

# Ernesto Martinez-Martinez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3837586/publications.pdf>

Version: 2024-02-01

60  
papers

2,138  
citations

236925

25  
h-index

233421

45  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3089  
citing authors

#	ARTICLE	IF	CITATIONS
1	Galectin-3 Mediates Aldosterone-Induced Vascular Fibrosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 67-75.	2.4	312
2	The Impact of Galectin-3 Inhibition on Aldosterone-Induced Cardiac and Renal Injuries. <i>JACC: Heart Failure</i> , 2015, 3, 59-67.	4.1	164
3	Galectin-3 Blockade Inhibits Cardiac Inflammation and Fibrosis in Experimental Hyperaldosteronism and Hypertension. <i>Hypertension</i> , 2015, 66, 767-775.	2.7	129
4	Leptin induces cardiac fibrosis through galectin-3, mTOR and oxidative stress. <i>Journal of Hypertension</i> , 2014, 32, 1104-1114.	0.5	107
5	More than a simple biomarker: the role of NGAL in cardiovascular and renal diseases. <i>Clinical Science</i> , 2018, 132, 909-923.	4.3	98
6	CT-1 (Cardiotrophin-1)-Gal-3 (Galectin-3) Axis in Cardiac Fibrosis and Inflammation. <i>Hypertension</i> , 2019, 73, 602-611.	2.7	78
7	Neutrophil Gelatinase-Associated Lipocalin, a Novel Mineralocorticoid Biotarget, Mediates Vascular Profibrotic Effects of Mineralocorticoids. <i>Hypertension</i> , 2015, 66, 158-166.	2.7	75
8	Galectin-3 Participates in Cardiovascular Remodeling Associated With Obesity. <i>Hypertension</i> , 2015, 66, 961-969.	2.7	68
9	Aldosterone Target NGAL (Neutrophil Gelatinase-Associated Lipocalin) Is Involved in Cardiac Remodeling After Myocardial Infarction Through NF- $\kappa$ B Pathway. <i>Hypertension</i> , 2017, 70, 1148-1156.	2.7	67
10	Role for Galectin-3 in Calcific Aortic Valve Stenosis. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	55
11	The lysyl oxidase inhibitor ( $\beta$ -aminopropionitrile) 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.	1.9	52
12	The potential role of leptin in the vascular remodeling associated with obesity. <i>International Journal of Obesity</i> , 2014, 38, 1565-1572.	3.4	47
13	Neutrophil Gelatinase-Associated Lipocalin from immune cells is mandatory for aldosterone-induced cardiac remodeling and inflammation. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 115, 32-38.	1.9	47
14	The endothelial $\beta$ -ENaC contributes to vascular endothelial function in vivo. <i>PLoS ONE</i> , 2017, 12, e0185319.	2.5	47
15	Galectin-3 Blockade Reduces Renal Fibrosis in Two Normotensive Experimental Models of Renal Damage. <i>PLoS ONE</i> , 2016, 11, e0166272.	2.5	43
16	Galectin-3 inhibition prevents adipose tissue remodelling in obesity. <i>International Journal of Obesity</i> , 2016, 40, 1034-1038.	3.4	41
17	The lysyl oxidase inhibitor $\beta$ -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, 543-551.	2.4	40
18	A Role for Soluble ST2 in Vascular Remodeling Associated with Obesity in Rats. <i>PLoS ONE</i> , 2013, 8, e79176.	2.5	37

#	ARTICLE	IF	CITATIONS
19	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.	4.3	37
20	Myocardial Injury After Ischemia/Reperfusion Is Attenuated By Pharmacological Galectin-3 Inhibition. <i>Scientific Reports</i> , 2019, 9, 9607.	3.3	35
21	Galectin-3 pharmacological inhibition attenuates early renal damage in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2018, 36, 368-376.	0.5	34
22	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.	3.3	32
23	Differential Proteomics Identifies Reticulocalbin-3 as a Novel Negative Mediator of Collagen Production in Human Cardiac Fibroblasts. <i>Scientific Reports</i> , 2017, 7, 12192.	3.3	29
24	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, .	2.4	28
25	The role of mitochondrial oxidative stress in the metabolic alterations in diet-induced obesity in rats. <i>FASEB Journal</i> , 2019, 33, 12060-12072.	0.5	28
26	Interleukin-33/ST2 system attenuates aldosterone-induced adipogenesis and inflammation. <i>Molecular and Cellular Endocrinology</i> , 2015, 411, 20-27.	3.2	26
27	Soluble ST2 promotes oxidative stress and inflammation in cardiac fibroblasts: an <i>in vitro</i> and <i>in vivo</i> study in aortic stenosis. <i>Clinical Science</i> , 2019, 133, 1537-1548.	4.3	25
28	The Crosstalk between Cardiac Lipotoxicity and Mitochondrial Oxidative Stress in the Cardiac Alterations in Diet-Induced Obesity in Rats. <i>Cells</i> , 2020, 9, 451.	4.1	24
29	The Interaction between Mitochondrial Oxidative Stress and Gut Microbiota in the Cardiometabolic Consequences in Diet-Induced Obese Rats. <i>Antioxidants</i> , 2020, 9, 640.	5.1	23
30	The impact of bariatric surgery on renal and cardiac functions in morbidly obese patients. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, iv53-iv57.	0.7	22
31	Aldosterone Impairs Mitochondrial Function in Human Cardiac Fibroblasts via A-Kinase Anchor Protein 12. <i>Scientific Reports</i> , 2018, 8, 6801.	3.3	22
32	DIOL Triterpenes Block Profibrotic Effects of Angiotensin II and Protect from Cardiac Hypertrophy. <i>PLoS ONE</i> , 2012, 7, e41545.	2.5	22
33	Leptin, a mediator of cardiac damage associated with obesity. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 18, 3-14.	0.7	21
34	The Interplay of Mitochondrial Oxidative Stress and Endoplasmic Reticulum Stress in Cardiovascular Fibrosis in Obese Rats. <i>Antioxidants</i> , 2021, 10, 1274.	5.1	21
35	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.	4.3	19
36	Beneficial Effects of Galectin-3 Blockade in Vascular and Aortic Valve Alterations in an Experimental Pressure Overload Model. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1664.	4.1	19

