovascular hypertension. *Molecular and Cellular Biochemistry*, **2005**, 270, 147-55	4.2	92
135	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
134	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
133	The flavonoid paradox: conjugation and deconjugation as key steps for the biological activity of flavonoids. *Journal of the Science of Food and Agriculture*, **2012**, 92, 1822-5	4.3	87
132	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
131	Wine polyphenols improve endothelial function in large vessels of female spontaneously hypertensive rats. *Hypertension*, **2008**, 51, 1088-95	8.5	84
130	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
129	Chronic hydroxychloroquine improves endothelial dysfunction and protects kidney in a mouse model of systemic lupus erythematosus. *Hypertension*, **2014**, 64, 330-7	8.5	79
128	Glucuronidated quercetin lowers blood pressure in spontaneously hypertensive rats via deconjugation. *PLoS ONE*, **2012**, 7, e32673	3.7	76
127	Nitric oxide (NO) scavenging and NO protecting effects of quercetin and their biological significance in vascular smooth muscle. *Molecular Pharmacology*, **2004**, 65, 851-9	4.3	75
126	Antihypertensive Effects of Probiotics. *Current Hypertension Reports*, **2017**, 19, 26	4.7	72
125	Antihypertensive effects of peroxisome proliferator-activated receptor-□activation in spontaneously hypertensive rats. *Hypertension*, **2011**, 58, 733-43	8.5	71
124	Modulation of nitric oxide by flavonoids. *Food and Function*, **2014**, 5, 1653-68	6.1	68
123	The flavonoid quercetin induces apoptosis and inhibits JNK activation in intimal vascular smooth muscle cells. *Biochemical and Biophysical Research Communications*, **2006**, 346, 919-25	3.4	68
122	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
121	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

120	The flavonoid quercetin induces acute vasodilator effects in healthy volunteers: correlation with beta-glucuronidase activity. *Pharmacological Research*, **2014**, 89, 11-8	10.2	62
119	Endothelial microparticles prevent lipid-induced endothelial damage Akt/eNOS signaling and reduced oxidative stress. *FASEB Journal*, **2017**, 31, 4636-4648	0.9	62
118	Effects of chronic quercetin treatment on hepatic oxidative status of spontaneously hypertensive rats. *Molecular and Cellular Biochemistry*, **2001**, 221, 155-60	4.2	61
117	Flecainide increases Kir2.1 currents by interacting with cysteine 311, decreasing the polyamine-induced rectification. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 15631-6	11.5	60
116	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
115	Activation of peroxisome proliferator-activated receptor-[illegible] (PPAR[illegible]) prevents endothelial dysfunction in type 1 diabetic rats. *Free Radical Biology and Medicine*, **2012**, 53, 730-41	7.8	53
114	The flavonoid quercetin reverses pulmonary hypertension in rats. *PLoS ONE*, **2014**, 9, e114492	3.7	52
113	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
112	A novel role for small molecule glycomimetics in the protection against lipid-induced endothelial dysfunction: Involvement of Akt/eNOS and Nrf2/ARE signaling. *Biochimica Et Biophysica Acta - General Subjects*, **2017**, 1861, 3311-3322	4	50
111	Increased NADPH oxidase activity mediates spontaneous aortic tone in genetically hypertensive rats. *European Journal of Pharmacology*, **2006**, 544, 97-103	5.3	50
110	Epicatechin: endothelial function and blood pressure. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 8823-30	5.7	49
109	Effects of chronic chrysin treatment in spontaneously hypertensive rats. *Planta Medica*, **2002**, 68, 847-50	3.1	48
108	CoQ deficiency causes disruption of mitochondrial sulfide oxidation, a new pathomechanism associated with this syndrome. *EMBO Molecular Medicine*, **2017**, 9, 78-95	12	47
