MarÃ-a GalÃ¡n

List of Publications by Year
in descending order

48 papers	1,661 citations	279798 23 h-index	289244 40 g-index
53 all docs	53 docs citations	53 times ranked	2662 citing authors

#	Article	IF	Citations
1	Arachnoid membrane as a source of sphingosine-1-phosphate that regulates mouse middle cerebral artery tone. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 162-174.	4.3	2
2	Rolipram Prevents the Formation of Abdominal Aortic Aneurysm (AAA) in Mice: PDE4B as a Target in AAA. Antioxidants, 2021, 10, 460.	5.1	11
3	TOWARDS NOVEL CIRCULATING MARKERS FOR ABDOMINAL AORTIC ANEURYSM PROGNOSIS. Journal of Hypertension, 2021, 39, e315.	0.5	0
4	Oxidative Stress and Inflammatory Markers in Abdominal Aortic Aneurysm. Antioxidants, 2021, 10, 602.	5.1	37
5	Differential association between S100A4 levels and insulin resistance in prepubertal children and adult subjects with clinically severe obesity. Obesity Science and Practice, 2020, 6, 99-106.	1.9	2
6	Role of the Scavenger Receptor CD36 in Accelerated Diabetic Atherosclerosis. International Journal of Molecular Sciences, 2020, 21, 7360.	4.1	15
7	NR4A1 Deletion in Marginal Zone B Cells Exacerbates Atherosclerosis in Miceâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2598-2604.	2.4	27
8	Small Resistance Artery Disease and ACE2 in Hypertension: A New Paradigm in the Context of COVID-19. Frontiers in Cardiovascular Medicine, 2020, 7, 588692.	2.4	8
9	Neuron-derived orphan receptor-1 modulates cardiac gene expression and exacerbates angiotensin II-induced cardiac hypertrophy. Clinical Science, 2020, 134, 359-377.	4.3	13
10	Emerging Roles of Lysyl Oxidases in the Cardiovascular System: New Concepts and Therapeutic Challenges. Biomolecules, 2019, 9, 610.	4.0	39
11	Pathophysiology of abdominal aortic aneurysm: biomarkers and novel therapeutic targets. ClÃnica E InvestigaciÃ³n En Arteriosclerosis (English Edition), 2019, 31, 166-177.	0.2	3
12	Enhanced endoplasmic reticulum and mitochondrial stress in abdominal aortic aneurysm. Clinical Science, 2019, 133, 1421-1438.	4.3	39
13	MCAM/CD146 Which is Differentially Expressed in Vascular Diseases, is a Potential Biomarker in Abdominal Aortic Aneurysm. European Journal of Vascular and Endovascular Surgery, 2019, 58, e454.	1.5	1
14	FisiopatologÃa del aneurisma de aorta abdominal: biomarcadores y nuevas dianas terapÃ©uticas. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2019, 31, 166-177.	0.8	20
15	A FBN1 3â€²UTR mutation variant is associated with endoplasmic reticulum stress in aortic aneurysm in Marfan syndrome. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 107-114.	3.8	18
16	Lysyl oxidase (LOX) limits VSMC proliferation and neointimal thickening through its extracellular enzymatic activity. Scientific Reports, 2018, 8, 13258.	3.3	13
17	Lysyl oxidase overexpression accelerates cardiac remodeling and aggravates angiotensin IIâ€"induced hypertrophy. FASEB Journal, 2017, 31, 3787-3799.	0.5	41
18	Lysyl oxidase over-expression aggravates angiotensin II-induced hypertrophy. Atherosclerosis, 2017, 263, e69.	0.8	0

