

# Maria Dolores Herrera Gonzalez

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/1068084/maria-dolores-herrera-gonzalez-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Response to Letter to the Editor From Dr. Cimolai. <i>Journal of Clinical Pharmacology</i> , <b>2021</b> , 61, 1253	2.9	
68	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> , <b>2021</b> , 61, 591-597	2.9	2
67	Pomace Olive Oil Concentrated in Triterpenic Acids Restores Vascular Function, Glucose Tolerance and Obesity Progression in Mice. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	9
66	Pomace Olive Oil Enriched In Oleanolic Acid Improves Diet-Induced Obesity And Exerts Protective Effects In Vascular Dysfunction And Metabolic Parameters. <i>Atherosclerosis</i> , <b>2019</b> , 287, e132	3.1	2
65	Food supplementation with rice bran enzymatic extract prevents vascular apoptosis and atherogenesis in ApoE <sup>-/-</sup> mice. <i>European Journal of Nutrition</i> , <b>2017</b> , 56, 225-236		11
64	Rice bran enzymatic extract reduces atherosclerotic plaque development and steatosis in high-fat fed ApoE <sup>-/-</sup> mice. <i>Nutrition</i> , <b>2017</b> , 37, 22-29	4.8	10
63	Contribution of ferulic acid, Eryzanol and tocotrienols to the cardiometabolic protective effects of rice bran. <i>Journal of Functional Foods</i> , <b>2017</b> , 32, 58-71	5.1	29
62	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> , <b>2017</b> , 8, 2165-2174	6.1	17
61	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> , <b>2017</b> , 48, 51-61	6.3	39
60	Rice bran prevents high-fat diet-induced inflammation and macrophage content in adipose tissue. <i>European Journal of Nutrition</i> , <b>2016</b> , 55, 2011-9	5.2	28
59	Atherosclerosis-related inflammation and oxidative stress are improved by rice bran enzymatic extract. <i>Journal of Functional Foods</i> , <b>2016</b> , 26, 610-621	5.1	6
58	Diet supplementation with rice bran enzymatic extract restores endothelial impairment and wall remodelling of ApoE <sup>(-/-)</sup> mice microvessels. <i>Atherosclerosis</i> , <b>2016</b> , 250, 15-22	3.1	5
57	Specific requirements regarding module 4. <i>Pharmaceuticals Policy and Law</i> , <b>2015</b> , 17, 265-270		
56	Non-clinical reports. <i>Pharmaceuticals Policy and Law</i> , <b>2015</b> , 17, 91-100		
55	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> , <b>2015</b> , 15, 126-136	5.1	6
54	Structural, mechanical and myogenic properties of small mesenteric arteries from ApoE KO mice: characterization and effects of virgin olive oil diets. <i>Atherosclerosis</i> , <b>2015</b> , 238, 55-63	3.1	8
53	Influence of pharmaceutical care on the delayed emesis associated with chemotherapy. <i>International Journal of Clinical Pharmacy</i> , <b>2014</b> , 36, 287-90	2.3	13

