

# Natalia De Las Heras

## List of Publications by Year in descending order

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60  
papers

1,844  
citations

257101

24  
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264894

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g-index

66  
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66  
docs citations

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times ranked

3024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential Effects of Melatonin and Micronutrients on Mitochondrial Dysfunction during a Cytokine Storm Typical of Oxidative/Inflammatory Diseases. <i>Diseases</i> (Basel, Switzerland), 2021, 9, 30.	1.0	19
2	Severe Hepatic Insulin Resistance Induces Vascular Dysfunction: Improvement by Liver-Specific Insulin Receptor Isoform A Gene Therapy in a Murine Diabetic Model. <i>Cells</i> , 2021, 10, 2035.	1.8	2
3	Proanthocyanidins Maintain Cardiac Ionic Homeostasis in Aldosterone-Induced Hypertension and Heart Failure. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9602.	1.8	3
4	Implications of Oxidative Stress and Potential Role of Mitochondrial Dysfunction in COVID-19: Therapeutic Effects of Vitamin D. <i>Antioxidants</i> , 2020, 9, 897.	2.2	89
5	Low Phytanic Acid-Concentrated DHA Prevents Cognitive Deficit and Regulates Alzheimer Disease Mediators in an ApoE <sup>0/0</sup> Mice Experimental Model. <i>Nutrients</i> , 2019, 11, 11.	1.7	32
6	Supplementation with an insoluble fiber obtained from carob pod ( <i>Ceratonia siliqua</i> L.) rich in polyphenols prevents dyslipidemia in rabbits through SIRT1/PGC-1 $\alpha$ pathway. <i>European Journal of Nutrition</i> , 2019, 58, 357-366.	1.8	21
7	Effect of Pectin on the Expression of Proteins Associated with Mitochondrial Biogenesis and Cell Senescence in HT29-Human Colorectal Adenocarcinoma Cells. <i>Preventive Nutrition and Food Science</i> , 2019, 24, 187-196.	0.7	12
8	<i>In vivo</i> bioavailability of polyphenols from grape by-product extracts, and effect on lipemia of normocholesterolemic Wistar rats. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 5581-5590.	1.7	13
9	Effects of Low Phytanic Acid-Concentrated DHA on Activated Microglial Cells: Comparison with a Standard Phytanic Acid-Concentrated DHA. <i>NeuroMolecular Medicine</i> , 2018, 20, 328-342.	1.8	4
10	Chronic Exercise Improves Mitochondrial Function and Insulin Sensitivity in Brown Adipose Tissue. <i>Frontiers in Physiology</i> , 2018, 9, 1122.	1.3	32
11	Regulation of Biogenesis and Fusion/Fission Processes of Vascular Mitochondria In Aldosterone-Induced Hypertension. <i>Open Hypertension Journal</i> , 2018, 10, 76-85.	0.8	0
12	Role of Mitochondrial Dysfunction in Hypertension and Obesity. <i>Current Hypertension Reports</i> , 2017, 19, 11.	1.5	143
13	Molecular factors involved in the hypolipidemic- and insulin-sensitizing effects of a ginger ( <i>Zingiber</i> ) Tj ETQq1 1 0.784314 rgBT /Overl 2017, 42, 209-215.	0.9	38
14	BRCA2 gene mutations and coagulation-associated biomarkers. <i>Thrombosis and Haemostasis</i> , 2016, 115, 415-423.	1.8	8
15	Aldosterone Induces Renal Fibrosis and Inflammatory M1-Macrophage Subtype via Mineralocorticoid Receptor in Rats. <i>PLoS ONE</i> , 2016, 11, e0145946.	1.1	72
16	Proanthocyanidins block aldosterone-dependent up-regulation of cardiac gamma ENaC and Nedd4-2 inactivation via SGK1. <i>Journal of Nutritional Biochemistry</i> , 2016, 37, 13-19.	1.9	11
17	Phenotypic Characterization of Macrophages from Rat Kidney by Flow Cytometry. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	20
18	Beneficial Effects of Proanthocyanidins in the Cardiac Alterations Induced by Aldosterone in Rat Heart through Mineralocorticoid Receptor Blockade. <i>PLoS ONE</i> , 2014, 9, e111104.	1.1	12

