Jos Martnez-Gonzlez

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51 papers	1,658 citations	26 h-index	40 g-index
56 ext. papers	1,967 ext. citations	5.6 avg, IF	4.51 L-index

#	Paper	IF	Citations
51	The NR4A subfamily of nuclear receptors: new early genes regulated by growth factors in vascular cells. *Cardiovascular Research*, **2005**, 65, 609-18	9.9	123
50	Regulation of lysyl oxidase in vascular cells: lysyl oxidase as a new player in cardiovascular diseases. *Cardiovascular Research*, **2008**, 79, 7-13	9.9	120
49	High levels of homocysteine inhibit lysyl oxidase (LOX) and downregulate LOX expression in vascular endothelial cells. *Atherosclerosis*, **2004**, 177, 1-8	3.1	98
48	Mechanisms underlying the cardiovascular effects of COX-inhibition: benefits and risks. *Current Pharmaceutical Design*, **2007**, 13, 2215-27	3.3	78
47	Lysyl oxidase as a potential therapeutic target. *Drug News and Perspectives*, **2008**, 21, 218-24		72
46	Neuron-derived orphan receptor-1 (NOR-1) modulates vascular smooth muscle cell proliferation. *Circulation Research*, **2003**, 92, 96-103	15.7	70
45	Atherogenic concentrations of native low-density lipoproteins down-regulate nitric-oxide-synthase mRNA and protein levels in endothelial cells. *FEBS Journal*, **1998**, 252, 378-84		62
44	Low density lipoproteins downregulate lysyl oxidase in vascular endothelial cells and the arterial wall. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2002**, 22, 1409-14	9.4	58
43	Lysyl Oxidase Induces Vascular Oxidative Stress and Contributes to Arterial Stiffness and Abnormal Elastin Structure in Hypertension: Role of p38MAPK. *Antioxidants and Redox Signaling*, **2017**, 27, 379-397	8.4	56
42	Involvement of neuron-derived orphan receptor-1 (NOR-1) in LDL-induced mitogenic stimulus in vascular smooth muscle cells: role of CREB. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 697-702	9.4	51
41	The hypoxia-inducible factor 1/NOR-1 axis regulates the survival response of endothelial cells to hypoxia. *Molecular and Cellular Biology*, **2009**, 29, 5828-42	4.8	50
40	Left and right ventricle late remodeling following myocardial infarction in rats. *PLoS ONE*, **2013**, 8, e64986	3.7	47
39	Influence of statin use on endothelial function: from bench to clinics. *Current Pharmaceutical Design* , **2007**, 13, 1771-86	3.3	46
38	Ageing is associated with deterioration of calcium homeostasis in isolated human right atrial myocytes. *Cardiovascular Research*, **2015**, 106, 76-86	9.9	45
37	NOR-1 is involved in VEGF-induced endothelial cell growth. *Atherosclerosis*, **2006**, 184, 276-82	3.1	44
36	Simvastatin potenciates PGI(2) release induced by HDL in human VSMC: effect on Cox-2 up-regulation and MAPK signalling pathways activated by HDL. *Atherosclerosis*, **2004**, 174, 305-13	3.1	42
35	The lysyl oxidase inhibitor (β-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	5.8	39

34	Over-expression of neuron-derived orphan receptor-1 (NOR-1) exacerbates neointimal hyperplasia after vascular injury. *Human Molecular Genetics*, **2013**, 22, 1949-59	5.6	38
33	Induction of histone deacetylases (HDACs) in human abdominal aortic aneurysm: therapeutic potential of HDAC inhibitors. *DMM Disease Models and Mechanisms*, **2016**, 9, 541-52	4.1	36
32	Lysyl oxidase overexpression accelerates cardiac remodeling and aggravates angiotensin II-induced hypertrophy. *FASEB Journal*, **2017**, 31, 3787-3799	0.9	32
31	NOR-1 modulates the inflammatory response of vascular smooth muscle cells by preventing NFB activation. *Journal of Molecular and Cellular Cardiology*, **2015**, 80, 34-44	5.8	32
30	Inhibition of enzymes involved in collagen cross-linking reduces vascular smooth muscle cell calcification. *FASEB Journal*, **2018**, 32, 4459-4469	0.9	31
29	Bemiparin: second-generation, low-molecular-weight heparin for treatment and prophylaxis of venous thromboembolism. *Expert Review of Cardiovascular Therapy*, **2008**, 6, 793-802	2.5	29
28	Statins normalize vascular lysyl oxidase down-regulation induced by proatherogenic risk factors. *Cardiovascular Research*, **2009**, 83, 595-603	9.9	28
27	Microvascular COX-2/mPGES-1/EP-4 axis in human abdominal aortic aneurysm. *Journal of Lipid Research*, **2013**, 54, 3506-15	6.3	27
26	Down-regulation of Fibulin-5 is associated with aortic dilation: role of inflammation and epigenetics. *Cardiovascular Research*, **2016**, 110, 431-42	9.9	27
25	NR4A receptors up-regulate the antiproteinase alpha-2 macroglobulin (A2M) and modulate MMP-2 and MMP-9 in vascular smooth muscle cells. *Thrombosis and Haemostasis*, **2015**, 113, 1323-34	7	26
24	Lysyl oxidase (LOX) in vascular remodelling. Insight from a new animal model. *Thrombosis and Haemostasis*, **2014**, 112, 812-24	7	22
23	Simvastatin inhibits NOR-1 expression induced by hyperlipemia by interfering with CREB activation. *Cardiovascular Research*, **2005**, 67, 333-41	9.9	20
22	The Role of Lysyl Oxidase Enzymes in Cardiac Function and Remodeling. *Cells*, **2019**, 8,	7.9	18
21	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	4.9	17
20	Deficient p27 phosphorylation at serine 10 increases macrophage foam cell formation and aggravates atherosclerosis through a proliferation-independent mechanism. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2455-63	9.4	17
19	Emerging Roles of Lysyl Oxidases in the Cardiovascular System: New Concepts and Therapeutic Challenges. *Biomolecules*, **2019**, 9,	5.9	16
18	Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease. *Circulation*, **2019**, 139, 243-255	16.7	15
17	Endothelial NOD1 directs myeloid cell recruitment in atherosclerosis through VCAM-1. *FASEB Journal*, **2019**, 33, 3912-3921	0.9	14

