

M Victoria Cachofeiro

List of Publications by Citations

Source: <https://exaly.com/author-pdf/937717/m-victoria-cachofeiro-publications-by-citations.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.

115
papers

3,777
citations

32
h-index

56
g-index

125
ext. papers

4,270
ext. citations

4.9
avg, IF

4.76
L-index

#	Paper	IF	Citations
115	Oxidative stress and inflammation, a link between chronic kidney disease and cardiovascular disease. <i>Kidney International</i> , 2008 , S4-9	9.9	379
114	Galectin-3 mediates aldosterone-induced vascular fibrosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 67-75	9.4	255
113	The impact of galectin-3 inhibition on aldosterone-induced cardiac and renal injuries. <i>JACC: Heart Failure</i> , 2015 , 3, 59-67	7.9	127
112	Endothelial dysfunction, oxidative stress and inflammation in atherosclerosis: beneficial effects of statins. <i>Current Medicinal Chemistry</i> , 2007 , 14, 243-8	4.3	120
111	Effect of AT1 receptor antagonism on vascular and circulating inflammatory mediators in SHR: role of NF-kappaB/IkappaB system. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H111-5	5.2	102
110	Galectin-3 blockade inhibits cardiac inflammation and fibrosis in experimental hyperaldosteronism and hypertension. <i>Hypertension</i> , 2015 , 66, 767-75	8.5	99
109	Participation of prostacyclin in endothelial dysfunction induced by aldosterone in normotensive and hypertensive rats. <i>Hypertension</i> , 2005 , 46, 107-12	8.5	98
108	Aerobic exercise reduces oxidative stress and improves vascular changes of small mesenteric and coronary arteries in hypertension. <i>British Journal of Pharmacology</i> , 2013 , 168, 686-703	8.6	93
107	Leptin induces cardiac fibrosis through galectin-3, mTOR and oxidative stress: potential role in obesity. <i>Journal of Hypertension</i> , 2014 , 32, 1104-14; discussion 1114	1.9	85
106	Insulin resistance, inflammatory biomarkers, and adipokines in patients with chronic kidney disease: effects of angiotensin II blockade. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, S206-12	12.7	84
105	Endothelial dysfunction in spontaneously hypertensive rats: consequences of chronic treatment with losartan or captopril. <i>Journal of Hypertension</i> , 1997 , 15, 613-8	1.9	82
104	AT(1) receptor antagonism reduces endothelial dysfunction and intimal thickening in atherosclerotic rabbits. <i>Hypertension</i> , 1999 , 34, 969-75	8.5	75
103	Effects of atorvastatin on inflammatory and fibrinolytic parameters in patients with chronic kidney disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, S231-5	12.7	67
102	Aldosterone and the vascular system. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008 , 109, 331-5	5.1	63
101	Eplerenone reduces oxidative stress and enhances eNOS in SHR: vascular functional and structural consequences. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 1294-301	8.4	60
100	Endothelial dysfunction of rat coronary arteries after exposure to low concentrations of mercury is dependent on reactive oxygen species. <i>British Journal of Pharmacology</i> , 2011 , 162, 1819-31	8.6	59
99	Effect of dual blockade of the renin-angiotensin system on the progression of type 2 diabetic nephropathy: a randomized trial. <i>American Journal of Kidney Diseases</i> , 2013 , 61, 211-8	7.4	55