107	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
106	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
105	Kv7 channels critically determine coronary artery reactivity: left-right differences and down-regulation by hyperglycaemia. *Cardiovascular Research*, **2015**, 106, 98-108	9.9	46
104	Effects of chronic quercetin treatment on antioxidant defence system and oxidative status of deoxycorticosterone acetate-salt-hypertensive rats. *Molecular and Cellular Biochemistry*, **2004**, 259, 91-9	4.2	46
103	Cardiovascular effects of isorhamnetin and quercetin in isolated rat and porcine vascular smooth muscle and isolated rat atria. *Planta Medica*, **2002**, 68, 307-10	3.1	46

102	Antihypertensive effects of oleuropein-enriched olive leaf extract in spontaneously hypertensive rats. *Food and Function*, **2016**, 7, 584-93	6.1	45
101	Identification and characterization of novel angiotensin-converting enzyme inhibitors obtained from goat milk. *Journal of Dairy Science*, **2006**, 89, 3326-35	4	45
100	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
99	Effects of the flavonoid quercetin and its methylated metabolite isorhamnetin in isolated arteries from spontaneously hypertensive rats. *Planta Medica*, **2003**, 69, 995-1000	3.1	44
98	Vasorelaxant effects of the bioflavonoid chrysin in isolated rat aorta. *Planta Medica*, **2001**, 67, 567-9	3.1	44
97	Wine polyphenols stimulate superoxide anion production to promote calcium signaling and endothelial-dependent vasodilatation. *Physiological Research*, **2004**, 53, 595-602	2.1	43
96	Effects of quercetin treatment on vascular function in deoxycorticosterone acetate-salt hypertensive rats. Comparative study with verapamil. *Planta Medica*, **2004**, 70, 334-41	3.1	40
95	Different cardiovascular protective effects of quercetin administered orally or intraperitoneally in spontaneously hypertensive rats. *Food and Function*, **2012**, 3, 643-50	6.1	37
94	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
93	Cardiovascular effects of captopril and enalapril in obese Zucker rats. *European Journal of Pharmacology*, **1999**, 365, 225-32	5.3	37
92	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
91	Vasodilator effects of visnagin in isolated rat vascular smooth muscle. *European Journal of Pharmacology*, **1995**, 286, 115-22	5.3	34
90	Carnitine palmitoyltransferase-1 up-regulation by PPAR-β prevents lipid-induced endothelial dysfunction. *Clinical Science*, **2015**, 129, 823-37	6.5	33
89	Increased pressor sensitivity to chronic nitric oxide deficiency in hyperthyroid rats. *Hypertension*, **2003**, 42, 220-5	8.5	33
88	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
87	Quercetin and its metabolites inhibit the membrane NADPH oxidase activity in vascular smooth muscle cells from normotensive and spontaneously hypertensive rats. *Food and Function*, **2015**, 6, 409-14	6.1	31
86	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
85	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

84	Lack of beneficial metabolic effects of quercetin in adult spontaneously hypertensive rats. *European Journal of Pharmacology*, **2010**, 627, 242-50	5.3	29
83	Pulmonary Arterial Hypertension Affects the Rat Gut Microbiome. *Scientific Reports*, **2018**, 8, 9681	4.9	29
82	Development of urea and thiourea kynurenamine derivatives: synthesis, molecular modeling, and biological evaluation as nitric oxide synthase inhibitors. *ChemMedChem*, **2015**, 10, 874-82	3.7	28
81	Chronic peroxisome proliferator-activated receptor agonist GW0742 prevents hypertension, vascular inflammatory and oxidative status, and endothelial dysfunction in diet-induced obesity. *Journal of Hypertension*, **2015**, 33, 1831-44	1.9	28
80	Vascular superoxide production by endothelin-1 requires Src non-receptor protein tyrosine kinase and MAPK activation. *Atherosclerosis*, **2010**, 212, 78-85	3.1	27