52	Rice bran enzymatic extract-supplemented diets modulate adipose tissue inflammation markers in Zucker rats. <i>Nutrition</i> , <b>2014</b> , 30, 466-72	4.8	41
51	Microvascular disorders in obese Zucker rats are restored by a rice bran diet. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2014</b> , 24, 524-31	4.5	17
50	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> , <b>2013</b> , 24, 1453-61	6.3	45
49	Water-soluble rice bran enzymatic extract attenuates dyslipidemia, hypertension and insulin resistance in obese Zucker rats. <i>European Journal of Nutrition</i> , <b>2013</b> , 52, 789-97	5.2	42
48	Cell-based microfluidic device for screening anti-proliferative activity of drugs in vascular smooth muscle cells. <i>Biomedical Microdevices</i> , <b>2012</b> , 14, 1129-40	3.7	16
47	Endothelium-dependent vasodilator and antioxidant properties of a novel enzymatic extract of grape pomace from wine industrial waste. <i>Food Chemistry</i> , <b>2012</b> , 135, 1044-51	8.5	32
46	Propionyl-L-carnitine corrects metabolic and cardiovascular alterations in diet-induced obese mice and improves liver respiratory chain activity. <i>PLoS ONE</i> , <b>2012</b> , 7, e34268	3.7	29
45	Critical update for the clinical use of L-carnitine analogs in cardiometabolic disorders. <i>Vascular Health and Risk Management</i> , <b>2011</b> , 7, 169-76	4.4	20
44	Pharmacological effects and clinical applications of propionyl-L-carnitine. <i>Nutrition Reviews</i> , <b>2011</b> , 69, 279-90	6.4	48
43	Endothelial dysfunction and aging: an update. <i>Ageing Research Reviews</i> , <b>2010</b> , 9, 142-52	12	196
42	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> , <b>2010</b> , 56, 560-9	3.1	3
41	Oral supplementation of propionyl-l-carnitine reduces body weight and hyperinsulinaemia in obese Zucker rats. <i>British Journal of Nutrition</i> , <b>2009</b> , 102, 1145-53	3.6	21
40	Effects of chronic treatment with the CB1 antagonist, rimonabant on the blood pressure, and vascular reactivity of obese Zucker rats. <i>Obesity</i> , <b>2009</b> , 17, 1340-7	8	19
39	Effects of pomace olive oil-enriched diets on endothelial function of small mesenteric arteries from spontaneously hypertensive rats. <i>British Journal of Nutrition</i> , <b>2009</b> , 102, 1435-44	3.6	25
38	Oleanolic acid induces relaxation and calcium-independent release of endothelium-derived nitric oxide. <i>British Journal of Pharmacology</i> , <b>2008</b> , 155, 535-46	8.6	46
37	Effects of HMG-CoA reductase inhibition by simvastatin on vascular dysfunction induced by lipopolysaccharide in rats. <i>Pharmacology</i> , <b>2008</b> , 82, 89-96	2.3	22
36	Oleanolic acid induces prostacyclin release in human vascular smooth muscle cells through a cyclooxygenase-2-dependent mechanism. <i>Journal of Nutrition</i> , <b>2008</b> , 138, 443-8	4.1	43
35	l-carnitine and its propionate: improvement of endothelial function in SHR through superoxide dismutase-dependent mechanisms. <i>Free Radical Research</i> , <b>2007</b> , 41, 884-91	4	22

34	Effect of L-carnitine and propionyl-L-carnitine on endothelial function of small mesenteric arteries from SHR. <i>Journal of Vascular Research</i> , <b>2007</b> , 44, 354-64	1.9	26
33	Pomace olive oil improves endothelial function in spontaneously hypertensive rats by increasing endothelial nitric oxide synthase expression. <i>American Journal of Hypertension</i> , <b>2007</b> , 20, 728-34	2.3	55
32	Functional Properties of Pentacyclic Triterpenes Contained in "Orujo" Olive Oil. <i>Current Nutrition and Food Science</i> , <b>2006</b> , 2, 45-49	0.7	29
31	Triterpenic compounds from "orujo" olive oil elicit vasorelaxation in aorta from spontaneously hypertensive rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 2096-102	5.7	80
30	Vasorelaxant effects of harmine and harmaline extracted from Peganum harmala L. seeds in isolated rat aorta. <i>Pharmacological Research</i> , <b>2006</b> , 54, 150-7	10.2	77
29	Regulation of vascular tone from spontaneously hypertensive rats by the HMG-CoA reductase inhibitor, simvastatin. <i>Pharmacology</i> , <b>2005</b> , 74, 209-15	2.3	13
28	L-carnitine and propionyl-L-carnitine improve endothelial dysfunction in spontaneously hypertensive rats: different participation of NO and COX-products. <i>Life Sciences</i> , <b>2005</b> , 77, 2082-97	6.8	42
27	Argan ( <i>Argania spinosa</i> ) oil lowers blood pressure and improves endothelial dysfunction in spontaneously hypertensive rats. <i>British Journal of Nutrition</i> , <b>2004</b> , 92, 921-9	3.6	51
26	Potential vasorelaxant effects of oleanolic acid and erythrodiol, two triterpenoids contained in OrujoTolive oil, on rat aorta. <i>British Journal of Nutrition</i> , <b>2004</b> , 92, 635-42	3.6	94
25	ARGAN OIL LOWERS BLOOD PRESSURE AND IMPROVES ENDOTHELIAL DYSFUNCTION IN SPONTANEOUSLY HYPERTENSIVE RATS. <i>Journal of Hypertension</i> , <b>2004</b> , 22, S338-S339	1.9	
24	Effects of simvastatin on endothelial function after chronic inhibition of nitric oxide synthase by L-NAME. <i>Journal of Cardiovascular Pharmacology</i> , <b>2003</b> , 42, 204-10	3.1	22
23	Endothelium-dependent vasorelaxation induced by L-carnitine in isolated aorta from normotensive and hypertensive rats. <i>Journal of Pharmacy and Pharmacology</i> , <b>2002</b> , 54, 1423-7	4.8	16
22	Simvastatin improves endothelial function in spontaneously hypertensive rats through a superoxide dismutase mediated antioxidant effect. <i>Journal of Hypertension</i> , <b>2002</b> , 20, 429-37	1.9	53
21	Action of tacrine on muscarinic receptors in rat intestinal smooth muscle. <i>Autonomic and Autacoid Pharmacology</i> , <b>2001</b> , 21, 113-9		5
20	Effect of simvastatin on vascular smooth muscle responsiveness: involvement of Ca(2+) homeostasis. <i>European Journal of Pharmacology</i> , <b>2001</b> , 415, 217-24	5.3	22
19	A pharmacological study of <i>Cecropia obtusifolia</i> Bertol aqueous extract. <i>Journal of Ethnopharmacology</i> , <b>2001</b> , 76, 279-84	5	60
18	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> , <b>2001</b> , 86, 349-57	3.6	46
17	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> , <b>2000</b> , 131, 1179-87	8.6	49