98	Galectin-3 Participates in Cardiovascular Remodeling Associated With Obesity. <i>Hypertension</i> , 2015 , 66, 961-9	8.5	54
97	Nitric oxide, the kidney, and hypertension. <i>American Journal of Hypertension</i> , 1997 , 10, 129-40	2.3	53
96	A role for cardiotrophin-1 in myocardial remodeling induced by aldosterone. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H2372-82	5.2	48
95	Losartan reduces phenylephrine constrictor response in aortic rings from spontaneously hypertensive rats. Role of nitric oxide and angiotensin II type 2 receptors. <i>Hypertension</i> , 1996 , 28, 967-72	8.5	48
94	Left and right ventricle late remodeling following myocardial infarction in rats. <i>PLoS ONE</i> , 2013 , 8, e64986	9.7	47
93	Participation of aldosterone in the vascular inflammatory response of spontaneously hypertensive rats: role of the NFkappaB/IkappaB system. <i>Journal of Hypertension</i> , 2005 , 23, 1167-72	1.9	46
92	Anatomical and functional alterations of the heart in morbid obesity. Changes after bariatric surgery. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 14-21	1.5	45
91	Nitric oxide and prostaglandins in the prolonged effects of losartan and ramipril in hypertension. <i>Hypertension</i> , 1995 , 26, 236-43	8.5	45
90	Mercury induces proliferation and reduces cell size in vascular smooth muscle cells through MAPK, oxidative stress and cyclooxygenase-2 pathways. <i>Toxicology and Applied Pharmacology</i> , 2013 , 268, 188-200	10.6	43
89	Effects of isoproterenol treatment for 7 days on inflammatory mediators in the rat aorta. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H211-9	5.2	43
88	Role for Galectin-3 in Calcific Aortic Valve Stenosis. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	40
87	The lysyl oxidase inhibitor (Eaminopropionitrile) reduces leptin profibrotic effects and ameliorates cardiovascular remodeling in diet-induced obesity in rats. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 92, 96-104	5.8	39
86	The presence of abdominal obesity is associated with changes in vascular function independently of other cardiovascular risk factors. <i>International Journal of Cardiology</i> , 2010 , 139, 32-41	3.2	36
85	Galectin-3 Blockade Reduces Renal Fibrosis in Two Normotensive Experimental Models of Renal Damage. <i>PLoS ONE</i> , 2016 , 11, e0166272	3.7	34
84	Cardiac benefits of exercise training in aging spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2011 , 29, 2349-58	1.9	32
83	Effect of AT1 receptor blockade on hepatic redox status in SHR: possible relevance for endothelial function?. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2003 , 285, R674-81	3.2	32
82	Renal and vascular consequences of the chronic nitric oxide synthase inhibition. Effects of antihypertensive drugs. <i>American Journal of Hypertension</i> , 1996 , 9, 1077-83	2.3	32
81	Obesity-induced cardiac lipid accumulation in adult mice is modulated by G protein-coupled receptor kinase 2 levels. <i>Cardiovascular Diabetology</i> , 2016 , 15, 155	8.7	32

80	Oxidative stress in uremia: the role of anemia correction. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, S174-7	12.7	30
79	A role for soluble ST2 in vascular remodeling associated with obesity in rats. <i>PLoS ONE</i> , 2013 , 8, e79176	3.7	29
78	Mechanisms underlying the activation of L-type calcium channels by urocortin in rat ventricular myocytes. <i>Cardiovascular Research</i> , 2010 , 87, 459-66	9.9	27
77	Urocortin induces positive inotropic effect in rat heart. <i>Cardiovascular Research</i> , 2009 , 83, 717-25	9.9	27
76	Interactions between aldosterone and connective tissue growth factor in vascular and renal damage in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2007 , 25, 629-38	1.9	27
75	Galectin-3 down-regulates antioxidant peroxiredoxin-4 in human cardiac fibroblasts: a new pathway to induce cardiac damage. <i>Clinical Science</i> , 2018 , 132, 1471-1485	6.5	26
74	Rosuvastatin restored adrenergic and nitergic function in mesenteric arteries from obese rats. <i>British Journal of Pharmacology</i> , 2011 , 162, 271-85	8.6	26
73	Losartan reduces constrictor responses to endothelin-1 and the thromboxane A2 analogue in aortic rings from spontaneously hypertensive rats: role of nitric oxide. <i>Journal of Hypertension</i> , 1997 , 15, 1677-84	1.9	26
72	Role of connective tissue growth factor in vascular and renal damage associated with hypertension in rats. Interactions with angiotensin II. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2006 , 7, 192-200	3	26
71	Relevance of endothelium-derived hyperpolarizing factor in the effects of hypertension on rat coronary relaxations. <i>Journal of Hypertension</i> , 2001 , 19, 539-45	1.9	26
70	The lysyl oxidase inhibitor β -aminopropionitrile reduces body weight gain and improves the metabolic profile in diet-induced obesity in rats. <i>DMM Disease Models and Mechanisms</i> , 2015 , 8, 543-51	4.1	25
69	Galectin-3 pharmacological inhibition attenuates early renal damage in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2018 , 36, 368-376	1.9	25
68	Valsartan improves fibrinolytic balance in atherosclerotic rabbits. <i>Journal of Hypertension</i> , 2002 , 20, 303-10	1.9	25
67	Effects of antihypertensive therapy on factors mediating endothelium-dependent relaxation in rats treated chronically with L-NAME. <i>Journal of Hypertension</i> , 1999 , 17, 221-7	1.9	25
66	Brown fat lipotrophy and increased visceral adiposity through a concerted adipocytokines overexpression induces vascular insulin resistance and dysfunction. <i>Endocrinology</i> , 2012 , 153, 1242-55	4.8	24
65	Aldosterone modulates neural vasomotor response in hypertension: role of calcitonin gene-related peptide. <i>Regulatory Peptides</i> , 2004 , 120, 253-60		24
64	Ezetimibe inhibits PMA-induced monocyte/macrophage differentiation by altering microRNA expression: a novel anti-atherosclerotic mechanism. <i>Pharmacological Research</i> , 2012 , 66, 536-43	10.2	23
63	Chronic treatment with losartan ameliorates vascular dysfunction induced by aging in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 1998 , 16, 665-72	1.9	23