79	Influence of thyroid state on cardiac and renal capillary density and glomerular morphology in rats. *Journal of Endocrinology*, **2013**, 216, 43-51	4.7	26
78	Involvement of thromboxane A2 in the endothelium-dependent contractions induced by myricetin in rat isolated aorta. *British Journal of Pharmacology*, **1999**, 127, 1539-44	8.6	25
77	Inhibitory effects of quercetin and staurosporine on phasic contractions in rat vascular smooth muscle. *European Journal of Pharmacology*, **1994**, 262, 149-56	5.3	25
76	PPAR activation restores the high glucose-induced impairment of insulin signalling in endothelial cells. *British Journal of Pharmacology*, **2014**, 171, 3089-102	8.6	23
75	Effects of visnadine on rat isolated vascular smooth muscles. *Planta Medica*, **1997**, 63, 233-6	3.1	23
74	Cardiovascular effects of visnagin on rats. *Planta Medica*, **2000**, 66, 35-9	3.1	23
73	Antihypertensive effects of peroxisome proliferator-activated receptor- activation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2017**, 312, H189-H200	5.2	22
72	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
71	Cardiovascular Effects of Flavonoids. *Current Medicinal Chemistry*, **2019**, 26, 6991-7034	4.3	22
70	Dietary vitamin E supplementation protects the rat large intestine from experimental inflammation. *International Journal for Vitamin and Nutrition Research*, **2001**, 71, 243-50	1.7	22
69	Changes to the gut microbiota induced by losartan contributes to its antihypertensive effects. *British Journal of Pharmacology*, **2020**, 177, 2006-2023	8.6	22
68	The hypoglycemic effects of guava leaf (Psidium guajava L.) extract are associated with improving endothelial dysfunction in mice with diet-induced obesity. *Food Research International*, **2017**, 96, 64-71	7	21
67	Effects of peroxisome proliferator-activated receptor- activation in endothelin-dependent hypertension. *Cardiovascular Research*, **2013**, 99, 622-31	9.9	21

66	Effect of tyrosine kinase and tyrosine phosphatase inhibitors on aortic contraction and induction of nitric oxide synthase. *European Journal of Pharmacology*, **1997**, 338, 25-33	5.3	21
65	Role of sex, gonadectomy and sex hormones in the development of nitric oxide inhibition-induced hypertension. *Experimental Physiology*, **2004**, 89, 155-62	2.4	21
64	Effects of the dietary flavonoid chrysin in isolated rat mesenteric vascular bed. *Journal of Vascular Research*, **2004**, 41, 509-16	1.9	20
63	Involvement of protein kinase C in reduced relaxant responses to the NO/cyclic GMP pathway in piglet pulmonary arteries contracted by the thromboxane A2-mimetic U46619. *British Journal of Pharmacology*, **1997**, 121, 1323-33	8.6	19
62	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
61	Lactobacillus fermentum CECT5716 ameliorates high fat diet-induced obesity in mice through modulation of gut microbiota dysbiosis. *Pharmacological Research*, **2021**, 167, 105471	10.2	19
60	Activation of Peroxisome Proliferator Activator Receptor □ Improves Endothelial Dysfunction and Protects Kidney in Murine Lupus. *Hypertension*, **2017**, 69, 641-650	8.5	18
59	Glucuronidated metabolites of the flavonoid quercetin do not auto-oxidise, do not generate free radicals and do not decrease nitric oxide bioavailability. *Planta Medica*, **2008**, 74, 741-6	3.1	18
58	In vivo vascular effects of genistein on a rat model of septic shock induced by lipopolysaccharide. *Journal of Cardiovascular Pharmacology*, **2003**, 42, 329-38	3.1	18
57	Role of UCP2 in the protective effects of PPAR□ activation on lipopolysaccharide-induced endothelial dysfunction. *Biochemical Pharmacology*, **2016**, 110-111, 25-36	6	18
56	□RA reduces DMQ/CoQ ratio and rescues the encephalopathic phenotype in mice. *EMBO Molecular Medicine*, **2019**, 11,	12	18