16	Vascular effects of thrombin: involvement of NOR-1 in thrombin-induced mitogenic stimulus in vascular cells. *Frontiers in Bioscience - Landmark*, **2008**, 13, 2909-15	2.8	13
15	The nuclear receptor NOR-1/NR4A3 regulates the multifunctional glycoprotein vitronectin in human vascular smooth muscle cells. *FASEB Journal*, **2017**, 31, 4588-4599	0.9	12
14	New challenges for a second-generation low-molecular-weight heparin: focus on bemiparin. *Expert Review of Cardiovascular Therapy*, **2010**, 8, 625-34	2.5	11
13	Hypoxia-induced ROS signaling is required for LOX up-regulation in endothelial cells. *Frontiers in Bioscience - Elite*, **2011**, 3, 955-67	1.6	10
12	The nuclear receptor NOR-1 regulates the small muscle protein, X-linked (SMPX) and myotube differentiation. *Scientific Reports*, **2016**, 6, 25944	4.9	10
11	Trans-10,cis-12-CLA dysregulate lipid and glucose metabolism and induce hepatic NR4A receptors. *Frontiers in Bioscience - Elite*, **2010**, 2, 87-97	1.6	9
10	Lysyl oxidase (LOX) limits VSMC proliferation and neointimal thickening through its extracellular enzymatic activity. *Scientific Reports*, **2018**, 8, 13258	4.9	9
9	Opposite Effects of Moderate and Extreme Cx43 Deficiency in Conditional Cx43-Deficient Mice on Angiotensin II-Induced Cardiac Fibrosis. *Cells*, **2019**, 8,	7.9	8
8	Neuron-derived orphan receptor-1 modulates cardiac gene expression and exacerbates angiotensin II-induced cardiac hypertrophy. *Clinical Science*, **2020**, 134, 359-377	6.5	7
7	Deletion or Inhibition of NOD1 Favors Plaque Stability and Attenuates Atherothrombosis in Advanced Atherogenesis. *Cells*, **2020**, 9,	7.9	5
6	The nuclear receptor NOR-1 modulates redox homeostasis in human vascular smooth muscle cells. *Journal of Molecular and Cellular Cardiology*, **2018**, 122, 23-33	5.8	4
5	High NOR-1 (Neuron-Derived Orphan Receptor 1) Expression Strengthens the Vascular Wall Response to Angiotensin II Leading to Aneurysm Formation in Mice. *Hypertension*, **2021**, 77, 557-570	8.5	4
4	Targeting Tyrosine Hydroxylase for Abdominal Aortic Aneurysm: Impact on Inflammation, Oxidative Stress, and Vascular Remodeling. *Hypertension*, **2021**, 78, 681-692	8.5	3
3	NR4A3: A Key Nuclear Receptor in Vascular Biology, Cardiovascular Remodeling, and Beyond. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
2	Rolipram Prevents the Formation of Abdominal Aortic Aneurysm (AAA) in Mice: PDE4B as a Target in AAA. *Antioxidants*, **2021**, 10,	7.1	1
1	Suboptimal release of CD34+/CD144+ cells in atherosclerotic patients in response to ischemia: role of plasmatic TGF-B. *FASEB Journal*, **2011**, 25, lb355	0.9	