

Ana B GarcÃ-a-Redondo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,158
citations

471509

17
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1976
citing authors

#	ARTICLE	IF	CITATIONS
1	Reciprocal Relationship Between Reactive Oxygen Species and Cyclooxygenase-2 and Vascular Dysfunction in Hypertension. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 51-65.	5.4	127
2	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.	5.4	119
3	NADPH oxidases and vascular remodeling in cardiovascular diseases. <i>Pharmacological Research</i> , 2016, 114, 110-120.	7.1	110
4	Atorvastatin Prevents Angiotensin II-Induced Vascular Remodeling and Oxidative Stress. <i>Hypertension</i> , 2009, 54, 142-149.	2.7	104
5	Lysyl Oxidase Induces Vascular Oxidative Stress and Contributes to Arterial Stiffness and Abnormal Elastin Structure in Hypertension: Role of p38MAPK. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 379-397.	5.4	91
6	Losartan Reduces the Increased Participation of Cyclooxygenase-2-Derived Products in Vascular Responses of Hypertensive Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 321, 381-388.	2.5	66
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.	5.4	64
8	Wilms Tumor 1b Expression Defines a Pro-regenerative Macrophage Subtype and Is Required for Organ Regeneration in the Zebrafish. <i>Cell Reports</i> , 2019, 28, 1296-1306.e6.	6.4	61
9	Deficiency of MMP17/MT4-MMP Proteolytic Activity Predisposes to Aortic Aneurysm in Mice. <i>Circulation Research</i> , 2015, 117, e13-26.	4.5	53
10	Gremlin Activates the Smad Pathway Linked to Epithelial Mesenchymal Transdifferentiation in Cultured Tubular Epithelial Cells. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	44
11	Carnitine palmitoyltransferase-1 up-regulation by PPAR- α prevents lipid-induced endothelial dysfunction. <i>Clinical Science</i> , 2015, 129, 823-837.	4.3	42
12	Interleukin 17A Participates in Renal Inflammation Associated to Experimental and Human Hypertension. <i>Frontiers in Pharmacology</i> , 2019, 10, 1015.	3.5	36
13	c-Src, ERK1/2 and Rho kinase mediate hydrogen peroxide-induced vascular contraction in hypertension. <i>Journal of Hypertension</i> , 2015, 33, 77-87.	0.5	35
14	p38 MAPK contributes to angiotensin II-induced COX-2 expression in aortic fibroblasts from normotensive and hypertensive rats. <i>Journal of Hypertension</i> , 2009, 27, 142-154.	0.5	32
15	Vascular effects of egg white-derived peptides in resistance arteries from rats. Structure-activity relationships. <i>Journal of the Science of Food and Agriculture</i> , 2010, 90, n/a-n/a.	3.5	31
16	Interleukin-17A induces vascular remodeling of small arteries and blood pressure elevation. <i>Clinical Science</i> , 2020, 134, 513-527.	4.3	31
17	mPGES-1 (Microsomal Prostaglandin E Synthase-1) Mediates Vascular Dysfunction in Hypertension Through Oxidative Stress. <i>Hypertension</i> , 2018, 72, 492-502.	2.7	29
18	Interferon-stimulated gene 15 pathway is a novel mediator of endothelial dysfunction and aneurysms development in angiotensin II infused mice through increased oxidative stress. <i>Cardiovascular Research</i> , 2022, 118, 3250-3268.	3.8	18

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19	Losartan and tempol treatments normalize the increased response to hydrogen peroxide in resistance arteries from hypertensive rats. <i>Journal of Hypertension</i> , 2009, 27, 1814-1822.	0.5	12
20	Regulator of calcineurin 1 modulates vascular contractility and stiffness through the upregulation of COX-2-derived prostanoids. <i>Pharmacological Research</i> , 2018, 133, 236-249.	7.1	12
21	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.	0.5	10
22	The nuclear receptor NOR-1 modulates redox homeostasis in human vascular smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 122, 23-33.	1.9	10
23	Specialized Pro-Resolving Lipid Mediators: New Therapeutic Approaches for Vascular Remodeling. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3592.	4.1	7
24	La sobreexpresión vascular de la lisil oxidasa altera la estructura de la matriz extracelular e induce estrés oxidativo. <i>Clínica E Investigación En Arteriosclerosis</i> , 2017, 29, 157-165.	0.8	6
25	Supplementation with the Symbiotic Formulation Prodefen® Increases Neuronal Nitric Oxide Synthase and Decreases Oxidative Stress in Superior Mesenteric Artery from Spontaneously Hypertensive Rats. <i>Antioxidants</i> , 2022, 11, 680.	5.1	5
26	KV 1.3 channels are novel determinants of macrophage-dependent endothelial dysfunction in angiotensin II-induced hypertension in mice. <i>British Journal of Pharmacology</i> , 2021, 178, 1836-1854.	5.4	3