55	Protective Effects of Probiotic Consumption in Cardiovascular Disease in Systemic Lupus Erythematosus. *Nutrients*, **2019**, 11,	6.7	17
54	Effects of flecainide on isolated vascular smooth muscles of rat. *British Journal of Pharmacology*, **1991**, 104, 726-30	8.6	17
53	New antihypertensive drugs under development. *Current Medicinal Chemistry*, **2015**, 22, 305-42	4.3	17
52	Probiotic Bifidobacterium breve prevents DOCA-salt hypertension. *FASEB Journal*, **2020**, 34, 13626-13640	3.9	17
51	Protective Effects of Short-Chain Fatty Acids on Endothelial Dysfunction Induced by Angiotensin II. *Frontiers in Physiology*, **2020**, 11, 277	4.6	16
50	The prebiotic properties of Hibiscus sabdariffa extract contribute to the beneficial effects in diet-induced obesity in mice. *Food Research International*, **2020**, 127, 108722	7	16
49	Lack of synergistic interaction between quercetin and catechin in systemic and pulmonary vascular smooth muscle. *British Journal of Nutrition*, **2011**, 105, 1287-93	3.6	15

48	Endothelial nitric oxide production stimulated by the bioflavonoid chrysin in rat isolated aorta. *Planta Medica*, **2005**, 71, 829-34	3.1	15
47	Effects of visnagin on cyclic nucleotide phosphodiesterases and their role in its inhibitory effects on vascular smooth muscle contraction. *General Pharmacology*, **1999**, 32, 71-4		15
46	Antihypertensive Effects of Virgin Olive Oil (Unfiltered) Low Molecular Weight Peptides with ACE Inhibitory Activity in Spontaneously Hypertensive Rats. *Nutrients*, **2020**, 12,	6.7	15
45	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
44	N,N?-Disubstituted thiourea and urea derivatives: design, synthesis, docking studies and biological evaluation against nitric oxide synthase. *MedChemComm*, **2016**, 7, 667-678	5	14
43	Protective vascular effects of quercitrin in acute TNBS-colitis in rats: the role of nitric oxide. *Food and Function*, **2017**, 8, 2702-2711	6.1	14
42	Protective effects of the angiotensin II type 1 (AT1) receptor blockade in low-renin deoxycorticosterone acetate (DOCA)-treated spontaneously hypertensive rats. *Clinical Science*, **2004**, 106, 251-9	6.5	14
41	Inhibitory effects of quercetin on guinea-pig ileum contractions. *Phytotherapy Research*, **1996**, 10, 66-69	6.7	14
40	Role of endothelium-derived relaxing factors in adrenomedullin-induced vasodilation in the rat kidney. *European Journal of Pharmacology*, **2002**, 444, 97-102	5.3	12
39	The Beneficial Effects of Lippia Citriodora Extract on Diet-Induced Obesity in Mice Are Associated with Modulation in the Gut Microbiota Composition. *Molecular Nutrition and Food Research*, **2020**, 64, e2000005	5.9	11
38	Thyroid hormones stimulate L-arginine transport in human endothelial cells. *Journal of Endocrinology*, **2018**, 239, 49-62	4.7	10
37	Vitamin D deficiency downregulates TASK-1 channels and induces pulmonary vascular dysfunction. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2020**, 319, L627-L640	5.8	10
36	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
35	Toll-like receptor 7-driven lupus autoimmunity induces hypertension and vascular alterations in mice. *Journal of Hypertension*, **2020**, 38, 1322-1335	1.9	9
34	Impact of Nutrition on Pulmonary Arterial Hypertension. *Nutrients*, **2020**, 12,	6.7	9
33	Activation of PPAR prevents hyperglycaemia-induced impairment of Kv7 channels and cAMP-mediated relaxation in rat coronary arteries. *Clinical Science*, **2016**, 130, 1823-36	6.5	9
32	Effects of oleuropeoside in isolated guinea-pig atria. *Planta Medica*, **1993**, 59, 318-22	3.1	9
31	Impact of Vitamin D Deficit on the Rat Gut Microbiome. *Nutrients*, **2019**, 11,	6.7	8

30	Effects of (S)-nafenodone on 45Ca2+ fluxes and contractions in rat isolated vascular smooth muscle. *European Journal of Pharmacology*, **1993**, 232, 105-11	5.3	8
