

Maria Dolores Herrera Gonzalez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69

papers

1,879

citations

26

h-index

41

g-index

79

ext. papers

2,065

ext. citations

4.1

avg, IF

4.42

L-index

#	Paper	IF	Citations
69	Endothelial dysfunction and aging: an update. <i>Ageing Research Reviews</i> , 2010 , 9, 142-52	12	196
68	Potential vasorelaxant effects of oleanolic acid and erythrodiol, two triterpenoids contained in TrujitoTolive oil, on rat aorta. <i>British Journal of Nutrition</i> , 2004 , 92, 635-42	3.6	94
67	Effects of flavonoids on rat aortic smooth muscle contractility: structure-activity relationships. <i>General Pharmacology</i> , 1996 , 27, 273-7		93
66	Triterpenic compounds from "orujo" olive oil elicit vasorelaxation in aorta from spontaneously hypertensive rats. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 2096-102	5.7	80
65	Vasorelaxant effects of harmine and harmaline extracted from Peganum harmala L. seeds in isolated rat aorta. <i>Pharmacological Research</i> , 2006 , 54, 150-7	10.2	77
64	A pharmacological study of Cecropia obtusifolia Bertol aqueous extract. <i>Journal of Ethnopharmacology</i> , 2001 , 76, 279-84	5	60
63	Pomace olive oil improves endothelial function in spontaneously hypertensive rats by increasing endothelial nitric oxide synthase expression. <i>American Journal of Hypertension</i> , 2007 , 20, 728-34	2.3	55
62	Simvastatin improves endothelial function in spontaneously hypertensive rats through a superoxide dismutase mediated antioxidant effect. <i>Journal of Hypertension</i> , 2002 , 20, 429-37	1.9	53
61	Argan (<i>Argania spinosa</i>) oil lowers blood pressure and improves endothelial dysfunction in spontaneously hypertensive rats. <i>British Journal of Nutrition</i> , 2004 , 92, 921-9	3.6	51
60	Characterization of endothelial factors involved in the vasodilatory effect of simvastatin in aorta and small mesenteric artery of the rat. <i>British Journal of Pharmacology</i> , 2000 , 131, 1179-87	8.6	49
59	Pharmacological effects and clinical applications of propionyl-L-carnitine. <i>Nutrition Reviews</i> , 2011 , 69, 279-90	6.4	48
58	Oleanolic acid induces relaxation and calcium-independent release of endothelium-derived nitric oxide. <i>British Journal of Pharmacology</i> , 2008 , 155, 535-46	8.6	46
57	Effects of dietary oleic-rich oils (virgin olive and high-oleic-acid sunflower) on vascular reactivity in Wistar-Kyoto and spontaneously hypertensive rats. <i>British Journal of Nutrition</i> , 2001 , 86, 349-57	3.6	46
56	Rice bran enzymatic extract restores endothelial function and vascular contractility in obese rats by reducing vascular inflammation and oxidative stress. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1453-61	6.3	45
55	Oleanolic acid induces prostacyclin release in human vascular smooth muscle cells through a cyclooxygenase-2-dependent mechanism. <i>Journal of Nutrition</i> , 2008 , 138, 443-8	4.1	43
54	Water-soluble rice bran enzymatic extract attenuates dyslipidemia, hypertension and insulin resistance in obese Zucker rats. <i>European Journal of Nutrition</i> , 2013 , 52, 789-97	5.2	42
53	In vitro scavenger and antioxidant properties of hesperidin and neohesperidin dihydrochalcone. <i>Phytomedicine</i> , 1998 , 5, 469-73	6.5	42

