

MarÃ-a GalÃ;n

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,661
citations

279487

23
h-index

288905

40
g-index

53
all docs

53
docs citations

53
times ranked

2662
citing authors

#	ARTICLE	IF	CITATIONS
1	Endoplasmic Reticulum Stress Is Involved in Cardiac Damage and Vascular Endothelial Dysfunction in Hypertensive Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1652-1661.	1.1	182
2	Interleukin-10 Released by CD4 ⁺ CD25 ⁺ Natural Regulatory T Cells Improves Microvascular Endothelial Function Through Inhibition of NADPH Oxidase Activity in Hypertensive Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2534-2542.	1.1	151
3	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.	2.7	119
4	Mechanism of endoplasmic reticulum stress-induced vascular endothelial dysfunction. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1063-1075.	1.9	119
5	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. <i>Hypertension</i> , 2012, 60, 71-80.	1.3	90
6	Enhanced NF- κ B Activity Impairs Vascular Function Through PARP-1 ⁺ , SP-1 ⁺ , and COX-2 ⁺ Dependent Mechanisms in Type 2 Diabetes. <i>Diabetes</i> , 2013, 62, 2078-2087.	0.3	74
7	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, 1819-1831.	2.7	64
8	Functional analysis of human glucokinase gene mutations causing MODY2: exploring the regulatory mechanisms of glucokinase activity. <i>Diabetologia</i> , 2007, 50, 325-333.	2.9	55
9	The lysyl oxidase inhibitor (β -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.	0.9	52
10	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.	1.3	49
11	Effects of novel maturity-onset diabetes of the young (MODY)-associated mutations on glucokinase activity and protein stability. <i>Biochemical Journal</i> , 2006, 393, 389-396.	1.7	45
12	Poly(ADP-Ribose) Polymerase 1 Inhibition Improves Coronary Arteriole Function in Type 2 Diabetes Mellitus. <i>Hypertension</i> , 2012, 59, 1060-1068.	1.3	44
13	Induction of histone deacetylases (HDACs) in human abdominal aortic aneurysm: therapeutic potential of HDAC inhibitors. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 541-52.	1.2	42
14	Lysyl oxidase overexpression accelerates cardiac remodeling and aggravates angiotensin II ⁺ induced hypertrophy. <i>FASEB Journal</i> , 2017, 31, 3787-3799.	0.2	41
15	Chronic inhibition of endoplasmic reticulum stress and inflammation prevents ischaemia ⁺ induced vascular pathology in type II diabetic mice. <i>Journal of Pathology</i> , 2012, 227, 165-174.	2.1	40
16	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, 543-551.	1.2	40
17	Emerging Roles of Lysyl Oxidases in the Cardiovascular System: New Concepts and Therapeutic Challenges. <i>Biomolecules</i> , 2019, 9, 610.	1.8	39
18	Enhanced endoplasmic reticulum and mitochondrial stress in abdominal aortic aneurysm. <i>Clinical Science</i> , 2019, 133, 1421-1438.	1.8	39

