

Jos Martnez-Gonzlez

List of Publications by Year in Descending Order

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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	NR4A3: A Key Nuclear Receptor in Vascular Biology, Cardiovascular Remodeling, and Beyond. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
50	Rolipram Prevents the Formation of Abdominal Aortic Aneurysm (AAA) in Mice: PDE4B as a Target in AAA. <i>Antioxidants</i> , 2021 , 10,	7.1	1
49	High NOR-1 (Neuron-Derived Orphan Receptor 1) Expression Strengthens the Vascular Wall Response to Angiotensin II Leading to Aneurysm Formation in Mice. <i>Hypertension</i> , 2021 , 77, 557-570	8.5	4
48	Targeting Tyrosine Hydroxylase for Abdominal Aortic Aneurysm: Impact on Inflammation, Oxidative Stress, and Vascular Remodeling. <i>Hypertension</i> , 2021 , 78, 681-692	8.5	3
47	Neuron-derived orphan receptor-1 modulates cardiac gene expression and exacerbates angiotensin II-induced cardiac hypertrophy. <i>Clinical Science</i> , 2020 , 134, 359-377	6.5	7
46	Deletion or Inhibition of NOD1 Favors Plaque Stability and Attenuates Atherothrombosis in Advanced Atherogenesis. <i>Cells</i> , 2020 , 9,	7.9	5
45	Emerging Roles of Lysyl Oxidases in the Cardiovascular System: New Concepts and Therapeutic Challenges. <i>Biomolecules</i> , 2019 , 9,	5.9	16
44	Opposite Effects of Moderate and Extreme Cx43 Deficiency in Conditional Cx43-Deficient Mice on Angiotensin II-Induced Cardiac Fibrosis. <i>Cells</i> , 2019 , 8,	7.9	8
43	The Role of Lysyl Oxidase Enzymes in Cardiac Function and Remodeling. <i>Cells</i> , 2019 , 8,	7.9	18
42	Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease. <i>Circulation</i> , 2019 , 139, 243-255	16.7	15
41	Endothelial NOD1 directs myeloid cell recruitment in atherosclerosis through VCAM-1. <i>FASEB Journal</i> , 2019 , 33, 3912-3921	0.9	14
40	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	5.8	4
39	Inhibition of enzymes involved in collagen cross-linking reduces vascular smooth muscle cell calcification. <i>FASEB Journal</i> , 2018 , 32, 4459-4469	0.9	31
38	Lysyl oxidase (LOX) limits VSMC proliferation and neointimal thickening through its extracellular enzymatic activity. <i>Scientific Reports</i> , 2018 , 8, 13258	4.9	9
37	Lysyl oxidase overexpression accelerates cardiac remodeling and aggravates angiotensin II-induced hypertrophy. <i>FASEB Journal</i> , 2017 , 31, 3787-3799	0.9	32
36	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	8.4	56
35	The nuclear receptor NOR-1/NR4A3 regulates the multifunctional glycoprotein vitronectin in human vascular smooth muscle cells. <i>FASEB Journal</i> , 2017 , 31, 4588-4599	0.9	12

