Gorka San Jos

List of Publications by Citations

43 papers	2,544 citations	28 h-index	47 g-index
47 ext. papers	2,879 ext. citations	6 avg, IF	4.4 L-index

#	Paper	IF	Citations
43	Oxidative stress in arterial hypertension: role of NAD(P)H oxidase. *Hypertension*, **2001**, 38, 1395-9	8.5	344
42	Vascular NADH/NADPH oxidase is involved in enhanced superoxide production in spontaneously hypertensive rats. *Hypertension*, **2000**, 35, 1055-61	8.5	318
41	Circulating Biomarkers of Myocardial Fibrosis: The Need for a Reappraisal. *Journal of the American College of Cardiology*, **2015**, 65, 2449-56	15.1	132
40	Oxidative stress and vascular remodelling. *Experimental Physiology*, **2005**, 90, 457-62	2.4	108
39	Phagocytic NADPH oxidase overactivity underlies oxidative stress in metabolic syndrome. *Diabetes*, **2006**, 55, 209-15	0.9	106
38	Vascular oxidant stress: molecular mechanisms and pathophysiological implications. *Journal of Physiology and Biochemistry*, **2000**, 56, 57-64	5	95
37	Myocardial Collagen Cross-Linking Is Associated With Heart Failure Hospitalization in Patients With Hypertensive Heart Failure. *Journal of the American College of Cardiology*, **2016**, 67, 251-60	15.1	90
36	Functional effect of the p22phox -930A/G polymorphism on p22phox expression and NADPH oxidase activity in hypertension. *Hypertension*, **2004**, 44, 163-9	8.5	80
35	Association of increased phagocytic NADPH oxidase-dependent superoxide production with diminished nitric oxide generation in essential hypertension. *Journal of Hypertension*, **2004**, 22, 2169-75	1.9	80
34	NADPH oxidase-mediated oxidative stress: genetic studies of the p22(phox) gene in hypertension. *Antioxidants and Redox Signaling*, **2005**, 7, 1327-36	8.4	80
33	NADPH oxidase CYBA polymorphisms, oxidative stress and cardiovascular diseases. *Clinical Science*, **2008**, 114, 173-82	6.5	78
32	The C242T CYBA polymorphism of NADPH oxidase is associated with essential hypertension. *Journal of Hypertension*, **2006**, 24, 1299-306	1.9	75
31	microRNA-122 down-regulation may play a role in severe myocardial fibrosis in human aortic stenosis through TGF-β up-regulation. *Clinical Science*, **2014**, 126, 497-506	6.5	74
30	Preliminary characterisation of the promoter of the human p22(phox) gene: identification of a new polymorphism associated with hypertension. *FEBS Letters*, **2003**, 542, 27-31	3.8	73
29	Phagocytic NADPH oxidase-dependent superoxide production stimulates matrix metalloproteinase-9: implications for human atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2007**, 27, 587-93	9.4	71
28	A 28-kDa splice variant of NADPH oxidase-4 is nuclear-localized and involved in redox signaling in vascular cells. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, e104-12	9.4	62
27	NADPH oxidase-dependent superoxide production is associated with carotid intima-media thickness in subjects free of clinical atherosclerotic disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 1452-7	9.4	58