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19	Oxidative Stress and Inflammatory Markers in Abdominal Aortic Aneurysm. <i>Antioxidants</i> , 2021, 10, 602.	2.2	37
20	Down-regulation of Fibulin-5 is associated with aortic dilation: role of inflammation and epigenetics. <i>Cardiovascular Research</i> , 2016, 110, 431-442.	1.8	36
21	Differential Effects of HNF-1 α Mutations Associated with Familial Young-Onset Diabetes on Target Gene Regulation. <i>Molecular Medicine</i> , 2011, 17, 256-265.	1.9	34
22	NR4A1 Deletion in Marginal Zone B Cells Exacerbates Atherosclerosis in Mice—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2598-2604.	1.1	27
23	Lysyl oxidase (LOX) in vascular remodelling. <i>Thrombosis and Haemostasis</i> , 2014, 112, 812-824.	1.8	26
24	Enhanced p22 ^{phox} expression impairs vascular function through p38 and ERK1/2 MAP kinase-dependent mechanisms in type 2 diabetic mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H972-H980.	1.5	24
25	NOR-1/NR4A3 regulates the cellular inhibitor of apoptosis 2 (cIAP2) in vascular cells: role in the survival response to hypoxic stress. <i>Scientific Reports</i> , 2016, 6, 34056.	1.6	24
26	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. <i>American Journal of Pathology</i> , 2012, 180, 410-418.	1.9	20
27	Fisiopatología del aneurisma de aorta abdominal: biomarcadores y nuevas dianas terapéuticas. <i>Clínica e Investigación En Arteriosclerosis</i> , 2019, 31, 166-177.	0.4	20
28	A FBN1 3'UTR mutation variant is associated with endoplasmic reticulum stress in aortic aneurysm in Marfan syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 107-114.	1.8	18
29	Role of the Scavenger Receptor CD36 in Accelerated Diabetic Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7360.	1.8	15
30	Radiographic Subsidence in Asymptomatic Patients After THR Using the Furlong Active HAP Stem. <i>HSS Journal</i> , 2013, 9, 161-165.	0.7	14
31	Lysyl oxidase (LOX) limits VSMC proliferation and neointimal thickening through its extracellular enzymatic activity. <i>Scientific Reports</i> , 2018, 8, 13258.	1.6	13
32	Neuron-derived orphan receptor-1 modulates cardiac gene expression and exacerbates angiotensin II-induced cardiac hypertrophy. <i>Clinical Science</i> , 2020, 134, 359-377.	1.8	13
33	Rolipram Prevents the Formation of Abdominal Aortic Aneurysm (AAA) in Mice: PDE4B as a Target in AAA. <i>Antioxidants</i> , 2021, 10, 460.	2.2	11
34	Angiotensin II differentially modulates cyclooxygenase-2, microsomal prostaglandin E2 synthase-1 and prostaglandin I2 synthase expression in adventitial fibroblasts exposed to inflammatory stimuli. <i>Journal of Hypertension</i> , 2011, 29, 529-536.	0.3	10
35	Small Resistance Artery Disease and ACE2 in Hypertension: A New Paradigm in the Context of COVID-19. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 588692.	1.1	8
36	Nuclear factor kappa B inhibition improves conductance artery function in type 2 diabetic mice. <i>Diabetes/Metabolism Research and Reviews</i> , 2015, 31, 39-49.	1.7	6

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37	Endoplasmic Reticulum Stress and Microvascular Endothelial Dysfunction in Diabetes. <i>Journal of Diabetes & Metabolism</i> , 2011, 02, .	0.2	4
38	Pathophysiology of abdominal aortic aneurysm: biomarkers and novel therapeutic targets. <i>Clínica e Investigaci3n En Arteriosclerosis (English Edition)</i> , 2019, 31, 166-177.	0.1	3
39	T-regulatory cells and vascular function. <i>Journal of Hypertension</i> , 2016, 34, 36-38.	0.3	2
40	Differential association between S100A4 levels and insulin resistance in prepubertal children and adult subjects with clinically severe obesity. <i>Obesity Science and Practice</i> , 2020, 6, 99-106.	1.0	2
41	Arachnoid membrane as a source of sphingosine-1-phosphate that regulates mouse middle cerebral artery tone. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 162-174.	2.4	2
42	MCAM/CD146 Which is Differentially Expressed in Vascular Diseases, is a Potential Biomarker in Abdominal Aortic Aneurysm. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 58, e454.	0.8	1
43	Lysyl oxidase over-expression aggravates angiotensin II-induced hypertrophy. <i>Atherosclerosis</i> , 2017, 263, e69.	0.4	0
44	Implication of endoplasmic reticulum stress and mitochondrial dysfunction in abdominal aortic aneurysm disease. <i>Atherosclerosis</i> , 2017, 263, e70.	0.4	0
45	TOWARDS NOVEL CIRCULATING MARKERS FOR ABDOMINAL AORTIC ANEURYSM PROGNOSIS. <i>Journal of Hypertension</i> , 2021, 39, e315.	0.3	0
46	PARP4 inhibition improves coronary arteriole function in type 2 diabetic mice. <i>FASEB Journal</i> , 2011, 25, 1025.9.	0.2	0
47	Inhibition of Epidermal Growth Factor Receptor Tyrosine Kinase and ERK1/2 MAP4Kinase Enhances Ischemia-induced Neovascularization in Type 2 Diabetic Mice. <i>FASEB Journal</i> , 2011, 25, 1092.4.	0.2	0
48	ER stress induction increases NADPH oxidase and reduces eNOS activity in endothelial cells. <i>FASEB Journal</i> , 2012, 26, 863.11.	0.2	0