#	Article	IF	Citations
19	Implication of endoplasmic reticulum stress and mitochondrial dysfunction in abdominal aortic aneurysm disease. Atherosclerosis, 2017, 263, e70.	0.8	0
20	Induction of histone deacetylases (HDACs) in human abdominal aortic aneurysm: therapeutic potential of HDAC inhibitors. DMM Disease Models and Mechanisms, 2016, 9, 541-52.	2.4	42
21	Down-regulation of Fibulin-5 is associated with aortic dilation: role of inflammation and epigenetics. Cardiovascular Research, 2016, 110, 431-442.	3.8	36
22	NOR-1/NR4A3 regulates the cellular inhibitor of apoptosis 2 (cIAP2) in vascular cells: role in the survival response to hypoxic stress. Scientific Reports, 2016, 6, 34056.	3.3	24
23	The lysyl oxidase inhibitor (Î²-aminopropionitrile) reduces leptin profibrotic effects and ameliorates cardiovascular remodeling in diet-induced obesity in rats. Journal of Molecular and Cellular Cardiology, 2016, 92, 96-104.	1.9	52
24	T-regulatory cells and vascular function. Journal of Hypertension, 2016, 34, 36-38.	0.5	2
25	Nuclear factor kappa B inhibition improves conductance artery function in type 2 diabetic mice. Diabetes/Metabolism Research and Reviews, 2015, 31, 39-49.	4.0	6
26	The lysyl oxidase inhibitor Î²-aminopropionitrile reduces body weight gain and improves the metabolic profile in diet-induced obesity in rats. DMM Disease Models and Mechanisms, 2015, 8, 543-551.	2.4	40
27	Lysyl oxidase (LOX) in vascular remodelling. Thrombosis and Haemostasis, 2014, 112, 812-824.	3.4	26
28	Enhanced p22^{phox}expression impairs vascular function through p38 and ERK1/2 MAP kinase-dependent mechanisms in type 2 diabetic mice. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H972-H980.	3.2	24
29	Mechanism of endoplasmic reticulum stress-induced vascular endothelial dysfunction. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1063-1075.	4.1	119
30	Radiographic Subsidence in Asymptomatic Patients After THR Using the Furlong Active HAP Stem. HSS Journal, 2013, 9, 161-165.	1.7	14
31	Mercury induces proliferation and reduces cell size in vascular smooth muscle cells through MAPK, oxidative stress and cyclooxygenase-2 pathways. Toxicology and Applied Pharmacology, 2013, 268, 188-200.	2.8	49
32	Aerobic exercise reduces oxidative stress and improves vascular changes of small mesenteric and coronary arteries in hypertension. British Journal of Pharmacology, 2013, 168, 686-703.	5.4	119
33	Enhanced NF-ÎºB Activity Impairs Vascular Function Through PARP-1â€“, SP-1â€“, and COX-2â€“Dependent Mechanisms in Type 2 Diabetes. Diabetes, 2013, 62, 2078-2087.	0.6	74
34	Poly(ADP-Ribose) Polymerase 1 Inhibition Improves Coronary Arteriole Function in Type 2 Diabetes Mellitus. Hypertension, 2012, 59, 1060-1068.	2.7	44
35	A Novel Role for Epidermal Growth Factor Receptor Tyrosine Kinase and Its Downstream Endoplasmic Reticulum Stress in Cardiac Damage and Microvascular Dysfunction in Type 1 Diabetes Mellitus. Hypertension, 2012, 60, 71-80.	2.7	90
36	Endoplasmic Reticulum Stress Is Involved in Cardiac Damage and Vascular Endothelial Dysfunction in Hypertensive Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1652-1661.	2.4	182

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37	Chronic Inhibition of Epidermal Growth Factor Receptor Tyrosine Kinase and Extracellular Signal-Regulated Kinases 1 and 2 (ERK1/2) Augments Vascular Response to Limb Ischemia in Type 2 Diabetic Mice. American Journal of Pathology, 2012, 180, 410-418.	3.8	20
38	Chronic inhibition of endoplasmic reticulum stress and inflammation prevents ischaemiaâ€induced vascular pathology in type II diabetic mice. Journal of Pathology, 2012, 227, 165-174.	4.5	40
39	ER stress induction increases NADPH oxidase and reduces eNOS activity in endothelial cells. FASEB Journal, 2012, 26, 863.11.	0.5	0
40	Differential Effects of HNF-1Î± Mutations Associated with Familial Young-Onset Diabetes on Target Gene Regulation. Molecular Medicine, 2011, 17, 256-265.	4.4	34
41	Angiotensin II differentially modulates cyclooxygenase-2, microsomal prostaglandin E2 synthase-1 and prostaglandin I2 synthase expression in adventitial fibroblasts exposed to inflammatory stimuli. Journal of Hypertension, 2011, 29, 529-536.	0.5	10
42	Endothelial dysfunction of rat coronary arteries after exposure to low concentrations of mercury is dependent on reactive oxygen species. British Journal of Pharmacology, 2011, 162, 1819-1831.	5.4	64
43	Interleukin-10 Released by CD4 ⁺ CD25 ⁺ Natural Regulatory T Cells Improves Microvascular Endothelial Function Through Inhibition of NADPH Oxidase Activity in Hypertensive Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2534-2542.	2.4	151
44	Endoplasmic Reticulum Stress and Microvascular Endothelial Dysfunction in Diabetes. Journal of Diabetes & Metabolism, 2011, 02, .	0.2	4
45	PARPâ€1 inhibition improves coronary arteriole function in type 2 diabetic mice. FASEB Journal, 2011, 25, 1025.9.	0.5	0
46	Inhibition of Epidermal Growth Factor Receptor Tyrosine Kinase and ERK1/2 MAPâ€Kinase Enhances Ischemiaâ€Induced Neovascularization in Type 2 Diabetic Mice. FASEB Journal, 2011, 25, 1092.4.	0.5	0
47	Functional analysis of human glucokinase gene mutations causing MODY2: exploring the regulatory mechanisms of glucokinase activity. Diabetologia, 2007, 50, 325-333.	6.3	55
48	Effects of novel maturity-onset diabetes of the young (MODY)-associated mutations on glucokinase activity and protein stability. Biochemical Journal, 2006, 393, 389-396.	3.7	45