26	Myocardial Remodeling in Hypertension. *Hypertension*, **2018**, 72, 549-558	8.5	58
25	Polymorphisms and promoter overactivity of the p22(phox) gene in vascular smooth muscle cells from spontaneously hypertensive rats. *Circulation Research*, **2001**, 88, 217-22	15.7	55
24	Oxidative stress, endothelial dysfunction and cerebrovascular disease. *Cerebrovascular Diseases*, **2007**, 24 Suppl 1, 24-9	3.2	54
23	Is the balance between nitric oxide and superoxide altered in spontaneously hypertensive rats with endothelial dysfunction?. *Nephrology Dialysis Transplantation*, **2001**, 16 Suppl 1, 2-5	4.3	39
22	Increased phagocytic nicotinamide adenine dinucleotide phosphate oxidase-dependent superoxide production in patients with early chronic kidney disease. *Kidney International*, **2005**, S71-5	9.9	38
21	Insulin-induced NADPH oxidase activation promotes proliferation and matrix metalloproteinase activation in monocytes/macrophages. *Free Radical Biology and Medicine*, **2009**, 46, 1058-67	7.8	33
20	HIF-1-mediated up-regulation of cardiotrophin-1 is involved in the survival response of cardiomyocytes to hypoxia. *Cardiovascular Research*, **2011**, 92, 247-55	9.9	31
19	A novel CYBA variant, the -675A/T polymorphism, is associated with essential hypertension. *Journal of Hypertension*, **2007**, 25, 1620-6	1.9	31
18	MicroRNA-19b is a potential biomarker of increased myocardial collagen cross-linking in patients with aortic stenosis and heart failure. *Scientific Reports*, **2017**, 7, 40696	4.9	30
17	Phenotyping of myocardial fibrosis in hypertensive patients with heart failure. Influence on clinical outcome. *Journal of Hypertension*, **2017**, 35, 853-861	1.9	30
16	The complex dynamics of myocardial interstitial fibrosis in heart failure. Focus on collagen cross-linking. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2019**, 1866, 1421-1432	4.9	29
15	Natural Compound Library Screening Identifies New Molecules for the Treatment of Cardiac Fibrosis and Diastolic Dysfunction. *Circulation*, **2020**, 141, 751-767	16.7	27
14	Association of cystatin C with heart failure with preserved ejection fraction in elderly hypertensive patients: potential role of altered collagen metabolism. *Journal of Hypertension*, **2016**, 34, 130-8	1.9	23
13	Diffuse myocardial fibrosis: mechanisms, diagnosis and therapeutic approaches. *Nature Reviews Cardiology*, **2021**, 18, 479-498	14.8	20
12	Mechanisms underlying the cardiac antifibrotic effects of losartan metabolites. *Scientific Reports*, **2017**, 7, 41865	4.9	17
11	Increased phagocytic NADPH oxidase activity associates with coronary artery calcification in asymptomatic men. *Free Radical Research*, **2017**, 51, 389-396	4	16
10	A synthetic peptide from transforming growth factor-□type III receptor inhibits NADPH oxidase and prevents oxidative stress in the kidney of spontaneously hypertensive rats. *Antioxidants and Redox Signaling*, **2013**, 19, 1607-18	8.4	14
9	The Hypertensive Myocardium: From Microscopic Lesions to Clinical Complications and Outcomes. *Medical Clinics of North America*, **2017**, 101, 43-52	7	14

8	Association of phagocytic NADPH oxidase activity with hypertensive heart disease: a role for cardiotrophin-1?. *Hypertension*, **2014**, 63, 468-74	8.5	14
7	Insulin resistance determines phagocytic nicotinamide adenine dinucleotide phosphate oxidase overactivation in metabolic syndrome patients. *Journal of Hypertension*, **2009**, 27, 1420-30	1.9	12
6	Decreased Nox4 levels in the myocardium of patients with aortic valve stenosis. *Clinical Science*, **2013**, 125, 291-300	6.5	10
5	The angiotensin-converting enzyme insertion/deletion polymorphism is associated with phagocytic NADPH oxidase-dependent superoxide generation: potential implication in hypertension. *Clinical Science*, **2009**, 116, 233-40	6.5	8
4	Burden and challenges of heart failure in patients with chronic kidney disease. A call to action. *Nefrologia*, **2020**, 40, 223-236	1.5	6
3	The A640G CYBA polymorphism associates with subclinical atherosclerosis in diabetes. *Frontiers in Bioscience - Elite*, **2011**, 3, 1467-74	1.6	5
2	Reprint of "The complex dynamics of myocardial interstitial fibrosis in heart failure. Focus on collagen cross-linking". *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2020**, 1867, 118521	4.9	5
1	Corrigendum to Preliminary characterisation of the promoter of the human p22phox gene: Identification of a new polymorphism associated with hypertension[FEBS Lett. 542 (2003) 27?31]. *FEBS Letters*, **2010**, 584, 4709-4709	3.8	