62	Inhibition of galectin-3 ameliorates the consequences of cardiac lipotoxicity in a rat model of diet-induced obesity. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	22
61	The role of oxidative stress in the crosstalk between leptin and mineralocorticoid receptor in the cardiac fibrosis associated with obesity. <i>Scientific Reports</i> , 2017 , 7, 16802	4.9	22
60	Exposure to low mercury concentration in vivo impairs myocardial contractile function. <i>Toxicology and Applied Pharmacology</i> , 2011 , 255, 193-9	4.6	21
59	Synergistic effect of angiotensin-converting enzyme (ACE) and 3-hydroxy-3-methylglutaryl-CoA (HMG-CoA) reductase inhibition on inflammatory markers in atherosclerotic rabbits. <i>Clinical Science</i> , 2003 , 105, 655-62	6.5	21
58	Effect of recombinant human growth hormone administration on body composition and vascular function and structure in old male Wistar rats. <i>Biogerontology</i> , 2005 , 6, 303-12	4.5	21
57	The protective effect of irbesartan in rats fed a high fat diet is associated with modification of leptin-adiponectin imbalance. <i>Journal of Hypertension</i> , 2009 , 27, S37-41	1.9	20
56	Aldosterone Impairs Mitochondrial Function in Human Cardiac Fibroblasts via A-Kinase Anchor Protein 12. <i>Scientific Reports</i> , 2018 , 8, 6801	4.9	19
55	mPGES-1 (Microsomal Prostaglandin E Synthase-1) Mediates Vascular Dysfunction in Hypertension Through Oxidative Stress. <i>Hypertension</i> , 2018 , 72, 492-502	8.5	19
54	The role of mitochondrial oxidative stress in the metabolic alterations in diet-induced obesity in rats. <i>FASEB Journal</i> , 2019 , 33, 12060-12072	0.9	19
53	Inflammation but not endothelial dysfunction is associated with the severity of coronary artery disease in dyslipidemic subjects. <i>Mediators of Inflammation</i> , 2009 , 2009, 469169	4.3	19
52	Cardiotrophin-1 induces sarcoplasmic reticulum Ca(2+) leak and arrhythmogenesis in adult rat ventricular myocytes. <i>Cardiovascular Research</i> , 2012 , 96, 81-9	9.9	19
51	DIOL triterpenes block profibrotic effects of angiotensin II and protect from cardiac hypertrophy. <i>PLoS ONE</i> , 2012 , 7, e41545	3.7	19
50	Interleukin-33/ST2 system attenuates aldosterone-induced adipogenesis and inflammation. <i>Molecular and Cellular Endocrinology</i> , 2015 , 411, 20-7	4.4	18
49	A proteomic approach to determine changes in proteins involved in the myocardial metabolism in left ventricles of spontaneously hypertensive rats. <i>Cellular Physiology and Biochemistry</i> , 2010 , 25, 347-58 ^{3.9}	3.9	18
48	Structural, functional, and molecular alterations produced by aldosterone plus salt in rat heart: association with enhanced serum and glucocorticoid-regulated kinase-1 expression. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 57, 114-21	3.1	17
47	The impact of bariatric surgery on renal and cardiac functions in morbidly obese patients. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27 Suppl 4, iv53-7	4.3	17
46	Role of endothelin-1 and thromboxane A2 in renal vasoconstriction induced by angiotensin II in diabetes and hypertension. <i>Kidney International</i> , 2002 , S2-7	9.9	17
45	Emerging Roles of Lysyl Oxidases in the Cardiovascular System: New Concepts and Therapeutic Challenges. <i>Biomolecules</i> , 2019 , 9,	5.9	16