52	L-carnitine and propionyl-L-carnitine improve endothelial dysfunction in spontaneously hypertensive rats: different participation of NO and COX-products. <i>Life Sciences</i> , 2005 , 77, 2082-97	6.8	42
51	Rice bran enzymatic extract-supplemented diets modulate adipose tissue inflammation markers in Zucker rats. <i>Nutrition</i> , 2014 , 30, 466-72	4.8	41
50	Ferulic acid, a bioactive component of rice bran, improves oxidative stress and mitochondrial biogenesis and dynamics in mice and in human mononuclear cells. <i>Journal of Nutritional Biochemistry</i> , 2017 , 48, 51-61	6.3	39
49	Effects of chronic treatment with simvastatin on endothelial dysfunction in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 1999 , 17, 769-76	1.9	33
48	Endothelium-dependent vasodilator and antioxidant properties of a novel enzymatic extract of grape pomace from wine industrial waste. <i>Food Chemistry</i> , 2012 , 135, 1044-51	8.5	32
47	Contribution of ferulic acid, bryzanol and tocotrienols to the cardiometabolic protective effects of rice bran. <i>Journal of Functional Foods</i> , 2017 , 32, 58-71	5.1	29
46	Propionyl-L-carnitine corrects metabolic and cardiovascular alterations in diet-induced obese mice and improves liver respiratory chain activity. <i>PLoS ONE</i> , 2012 , 7, e34268	3.7	29
45	Functional Properties of Pentacyclic Triterpenes Contained in "Orujo" Olive Oil. <i>Current Nutrition and Food Science</i> , 2006 , 2, 45-49	0.7	29
44	Rice bran prevents high-fat diet-induced inflammation and macrophage content in adipose tissue. <i>European Journal of Nutrition</i> , 2016 , 55, 2011-9	5.2	28
43	Effect of L-carnitine and propionyl-L-carnitine on endothelial function of small mesenteric arteries from SHR. <i>Journal of Vascular Research</i> , 2007 , 44, 354-64	1.9	26
42	Effects of pomace olive oil-enriched diets on endothelial function of small mesenteric arteries from spontaneously hypertensive rats. <i>British Journal of Nutrition</i> , 2009 , 102, 1435-44	3.6	25
41	Effects of HMG-CoA reductase inhibition by simvastatin on vascular dysfunction induced by lipopolysaccharide in rats. <i>Pharmacology</i> , 2008 , 82, 89-96	2.3	22
40	l-carnitine and its propionate: improvement of endothelial function in SHR through superoxide dismutase-dependent mechanisms. <i>Free Radical Research</i> , 2007 , 41, 884-91	4	22
39	Effects of simvastatin on endothelial function after chronic inhibition of nitric oxide synthase by L-NAME. <i>Journal of Cardiovascular Pharmacology</i> , 2003 , 42, 204-10	3.1	22
38	Effect of simvastatin on vascular smooth muscle responsiveness: involvement of Ca(2+) homeostasis. <i>European Journal of Pharmacology</i> , 2001 , 415, 217-24	5.3	22
37	Oral supplementation of propionyl-l-carnitine reduces body weight and hyperinsulinaemia in obese Zucker rats. <i>British Journal of Nutrition</i> , 2009 , 102, 1145-53	3.6	21
36	Critical update for the clinical use of L-carnitine analogs in cardiometabolic disorders. <i>Vascular Health and Risk Management</i> , 2011 , 7, 169-76	4.4	20
35	Effects of chronic treatment with the CB1 antagonist, rimonabant on the blood pressure, and vascular reactivity of obese Zucker rats. <i>Obesity</i> , 2009 , 17, 1340-7	8	19

34	Effects of genistein, an isoflavone isolated from <i>Genista tridentata</i> , on isolated guinea-pig ileum and guinea-pig ileal myenteric plexus. <i>Planta Medica</i> , 1992 , 58, 314-6	3.1	18
33	Bioavailability of the ferulic acid-derived phenolic compounds of a rice bran enzymatic extract and their activity against superoxide production. <i>Food and Function</i> , 2017 , 8, 2165-2174	6.1	17
32	Microvascular disorders in obese Zucker rats are restored by a rice bran diet. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 524-31	4.5	17
31	Hesperidin and Neohesperidin Dihydrochalcone on Different Experimental Models of Induced Gastric Ulcer. <i>Phytotherapy Research</i> , 1996 , 10, 616-618	6.7	17
30	Cell-based microfluidic device for screening anti-proliferative activity of drugs in vascular smooth muscle cells. <i>Biomedical Microdevices</i> , 2012 , 14, 1129-40	3.7	16
29	Endothelium-dependent vasorelaxation induced by L-carnitine in isolated aorta from normotensive and hypertensive rats. <i>Journal of Pharmacy and Pharmacology</i> , 2002 , 54, 1423-7	4.8	16
28	Cardiovascular effects of lovastatin in normotensive and spontaneously hypertensive rats. <i>General Pharmacology</i> , 1998 , 30, 331-6		15
27	Spasmolytic effects of tetrazepam on rat duodenum and guinea-pig ileum. <i>Pharmacological Research</i> , 1997 , 35, 493-7	10.2	14
26	Influence of pharmaceutical care on the delayed emesis associated with chemotherapy. <i>International Journal of Clinical Pharmacy</i> , 2014 , 36, 287-90	2.3	13
25	Regulation of vascular tone from spontaneously hypertensive rats by the HMG-CoA reductase inhibitor, simvastatin. <i>Pharmacology</i> , 2005 , 74, 209-15	2.3	13
24	Food supplementation with rice bran enzymatic extract prevents vascular apoptosis and atherogenesis in ApoE ^{-/-} mice. <i>European Journal of Nutrition</i> , 2017 , 56, 225-236		11
23	Spasmolytic action of the essential oil of <i>Achillea ageratum</i> L. in rats. <i>Phytotherapy Research</i> , 1995 , 9, 150-152	6.7	11
22	Rice bran enzymatic extract reduces atherosclerotic plaque development and steatosis in high-fat fed ApoE ^{-/-} mice. <i>Nutrition</i> , 2017 , 37, 22-29	4.8	10
21	Pomace Olive Oil Concentrated in Triterpenic Acids Restores Vascular Function, Glucose Tolerance and Obesity Progression in Mice. <i>Nutrients</i> , 2020 , 12,	6.7	9
20	Structural, mechanical and myogenic properties of small mesenteric arteries from ApoE KO mice: characterization and effects of virgin olive oil diets. <i>Atherosclerosis</i> , 2015 , 238, 55-63	3.1	8
19	Phenolic content of extra virgin olive oil is essential to restore endothelial dysfunction but not to prevent vascular inflammation in atherosclerotic lesions of Apo E deficient mice. <i>Journal of Functional Foods</i> , 2015 , 15, 126-136	5.1	6
18	Atherosclerosis-related inflammation and oxidative stress are improved by rice bran enzymatic extract. <i>Journal of Functional Foods</i> , 2016 , 26, 610-621	5.1	6
17	Vasodilating effects of tetrazepam in isolated vascular smooth muscles: comparison with cromakalim and diltiazem. <i>Pharmacological Research</i> , 1997 , 36, 237-42	10.2	5