16	Endothelium modulates contractile response to simvastatin in rat aorta. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>2000</b> , 55, 121-4	1.7	3
15	Effects of chronic treatment with simvastatin on endothelial dysfunction in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , <b>1999</b> , 17, 769-76	1.9	33
14	In vitro scavenger and antioxidant properties of hesperidin and neohesperidin dihydrochalcone. <i>Phytomedicine</i> , <b>1998</b> , 5, 469-73	6.5	42
13	Cardiovascular effects of lovastatin in normotensive and spontaneously hypertensive rats. <i>General Pharmacology</i> , <b>1998</b> , 30, 331-6		15
12	Uterine relaxant effect of zolpidem: a comparison with other smooth muscle relaxants. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>1997</b> , 52, 687-93	1.7	1
11	Spasmolytic effects of tetrazepam on rat duodenum and guinea-pig ileum. <i>Pharmacological Research</i> , <b>1997</b> , 35, 493-7	10.2	14
10	Vasodilating effects of tetrazepam in isolated vascular smooth muscles: comparison with cromakalim and diltiazem. <i>Pharmacological Research</i> , <b>1997</b> , 36, 237-42	10.2	5
9	Relaxant effect of tetrazepam on rat uterine smooth muscle: role of calcium movement. <i>Journal of Pharmacy and Pharmacology</i> , <b>1996</b> , 48, 1169-73	4.8	4
8	Hesperidin and Neohesperidin Dihydrochalcone on Different Experimental Models of Induced Gastric Ulcer. <i>Phytotherapy Research</i> , <b>1996</b> , 10, 616-618	6.7	17
7	Effects of flavonoids on rat aortic smooth muscle contractility: structure-activity relationships. <i>General Pharmacology</i> , <b>1996</b> , 27, 273-7		93
6	Pharmacological Actions of Naringin on Alpha, Beta-adrenoceptors and Uptake of Noradrenaline in Rat Isolated Vas Deferens. <i>Phytotherapy Research</i> , <b>1996</b> , 10, 523-525	6.7	2
5	Smooth muscle relaxant effects of tetrazepam on isolated guinea-pig and rat trachealis. <i>Autonomic and Autacoid Pharmacology</i> , <b>1996</b> , 16, 105-10		1
4	Spasmolytic action of the essential oil of <i>Achillea ageratum</i> L. in rats. <i>Phytotherapy Research</i> , <b>1995</b> , 9, 150-152	6.7	11
3	Effects of <i>Ixanthus viscosus</i> extracts on the central nervous system. <i>Planta Medica</i> , <b>1995</b> , 61, 71-2	3.1	1
2	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> , <b>1993</b> , 24, 739-42		4
1	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> , <b>1992</b> , 58, 314-6	3.1	18