Natalia De Las Heras

List of Publications by Year
in descending order

60 papers	1,844 citations	257101 24 h-index	264894 42 g-index
66 all docs	66 docs citations	66 times ranked	3024 citing authors

#	Article	IF	Citations
1	Pathophysiology of Vascular Remodeling in Hypertension. International Journal of Hypertension, 2013, 2013, 1-7.	0.5	148
2	Endothelial Dysfunction, Oxidative Stress and Inflammation in Atherosclerosis: Beneficial Effects of Statins. Current Medicinal Chemistry, 2007, 14, 243-248.	1.2	145
3	Role of Mitochondrial Dysfunction in Hypertension and Obesity. Current Hypertension Reports, 2017, 19, 11.	1.5	143
4	Effect of AT1 receptor antagonism on vascular and circulating inflammatory mediators in SHR: role of NF-ÎºB/IÎºB system. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H111-H115.	1.5	114
5	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. British Journal of Haematology, 2010, 148, 110-114.	1.2	102
6	Implications of Oxidative Stress and Potential Role of Mitochondrial Dysfunction in COVID-19: Therapeutic Effects of Vitamin D. Antioxidants, 2020, 9, 897.	2.2	89
7	AT1Receptor Antagonism Reduces Endothelial Dysfunction and Intimal Thickening in Atherosclerotic Rabbits. Hypertension, 1999, 34, 969-975.	1.3	79
8	Aldosterone Induces Renal Fibrosis and Inflammatory M1-Macrophage Subtype via Mineralocorticoid Receptor in Rats. PLoS ONE, 2016, 11, e0145946.	1.1	72
9	Eplerenone Reduces Oxidative Stress and Enhances eNOS in SHR: Vascular Functional and Structural Consequences. Antioxidants and Redox Signaling, 2005, 7, 1294-1301.	2.5	66
10	Aldosterone and the vascular system. Journal of Steroid Biochemistry and Molecular Biology, 2008, 109, 331-335.	1.2	66
11	Aged Garlic Extract Improves Adiponectin Levels in Subjects with Metabolic Syndrome: A Double-Blind, Placebo-Controlled, Randomized, Crossover Study. Mediators of Inflammation, 2013, 2013, 1-6.	1.4	53
12	Participation of aldosterone in the vascular inflammatory response of spontaneously hypertensive rats: role of the NFÎºB/IÎºB system. Journal of Hypertension, 2005, 23, 1167-1172.	0.3	50
13	Effect of AT1 receptor blockade on hepatic redox status in SHR: possible relevance for endothelial function?. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2003, 285, R674-R681.	0.9	39
14	Molecular factors involved in the hypolipidemic- and insulin-sensitizing effects of a ginger (Zingiber) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2017, 42, 209-215.	0.9	38
15	Interactions between aldosterone and connective tissue growth factor in vascular and renal damage in spontaneously hypertensive rats. Journal of Hypertension, 2007, 25, 629-638.	0.3	33
16	Chronic Exercise Improves Mitochondrial Function and Insulin Sensitivity in Brown Adipose Tissue. Frontiers in Physiology, 2018, 9, 1122.	1.3	32
17	Low Phytanic Acid-Concentrated DHA Prevents Cognitive Deficit and Regulates Alzheimer Disease Mediators in an ApoEâˆ’/âˆ’ Mice Experimental Model. Nutrients, 2019, 11, 11.	1.7	32
18	Relevance of endothelium-derived hyperpolarizing factor in the effects of hypertension on rat coronary relaxations. Journal of Hypertension, 2001, 19, 539-545.	0.3	30