16	Action of tacrine on muscarinic receptors in rat intestinal smooth muscle. <i>Autonomic and Autacoid Pharmacology</i> , 2001 , 21, 113-9		5
15	Diet supplementation with rice bran enzymatic extract restores endothelial impairment and wall remodelling of ApoE(-/-) mice microvessels. <i>Atherosclerosis</i> , 2016 , 250, 15-22	3.1	5
14	Relaxant effect of tetrazepam on rat uterine smooth muscle: role of calcium movement. <i>Journal of Pharmacy and Pharmacology</i> , 1996 , 48, 1169-73	4.8	4
13	Effect of naringin and naringenin on contractions induced by noradrenaline in rat vas deferens--I. Evidence for postsynaptic alpha-2 adrenergic receptor. <i>General Pharmacology</i> , 1993 , 24, 739-42		4
12	Chronic treatment with the cannabinoid 1 antagonist rimonabant altered vasoactive cyclo-oxygenase-derived products on arteries from obese Zucker rats. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 56, 560-9	3.1	3
11	Endothelium modulates contractile response to simvastatin in rat aorta. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2000 , 55, 121-4	1.7	3
10	Pomace Olive Oil Enriched In Oleanolic Acid Improves Diet-Induced Obesity And Exerts Protective Effects In Vascular Dysfunction And Metabolic Parameters. <i>Atherosclerosis</i> , 2019 , 287, e132	3.1	2
9	Pharmacological Actions of Naringin on Alpha, Beta-adrenoceptors and Uptake of Noradrenaline in Rat Isolated Vas Deferens. <i>Phytotherapy Research</i> , 1996 , 10, 523-525	6.7	2
8	Days Needed for the Disappearance of a Cough Due to the Use of an Angiotensin-Converting Enzyme Inhibitor and Identification of Predisposing Factors Associated With Its Appearance in a Clinical Cohort of Hypertensive Patients. <i>Journal of Clinical Pharmacology</i> , 2021 , 61, 591-597	2.9	2
7	Uterine relaxant effect of zolpidem: a comparison with other smooth muscle relaxants. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1997 , 52, 687-93	1.7	1
6	Effects of Ixanthus viscosus extracts on the central nervous system. <i>Planta Medica</i> , 1995 , 61, 71-2	3.1	1
5	Smooth muscle relaxant effects of tetrazepam on isolated guinea-pig and rat trachealis. <i>Autonomic and Autacoid Pharmacology</i> , 1996 , 16, 105-10		1
4	Specific requirements regarding module 4. <i>Pharmaceuticals Policy and Law</i> , 2015 , 17, 265-270		
3	Non-clinical reports. <i>Pharmaceuticals Policy and Law</i> , 2015 , 17, 91-100		
2	ARGAN OIL LOWERS BLOOD PRESSURE AND IMPROVES ENDOTHELIAL DYSFUNCTION IN SPONTANEOUSLY HYPERTENSIVE RATS. <i>Journal of Hypertension</i> , 2004 , 22, S338-S339	1.9	
1	Response to Letter to the Editor From Dr. Cimolai. <i>Journal of Clinical Pharmacology</i> , 2021 , 61, 1253	2.9	