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19	Relevance of SGK1 in structural, functional and molecular alterations produced by aldosterone in heart. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2014, 18, 53-61.	0.3	7
20	Protective effect of a pomace olive oil concentrated in triterpenic acids in alterations related to hypertension in rats: Mechanisms involved. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 376-383.	1.5	25
21	Carob Pod Insoluble Fiber Exerts Anti-Atherosclerotic Effects in Rabbits through Sirtuin-1 and Peroxisome Proliferator-Activated Receptor- $\beta$ Coactivator-1 $\alpha$ . <i>Journal of Nutrition</i> , 2014, 144, 1378-1384.	1.3	24
22	Antagonistic effect of TNF-alpha and insulin on uncoupling protein 2 (UCP-2) expression and vascular damage. <i>Cardiovascular Diabetology</i> , 2014, 13, 108.	2.7	13
23	Changes in cardiac energy metabolic pathways in overweighed rats fed a high-fat diet. <i>European Journal of Nutrition</i> , 2013, 52, 847-856.	1.8	10
24	The risk association between experimental portal hypertension and an aortic atherosclerosis-like disease. <i>Hepatology</i> , 2013, 57, 421-422.	3.6	3
25	Aged Garlic Extract Improves Adiponectin Levels in Subjects with Metabolic Syndrome: A Double-Blind, Placebo-Controlled, Randomized, Crossover Study. <i>Mediators of Inflammation</i> , 2013, 2013, 1-6.	1.4	53
26	Pathophysiology of Vascular Remodeling in Hypertension. <i>International Journal of Hypertension</i> , 2013, 2013, 1-7.	0.5	148
27	Vardenafil Improves Penile Erection in Type 2 Diabetes Mellitus Patients with Erectile Dysfunction: Role of Tropomyosin. <i>Journal of Sexual Medicine</i> , 2013, 10, 3110-3120.	0.3	4
28	Splanchnic-aortic inflammatory axis in experimental portal hypertension. <i>World Journal of Gastroenterology</i> , 2013, 19, 7992.	1.4	6
29	Papel de la quinasa regulada por suero y glucocorticoides 1 en las alteraciones cardiacas producidas por la aldosterona en ratas. <i>Clínica E Investigaci3n En Arteriosclerosis</i> , 2012, 24, 267-274.	0.4	0
30	Hipertensi3n portal: desarrollo de una respuesta inflamatoria sist3mica asociada a s3ndrome metab3lico. <i>Clínica E Investigaci3n En Arteriosclerosis</i> , 2012, 24, 157-166.	0.4	0
31	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, 710-718.	0.9	14
32	Brown Fat Lipoatrophy and Increased Visceral Adiposity through a Concerted Adipocytokines Overexpression Induces Vascular Insulin Resistance and Dysfunction. <i>Endocrinology</i> , 2012, 153, 1242-1255.	1.4	28
33	Avances en la etiopatogenia de la hipertensi3n arterial: actualizaci3n en la investigaci3n preclínica. <i>Hipertension Y Riesgo Vascular</i> , 2012, 29, 86-95.	0.3	0
34	A wound-like inflammatory aortic response in chronic portal hypertensive rats. <i>Molecular Immunology</i> , 2012, 51, 177-187.	1.0	8
35	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 Investigaci3n En Arteriosclerosis</i> , 2011, 23, 55-61.	0.4	0
36	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, 114-121.	0.8	19

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37	Rosuvastatin restored adrenergic and nitrergic function in mesenteric arteries from obese rats. <i>British Journal of Pharmacology</i> , 2011, 162, 271-285.	2.7	27
38	Interplay of Hypertension, Inflammation, and Angiotensin II. <i>American Journal of Hypertension</i> , 2011, 24, 1059-1059.	1.0	8
39	Risk of progression in smouldering myeloma and monoclonal gammopathies of unknown significance: comparative analysis of the evolution of monoclonal component and multiparameter flow cytometry of bone marrow plasma cells. <i>British Journal of Haematology</i> , 2010, 148, 110-114.	1.2	102
40	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, 347-358.	1.1	23
41	Aldosterone and the cardiovascular system: a dangerous association. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2010, 4, 539-48.	0.3	2
42	Cardiac L-type calcium current is increased in a model of hyperaldosteronism in the rat. <i>Experimental Physiology</i> , 2009, 94, 675-683.	0.9	20
43	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-S41.	0.3	22
44	Aldosterone and the vascular system. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 109, 331-335.	1.2	66
45	Participación de los mineralocorticoides en la respuesta inflamatoria vascular asociada a la hipertensión. <i>Clínica e Investigación en Arteriosclerosis</i> , 2008, 20, 233-238.	0.4	0
46	Endothelial Dysfunction, Oxidative Stress and Inflammation in Atherosclerosis: Beneficial Effects of Statins. <i>Current Medicinal Chemistry</i> , 2007, 14, 243-248.	1.2	145
47	Interactions between aldosterone and connective tissue growth factor in vascular and renal damage in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , 2007, 25, 629-638.	0.3	33
48	Papel del factor de crecimiento de tejido conectivo en el daño vascular asociado a hipertensión en ratas. Interacción con la aldosterona. <i>Clínica e Investigación en Arteriosclerosis</i> , 2007, 19, 232-239.	0.4	0
49	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.	1.0	27
50	Participation of aldosterone in the vascular inflammatory response of spontaneously hypertensive rats: role of the NF- $\kappa$ B/I $\kappa$ B system. <i>Journal of Hypertension</i> , 2005, 23, 1167-1172.	0.3	50
51	Effect of AT1 receptor antagonism on vascular and circulating inflammatory mediators in SHR: role of NF- $\kappa$ B/I $\kappa$ B system. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H111-H115.	1.5	114
52	Eplerenone Reduces Oxidative Stress and Enhances eNOS in SHR: Vascular Functional and Structural Consequences. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 1294-1301.	2.5	66
53	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.	1.8	9
54	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.	1.8	11

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55	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, 655-662.	1.8	26
56	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-R681.	0.9	39
57	Valsartan improves fibrinolytic balance in atherosclerotic rabbits. <i>Journal of Hypertension</i> , 2002, 20, 303-310.	0.3	28
58	Role of endothelin-1 and thromboxane A2 in renal vasoconstriction induced by angiotensin II in diabetes and hypertension. <i>Kidney International</i> , 2002, 62, S2-S7.	2.6	19
59	Relevance of endothelium-derived hyperpolarizing factor in the effects of hypertension on rat coronary relaxations. <i>Journal of Hypertension</i> , 2001, 19, 539-545.	0.3	30
60	AT1 Receptor Antagonism Reduces Endothelial Dysfunction and Intimal Thickening in Atherosclerotic Rabbits. <i>Hypertension</i> , 1999, 34, 969-975.	1.3	79