

# Carlos Hermenegildo

## 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.

24  
papers

627  
citations

16  
h-index

25  
g-index

26  
ext. papers

772  
ext. citations

5.1  
avg, IF

3.5  
L-index

#	Paper	IF	Citations
24	Frailty and other geriatric conditions for risk stratification of older patients with acute coronary syndrome. <i>American Heart Journal</i> , <b>2014</b> , 168, 784-91	4.9	114
23	Estradiol induces endothelial cell migration and proliferation through estrogen receptor-enhanced RhoA/ROCK pathway. <i>Molecular and Cellular Endocrinology</i> , <b>2011</b> , 335, 96-103	4.4	53
22	Estradiol, acting through ER $\alpha$ induces endothelial non-classic renin-angiotensin system increasing angiotensin 1-7 production. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 422, 1-8	4.4	44
21	Estradiol stimulates vasodilatory and metabolic pathways in cultured human endothelial cells. <i>PLoS ONE</i> , <b>2009</b> , 4, e8242	3.7	44
20	Estradiol counteracts oxidized LDL-induced asymmetric dimethylarginine production by cultured human endothelial cells. <i>Cardiovascular Research</i> , <b>2007</b> , 73, 66-72	9.9	44
19	Mobilization of endothelial progenitor cells in acute cardiovascular events in the PROCELL study: time-course after acute myocardial infarction and stroke. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 80, 146-55	5.8	34
18	Usefulness of Clinical Data and Biomarkers for the Identification of Frailty After Acute Coronary Syndromes. <i>Canadian Journal of Cardiology</i> , <b>2015</b> , 31, 1462-8	3.8	34
17	Mas receptor is involved in the estrogen-receptor induced nitric oxide-dependent vasorelaxation. <i>Biochemical Pharmacology</i> , <b>2017</b> , 129, 67-72	6	28
16	MicroRNA as Crucial Regulators of Gene Expression in Estradiol-Treated Human Endothelial Cells. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 45, 1878-1892	3.9	28
15	Disparate miRNA expression in serum and plasma of patients with acute myocardial infarction: a systematic and paired comparative analysis. <i>Scientific Reports</i> , <b>2020</b> , 10, 5373	4.9	26
14	Extracellular histones disarrange vasoactive mediators release through a COX-NOS interaction in human endothelial cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 1584-1592	5.6	23
13	miRNA as a New Regulatory Mechanism of Estrogen Vascular Action. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	20
12	Extracellular histones activate autophagy and apoptosis via mTOR signaling in human endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 3234-3246	6.9	19
11	Endothelial Progenitor Cells Predict Cardiovascular Events after Atherothrombotic Stroke and Acute Myocardial Infarction. A PROCELL Substudy. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132415	3.7	19
10	Decreased bioavailability of nitric oxide in aorta from ovariectomized senescent mice. Role of cyclooxygenase. <i>Experimental Gerontology</i> , <b>2016</b> , 76, 1-8	4.5	17
9	Mechanisms underlying the influence of oestrogen on cardiovascular physiology in women. <i>Journal of Physiology</i> , <b>2019</b> , 597, 4873-4886	3.9	17
8	Gene expression profile induced by ovariectomy in bone marrow of mice: a functional approach to identify new candidate genes associated to osteoporosis risk in women. <i>Bone</i> , <b>2014</b> , 65, 33-41	4.7	16

7	Microparticles harbouring Sonic hedgehog morphogen improve the vasculogenesis capacity of endothelial progenitor cells derived from myocardial infarction patients. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 409-418	9.9	13
6	Role of miRNA in the Regulatory Mechanisms of Estrogens in Cardiovascular Ageing. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 6082387	6.7	13
5	Phytoestrogens increase the capacity of serum to stimulate prostacyclin release in human endothelial cells. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , <b>2003</b> , 82, 705-710	3.8	7
4	Endothelial transcriptomic changes induced by oxidized low density lipoprotein disclose an up-regulation of Jak-Stat pathway. <i>Vascular Pharmacology</i> , <b>2015</b> , 73, 104-14	5.9	6
3	Mercury effects on glutathione in the freshwater crayfish ( <i>Procambarus clarkii</i> ). In vivo and in vitro study. <i>Toxicological and Environmental Chemistry</i> , <b>1990</b> , 29, 1-7	1.4	4
2	Circulating miRNA Fingerprint and Endothelial Function in Myocardial Infarction: Comparison at Acute Event and One-Year Follow-Up. <i>Cells</i> , <b>2022</b> , 11, 1823	7.9	2
1	Alterations in the antioxidant defense of peripheral nervous tissue following acute ethanol administration. <i>Biochemical Society Transactions</i> , <b>1993</b> , 21, 92S	5.1	1