29	Microbiota and Hypertension: Role of the Sympathetic Nervous System and the Immune System. *American Journal of Hypertension*, **2020**, 33, 890-901	2.3	7
28	Gut DYSBIOSIS and altered barrier function precedes the appearance of metabolic syndrome in a rat model of nutrient-induced catch-up growth. *Journal of Nutritional Biochemistry*, **2020**, 81, 108383	6.3	7
27	Effects of factor Xa on the expression of proteins in femoral arteries from type 2 diabetic patients. *British Journal of Clinical Pharmacology*, **2014**, 78, 1366-77	3.8	7
26	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
25	Effects of aminophylline on contractions and 45Ca uptake in isolated rat vascular smooth muscle. *General Pharmacology*, **1992**, 23, 601-6		6
24	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
23	Involvement of protein kinase C and Na+/K+-ATPase in the contractile response induced by myricetin in rat isolated aorta. *Planta Medica*, **2002**, 68, 133-7	3.1	5
22	Effects of Quercetin in a Rat Model of Hemorrhagic Traumatic Shock and Reperfusion. *Molecules*, **2016**, 21,	4.8	5
21	Safety, Effectiveness, and Costs of Bevacizumab-Based Therapy in Southern Spain: A Real World Experience. *Medicine (United States)*, **2016**, 95, e3623	1.8	5
20	Effects of lisinopril on electromechanical properties and membrane currents in guinea-pig cardiac preparations. *British Journal of Pharmacology*, **1993**, 109, 873-9	8.6	4
19	New strategy of tacrolimus administration in animal model based on tacrolimus-loaded microspheres. *Transplant Immunology*, **2016**, 36, 9-13	1.7	4
18	Probiotics Prevent Hypertension in a Murine Model of Systemic Lupus Erythematosus Induced by Toll-Like Receptor 7 Activation. *Nutrients*, **2021**, 13,	6.7	4
17	-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
16	Increased Klk9 Urinary Excretion Is Associated to Hypertension-Induced Cardiovascular Damage and Renal Alterations. *Medicine (United States)*, **2015**, 94, e1617	1.8	3
15	Thiadiazoline- and Pyrazoline-Based Carboxamides and Carbothioamides: Synthesis and Inhibition against Nitric Oxide Synthase. *Journal of Chemistry*, **2018**, 2018, 1-15	2.3	2
14	Protecci cardiovascular con flavonoides: enigma farmacocin ico. *Ars Pharmaceutica*, **2015**, 56, 193-200	1.8	2
13	Vascular reactivity in chronic Goldblatt two kidney-one clip hypertensive rats. *Experientia*, **1990**, 46, 868-9		2

12	Bioactive imidamide-based compounds targeted against nitric oxide synthase.. *Bioorganic Chemistry*, **2022**, 120, 105637	5.1	2
11	Mycophenolate Improves Brain-Gut Axis Inducing Remodeling of Gut Microbiota in DOCA-Salt Hypertensive Rats. *Antioxidants*, **2020**, 9,	7.1	2
10	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
9	The Antioxidant Activity of Thymus serpyllum Extract Protects against the Inflammatory State and Modulates Gut Dysbiosis in Diet-Induced Obesity in Mice. *Antioxidants*, **2022**, 11, 1073	7.1	2
8	Aminophylline preferentially inhibits chloroethylclonidine-insensitive alpha-adrenoceptor-mediated contractions in rat aorta. *General Pharmacology*, **1993**, 24, 1359-64		1
7	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
6	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
5	180 Endothelial microparticles prevent lipid-induced endothelial dysfunction through activation of AKT/ENOS signalling pathway and attenuation of oxidative stress. *Heart*, **2015**, 101, A102.1-A102	5.1	
4	43 A novel role for small molecule glycomimetics in the protection against lipid-induced endothelial dysfunction. *Heart*, **2015**, 101, A14.2-A14	5.1	
3	Flavonols: Biochemistry Behind Cardiovascular Effects197-214		
2	204 Glycomimetics; A Novel Class of Drugs to Protect Against Free Fatty Acid-Induced Endothelial Dysfunction. *Heart*, **2016**, 102, A136.1-A136	5.1	
1	Vasoconstrictor and Pressor Effects of Des-Aspartate-Angiotensin I in Rat. *Biomedicines*, **2022**, 10, 1230	4.8	