44	Inflammation: A Link Between Hypertension and Atherosclerosis. <i>Current Hypertension Reviews</i> , 2009 , 5, 40-48	2.3	16
43	Cardiac L-type calcium current is increased in a model of hyperaldosteronism in the rat. <i>Experimental Physiology</i> , 2009 , 94, 675-83	2.4	16
42	In vivo tissue specific modulation of rat insulin receptor gene expression in an experimental model of mineralocorticoid excess. <i>Molecular and Cellular Biochemistry</i> , 1998 , 185, 177-82	4.2	16
41	Factors involved in the effects of losartan on endothelial dysfunction induced by aging in SHR. <i>Kidney International</i> , 1998 , 68, S30-5	9.9	16
40	Effects of fluvastatin extended-release (80 mg) alone and in combination with ezetimibe (10 mg) on low-density lipoprotein cholesterol and inflammatory parameters in patients with primary hypercholesterolemia: a 12-week, multicenter, randomized, open-label, parallel-group study. <i>Clinical Therapeutics</i> , 2008 , 30, 84-97	3.5	15
39	Effect of atorvastatin on endothelium-dependent constrictor factors in dyslipidemic rabbits. <i>General Pharmacology</i> , 2000 , 34, 263-72		15
38	A role for galectin-3 in the development of early molecular alterations in short-term aortic stenosis. <i>Clinical Science</i> , 2017 , 131, 935-949	6.5	14
37	The Crosstalk between Cardiac Lipotoxicity and Mitochondrial Oxidative Stress in the Cardiac Alterations in Diet-Induced Obesity in Rats. <i>Cells</i> , 2020 , 9,	7.9	14
36	A role for fumarate hydratase in mediating oxidative effects of galectin-3 in human cardiac fibroblasts. <i>International Journal of Cardiology</i> , 2018 , 258, 217-223	3.2	13
35	The protective role of atorvastatin on function, structure and ultrastructure in the aorta of dyslipidemic rabbits. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2000 , 437, 545-54	5.1	13
34	Antagonistic effect of TNF-alpha and insulin on uncoupling protein 2 (UCP-2) expression and vascular damage. <i>Cardiovascular Diabetology</i> , 2014 , 13, 108	8.7	12
33	High levels of circulating TNFR1 increase the risk of all-cause mortality and progression of renal disease in type 2 diabetic nephropathy. <i>Nephrology</i> , 2017 , 22, 354-360	2.2	11
32	Spironolactone prevents alterations associated with cardiac hypertrophy produced by isoproterenol in rats: involvement of serum- and glucocorticoid-regulated kinase type 1. <i>Experimental Physiology</i> , 2012 , 97, 710-8	2.4	11
31	AT-1 receptor antagonism modifies the mediation of endothelin-1, thromboxane A2, and catecholamines in the renal constrictor response to angiotensin II. <i>Kidney International</i> , 2005 , S3-9	9.9	11
30	The Interaction between Mitochondrial Oxidative Stress and Gut Microbiota in the Cardiometabolic Consequences in Diet-Induced Obese Rats. <i>Antioxidants</i> , 2020 , 9,	7.1	11
29	The Impact of Cardiac Lipotoxicity on Cardiac Function and Mirnas Signature in Obese and Non-Obese Rats with Myocardial Infarction. <i>Scientific Reports</i> , 2019 , 9, 444	4.9	10
28	The effects of adiponectin and leptin on human endothelial cell proliferation: a live-cell study. <i>Journal of Vascular Research</i> , 2012 , 49, 111-22	1.9	10
27	Comparison between the effects of mixed dyslipidaemia and hypercholesterolaemia on endothelial function, atherosclerotic lesions and fibrinolysis in rabbits. <i>Clinical Science</i> , 2003 , 104, 357-65	6.5	10