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19	Valsartan improves fibrinolytic balance in atherosclerotic rabbits. Journal of Hypertension, 2002, 20, 303-310.	0.3	28
20	Brown Fat Lipoatrophy and Increased Visceral Adiposity through a Concerted Adipocytokines Overexpression Induces Vascular Insulin Resistance and Dysfunction. Endocrinology, 2012, 153, 1242-1255.	1.4	28
21	Role of connective tissue growth factor in vascular and renal damage associated with hypertension in rats. Interactions with angiotensin II. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2006, 7, 192-200.	1.0	27
22	Rosuvastatin restored adrenergic and nitrergic function in mesenteric arteries from obese rats. British Journal of Pharmacology, 2011, 162, 271-285.	2.7	27
23	Synergistic effect of angiotensin-converting enzyme (ACE) and 3-hydroxy-3-methylglutaryl-CoA (HMG-CoA) reductase inhibition on inflammatory markers in atherosclerotic rabbits. Clinical Science, 2003, 105, 655-662.	1.8	26
24	Protective effect of a pomace olive oil concentrated in triterpenic acids in alterations related to hypertension in rats: Mechanisms involved. Molecular Nutrition and Food Research, 2014, 58, 376-383.	1.5	25
25	Carob Pod Insoluble Fiber Exerts Anti-Atherosclerotic Effects in Rabbits through Sirtuin-1 and Peroxisome Proliferator-Activated Receptor-Î³ Coactivator-1Î±. Journal of Nutrition, 2014, 144, 1378-1384.	1.3	24
26	A Proteomic Approach to Determine Changes in Proteins Involved in the Myocardial Metabolism in Left Ventricles of Spontaneously Hypertensive Rats. Cellular Physiology and Biochemistry, 2010, 25, 347-358.	1.1	23
27	The protective effect of irbesartan in rats fed a high fat diet is associated with modification of leptinâ€“adiponectin imbalance. Journal of Hypertension, 2009, 27, S37-S41.	0.3	22
28	Supplementation with an insoluble fiber obtained from carob pod (Ceratonia siliqua L.) rich in polyphenols prevents dyslipidemia in rabbits through SIRT1/PGC-1Î± pathway. European Journal of Nutrition, 2019, 58, 357-366.	1.8	21
29	Cardiac Lâ€type calcium current is increased in a model of hyperaldosteronism in the rat. Experimental Physiology, 2009, 94, 675-683.	0.9	20
30	Phenotypic Characterization of Macrophages from Rat Kidney by Flow Cytometry. Journal of Visualized Experiments, 2016, , .	0.2	20
31	Role of endothelin-1 and thromboxane A2 in renal vasoconstriction induced by angiotensin II in diabetes and hypertension. Kidney International, 2002, 62, S2-S7.	2.6	19
32	Structural, Functional, and Molecular Alterations Produced by Aldosterone Plus Salt in Rat Heart: Association With Enhanced Serum and Glucocorticoidâ€“regulated Kinase-1 Expression. Journal of Cardiovascular Pharmacology, 2011, 57, 114-121.	0.8	19
33	Potential Effects of Melatonin and Micronutrients on Mitochondrial Dysfunction during a Cytokine Storm Typical of Oxidative/Inflammatory Diseases. Diseases (Basel, Switzerland), 2021, 9, 30.	1.0	19
34	Spironolactone prevents alterations associated with cardiac hypertrophy produced by isoproterenol in rats: involvement of serumâ€•and glucocorticoidâ€•regulated kinase type 1. Experimental Physiology, 2012, 97, 710-718.	0.9	14
35	Antagonistic effect of TNF-alpha and insulin on uncoupling protein 2 (UCP-2) expression and vascular damage. Cardiovascular Diabetology, 2014, 13, 108.	2.7	13
36	In vivo bioavailability of polyphenols from grape byâ€product extracts, and effect on lipemia of normocholesterolemic Wistar rats. Journal of the Science of Food and Agriculture, 2018, 98, 5581-5590.	1.7	13