#	ARTICLE	IF	CITATIONS
37	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.	3.3	19
38	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.	1.7	17
39	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.	1.6	16
40	Soluble St2 Induces Cardiac Fibroblast Activation and Collagen Synthesis via Neuropilin-1. <i>Cells</i> , 2020, 9, 1667.	4.1	16
41	Oxidative Stress and Vascular Damage in the Context of Obesity: The Hidden Guest. <i>Antioxidants</i> , 2021, 10, 406.	5.1	13
42	Fibrosis, the Bad Actor in Cardiorenal Syndromes: Mechanisms Involved. <i>Cells</i> , 2021, 10, 1824.	4.1	13
43	The Effects of Adiponectin and Leptin on Human Endothelial Cell Proliferation: A Live-Cell Study. <i>Journal of Vascular Research</i> , 2012, 49, 111-122.	1.4	12
44	Antifibrotic effect of novel neutrophil gelatinase-associated lipocalin inhibitors in cardiac and renal disease models. <i>Scientific Reports</i> , 2021, 11, 2591.	3.3	11
45	Differential proteomics reveals S100-A11 as a key factor in aldosterone-induced collagen expression in human cardiac fibroblasts. <i>Journal of Proteomics</i> , 2017, 166, 93-100.	2.4	9
46	Relevance of vascular peroxisome proliferator-activated receptor $\beta$ coactivator 1 to molecular alterations in atherosclerosis. <i>Experimental Physiology</i> , 2013, 98, 999-1008.	2.0	8
47	Oxidative Stress in Obesity. <i>Antioxidants</i> , 2022, 11, 639.	5.1	8
48	Microsomal prostaglandin E synthase-1 is involved in the metabolic and cardiovascular alterations associated with obesity. <i>British Journal of Pharmacology</i> , 2022, 179, 2733-2753.	5.4	6
49	Mitochondrial Oxidative Stress Promotes Cardiac Remodeling in Myocardial Infarction through the Activation of Endoplasmic Reticulum Stress. <i>Antioxidants</i> , 2022, 11, 1232.	5.1	5
50	The impact of obesity in the cardiac lipidome and its consequences in the cardiac damage observed in obese rats. <i>Clínica e Investigación en Arteriosclerosis</i> , 2018, 30, 10-20.	0.8	3
51	Role of endoplasmic reticulum stress in renal damage after myocardial infarction. <i>Clinical Science</i> , 2021, 135, 143-159.	4.3	3
52	Aldosterone and the cardiovascular system: a dangerous association. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010, 4, 539-48.	0.7	2
53	The inhibition of lysyl oxidase improves metabolic alterations and adipose tissue disturbances in obese animals. <i>Atherosclerosis</i> , 2014, 235, e25.	0.8	2
54	Editorial: New Advances in Cardiorenal Syndrome. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	1

#	ARTICLE	IF	CITATIONS
55	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. <i>Clínica E Investigación En Arteriosclerosis</i> , 2011, 23, 55-61.	0.8	0
56	P484The inhibition of lysyl oxidase improves the cardiovascular remodeling associated with obesity in rats. <i>Cardiovascular Research</i> , 2014, 103, S88.4-S88.	3.8	0
57	O226 : Neutrophil gelatinase associated lipocalin mediates the profibrotic effects of aldosterone in human cardiac fibroblasts. <i>Archives of Cardiovascular Diseases Supplements</i> , 2016, 8, 248.	0.0	0
58	The impact of obesity in the cardiac lipidome and its consequences in the cardiac damage observed in obese rats. <i>Clínica E Investigación En Arteriosclerosis (English Edition)</i> , 2018, 30, 10-20.	0.2	0
59	Mineralocorticoid Receptor and Leptin: A Dangerous Liaison in the Obese Heart. , 0, , .		0
60	Abstract O10: Neutrophil Gelatinase Associated Lipocalin From Immune Cells is Involved in Renal Damages Induced by Mineralocorticoid Excess. <i>Hypertension</i> , 2019, 74, .	2.7	0