26	Chronic l-arginine treatment reduces vascular smooth muscle cell hypertrophy through cell cycle modifications in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2004 , 22, 751-8	1.9	10
25	Comparison between the effects of mixed dyslipidaemia and hypercholesterolaemia on endothelial function, atherosclerotic lesions and fibrinolysis in rabbits. <i>Clinical Science</i> , 2003 , 104, 357-365	6.5	9
24	Molecular heterogeneity of circulating prolactin in chronic uremic men and renal transplant recipients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1986 , 62, 352-6	5.6	9
23	Interplay of hypertension, inflammation, and angiotensin II. <i>American Journal of Hypertension</i> , 2011 , 24, 1059	2.3	8
22	Secreted Phospholipase A-IIA Modulates Transdifferentiation of Cardiac Fibroblast through EGFR Transactivation: An Inflammation-Fibrosis Link. <i>Cells</i> , 2020 , 9,	7.9	7
21	A wound-like inflammatory aortic response in chronic portal hypertensive rats. <i>Molecular Immunology</i> , 2012 , 51, 177-87	4.3	7
20	Renal dysfunction after chronic blockade of nitric oxide synthesis. <i>Antioxidants and Redox Signaling</i> , 2002 , 4, 885-91	8.4	6
19	Fenofibrate and pioglitazone do not ameliorate the altered vascular reactivity in aorta of isoproterenol-treated rats. <i>Journal of Cardiovascular Pharmacology</i> , 2008 , 52, 413-21	3.1	5
18	Oxidative Stress and Vascular Damage in the Context of Obesity: The Hidden Guest. <i>Antioxidants</i> , 2021 , 10,	7.1	3
17	The Interplay of Mitochondrial Oxidative Stress and Endoplasmic Reticulum Stress in Cardiovascular Fibrosis in Obese Rats. <i>Antioxidants</i> , 2021 , 10,	7.1	3
16	Aldosterone and the cardiovascular system: a dangerous association. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010 , 4, 539-48	1.3	2
15	Role of endoplasmic reticulum stress in renal damage after myocardial infarction. <i>Clinical Science</i> , 2021 , 135, 143-159	6.5	2
14	The impact of obesity in the cardiac lipidome and its consequences in the cardiac damage observed in obese rats. <i>Clinica E Investigaci3n En Arteriosclerosis</i> , 2018 , 30, 10-20	1.4	1
13	Specific amelioration of cerebral endothelial dysfunction in hypertensive patients treated with atorvastatin. <i>American Journal of Hypertension</i> , 2008 , 21, 604	2.3	1
12	Identification of a Plasma MicroRNA Signature as Biomarker of Subaneurysmal Aortic Dilatation in Patients with High Cardiovascular Risk. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
11	Fibrosis, the Bad Actor in Cardiorenal Syndromes: Mechanisms Involved. <i>Cells</i> , 2021 , 10,	7.9	1
10	Efecto de la atorvastatina sobre la expresi3n vascular de los PPAR en conejos dislip3micos. <i>Clinica E Investigaci3n En Arteriosclerosis</i> , 2007 , 19, 166-173	1.4	0
9	The impact of obesity in the cardiac lipidome and its consequences in the cardiac damage observed in obese rats. <i>Clinica E Investigaci3n En Arteriosclerosis (English Edition)</i> , 2018 , 30, 10-20	0.3	

- 8 Papel de la quinasa regulada por suero y glucocorticoides 1 en las alteraciones cardíacas producidas por la aldosterona en ratas. *Clinica E Investigaci3n En Arteriosclerosis*, **2012**, 24, 267-274 1.4
- 7 Papel de la angiotensina II en el proceso ateroscler3tico. *Clinica E Investigaci3n En Arteriosclerosis*, **2012**, 24, 92-101 1.4
- 6 Hipertensi3n portal: desarrollo de una respuesta inflamatoria sist3mica asociada a s3ndrome metab3lico. *Clinica E Investigaci3n En Arteriosclerosis*, **2012**, 24, 157-166 1.4
- 5 Efecto del tratamiento con candesartan sobre los mecanismos y factores implicados en el desarrollo de la enfermedad cardiovascular asociada a sobrepeso y exceso de tejido adiposo visceral en la rata. *Clinica E Investigaci3n En Arteriosclerosis*, **2011**, 23, 55-61 1.4
- 4 Papel de las estatinas en la enfermedad renal cr3nica (ERC). *Clinica E Investigaci3n En Arteriosclerosis*, **2010**, 22, 17-24 1.4
- 3 Response to Treatment with statins may be considered in ESRD patients for primary prevention of cardiovascular diseaseS *Kidney International*, **2009**, 75, 1355 9.9
- 2 Participaci3n de los mineralocorticoides en la respuesta inflamatoria vascular asociada a la hipertensi3n. *Clinica E Investigaci3n En Arteriosclerosis*, **2008**, 20, 233-238 1.4
- 1 Papel del factor de crecimiento de tejido conectivo en el da3o vascular asociado a hipertensi3n en ratas. Interacci3n con la aldosterona. *Clinica E Investigaci3n En Arteriosclerosis*, **2007**, 19, 232-239 1.4