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37	Beneficial Effects of Proanthocyanidins in the Cardiac Alterations Induced by Aldosterone in Rat Heart through Mineralocorticoid Receptor Blockade. PLoS ONE, 2014, 9, e111104.	1.1	12
38	Effect of Pectin on the Expression of Proteins Associated with Mitochondrial Biogenesis and Cell Senescence in HT29-Human Colorectal Adenocarcinoma Cells. Preventive Nutrition and Food Science, 2019, 24, 187-196.	0.7	12
39	Comparison between the effects of mixed dyslipidaemia and hypercholesterolaemia on endothelial function, atherosclerotic lesions and fibrinolysis in rabbits. Clinical Science, 2003, 104, 357.	1.8	11
40	Proanthocyanidins block aldosterone-dependent up-regulation of cardiac gamma ENaC and Nedd4-2 inactivation via SGK1. Journal of Nutritional Biochemistry, 2016, 37, 13-19.	1.9	11
41	Changes in cardiac energy metabolic pathways in overweighed rats fed a high-fat diet. European Journal of Nutrition, 2013, 52, 847-856.	1.8	10
42	Comparison between the effects of mixed dyslipidaemia and hypercholesterolaemia on endothelial function, atherosclerotic lesions and fibrinolysis in rabbits. Clinical Science, 2003, 104, 357-365.	1.8	9
43	Interplay of Hypertension, Inflammation, and Angiotensin II. American Journal of Hypertension, 2011, 24, 1059-1059.	1.0	8
44	A wound-like inflammatory aortic response in chronic portal hypertensive rats. Molecular Immunology, 2012, 51, 177-187.	1.0	8
45	BRCA2 gene mutations and coagulation-associated biomarkers. Thrombosis and Haemostasis, 2016, 115, 415-423.	1.8	8
46	Relevance of SGK1 in structural, functional and molecular alterations produced by aldosterone in heart. Hormone Molecular Biology and Clinical Investigation, 2014, 18, 53-61.	0.3	7
47	Splanchnic-aortic inflammatory axis in experimental portal hypertension. World Journal of Gastroenterology, 2013, 19, 7992.	1.4	6
48	Vardenafil Improves Penile Erection in Type 2 Diabetes Mellitus Patients with Erectile Dysfunction: Role of Tropomyosin. Journal of Sexual Medicine, 2013, 10, 3110-3120.	0.3	4
49	Effects of Low Phytanic Acid-Concentrated DHA on Activated Microglial Cells: Comparison with a Standard Phytanic Acid-Concentrated DHA. NeuroMolecular Medicine, 2018, 20, 328-342.	1.8	4
50	The risk association between experimental portal hypertension and an aortic atherosclerosis-like disease. Hepatology, 2013, 57, 421-422.	3.6	3
51	Proanthocyanidins Maintain Cardiac Ionic Homeostasis in Aldosterone-Induced Hypertension and Heart Failure. International Journal of Molecular Sciences, 2021, 22, 9602.	1.8	3
52	Aldosterone and the cardiovascular system: a dangerous association. Hormone Molecular Biology and Clinical Investigation, 2010, 4, 539-48.	0.3	2
53	Severe Hepatic Insulin Resistance Induces Vascular Dysfunction: Improvement by Liver-Specific Insulin Receptor Isoform A Gene Therapy in a Murine Diabetic Model. Cells, 2021, 10, 2035.	1.8	2
54	Papel del factor de crecimiento de tejido conectivo en el daÃ±o vascular asociado a hipertensiÃ³n en ratas. InteracciÃ³n con la aldosterona. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2007, 19, 232-239.	0.4	0

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55	ParticipaciÃ³n de los mineralocorticoides en la respuesta inflamatoria vascular asociada a la hipertensiÃ³n. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2008, 20, 233-238.	0.4	0
56	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. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2011, 23, 55-61.	0.4	0
57	Papel de la quinasa regulada por suero y glucocorticoides 1 en las alteraciones cardiacas producidas por la aldosterona en ratas. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2012, 24, 267-274.	0.4	0
58	HipertensiÃ³n portal: desarrollo de una respuesta inflamatoria sistÃ©mica asociada a sÃndrome metabÃ³lico. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2012, 24, 157-166.	0.4	0
59	Avances en la etiopatogenia de la hipertensiÃ³n arterial: actualizaciÃ³n en la investigaciÃ³n preclÃnica. Hipertension Y Riesgo Vascular, 2012, 29, 86-95.	0.3	0
60	Regulation of Biogenesis and Fusion/Fission Processes of Vascular Mitochondria In Aldosterone-Induced Hypertension. Open Hypertension Journal, 2018, 10, 76-85.	0.8	0