34	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	4.9	17
33	The lysyl oxidase inhibitor (L-lysine) 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	5.8	39
32	The nuclear receptor NOR-1 regulates the small muscle protein, X-linked (SMPX) and myotube differentiation. <i>Scientific Reports</i> , 2016 , 6, 25944	4.9	10
31	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	4.1	36
30	Down-regulation of Fibulin-5 is associated with aortic dilation: role of inflammation and epigenetics. <i>Cardiovascular Research</i> , 2016 , 110, 431-42	9.9	27
29	Ageing is associated with deterioration of calcium homeostasis in isolated human right atrial myocytes. <i>Cardiovascular Research</i> , 2015 , 106, 76-86	9.9	45
28	NR4A receptors up-regulate the antiproteinase alpha-2 macroglobulin (A2M) and modulate MMP-2 and MMP-9 in vascular smooth muscle cells. <i>Thrombosis and Haemostasis</i> , 2015 , 113, 1323-34	7	26
27	NOR-1 modulates the inflammatory response of vascular smooth muscle cells by preventing NF κ B activation. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 80, 34-44	5.8	32
26	Lysyl oxidase (LOX) in vascular remodelling. Insight from a new animal model. <i>Thrombosis and Haemostasis</i> , 2014 , 112, 812-24	7	22
25	Microvascular COX-2/mPGES-1/EP-4 axis in human abdominal aortic aneurysm. <i>Journal of Lipid Research</i> , 2013 , 54, 3506-15	6.3	27
24	Over-expression of neuron-derived orphan receptor-1 (NOR-1) exacerbates neointimal hyperplasia after vascular injury. <i>Human Molecular Genetics</i> , 2013 , 22, 1949-59	5.6	38
23	Left and right ventricle late remodeling following myocardial infarction in rats. <i>PLoS ONE</i> , 2013 , 8, e64986	9.7	47
22	Hypoxia-induced ROS signaling is required for LOX up-regulation in endothelial cells. <i>Frontiers in Bioscience - Elite</i> , 2011 , 3, 955-67	1.6	10
21	Deficient p27 phosphorylation at serine 10 increases macrophage foam cell formation and aggravates atherosclerosis through a proliferation-independent mechanism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2455-63	9.4	17
20	Suboptimal release of CD34+/CD144+ cells in atherosclerotic patients in response to ischemia: role of plasmatic TGF- β . <i>FASEB Journal</i> , 2011 , 25, lb355	0.9	
19	Trans-10,cis-12-CLA dysregulate lipid and glucose metabolism and induce hepatic NR4A receptors. <i>Frontiers in Bioscience - Elite</i> , 2010 , 2, 87-97	1.6	9
18	New challenges for a second-generation low-molecular-weight heparin: focus on bemiparin. <i>Expert Review of Cardiovascular Therapy</i> , 2010 , 8, 625-34	2.5	11
17	The hypoxia-inducible factor 1/NOR-1 axis regulates the survival response of endothelial cells to hypoxia. <i>Molecular and Cellular Biology</i> , 2009 , 29, 5828-42	4.8	50

16	Statins normalize vascular lysyl oxidase down-regulation induced by proatherogenic risk factors. <i>Cardiovascular Research</i> , 2009 , 83, 595-603	9.9	28
15	Bemiparin: second-generation, low-molecular-weight heparin for treatment and prophylaxis of venous thromboembolism. <i>Expert Review of Cardiovascular Therapy</i> , 2008 , 6, 793-802	2.5	29
14	Regulation of lysyl oxidase in vascular cells: lysyl oxidase as a new player in cardiovascular diseases. <i>Cardiovascular Research</i> , 2008 , 79, 7-13	9.9	120
13	Vascular effects of thrombin: involvement of NOR-1 in thrombin-induced mitogenic stimulus in vascular cells. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 2909-15	2.8	13
12	Lysyl oxidase as a potential therapeutic target. <i>Drug News and Perspectives</i> , 2008 , 21, 218-24		72
11	Mechanisms underlying the cardiovascular effects of COX-inhibition: benefits and risks. <i>Current Pharmaceutical Design</i> , 2007 , 13, 2215-27	3.3	78
10	Influence of statin use on endothelial function: from bench to clinics. <i>Current Pharmaceutical Design</i> , 2007 , 13, 1771-86	3.3	46
9	NOR-1 is involved in VEGF-induced endothelial cell growth. <i>Atherosclerosis</i> , 2006 , 184, 276-82	3.1	44
8	Simvastatin inhibits NOR-1 expression induced by hyperlipemia by interfering with CREB activation. <i>Cardiovascular Research</i> , 2005 , 67, 333-41	9.9	20
7	The NR4A subfamily of nuclear receptors: new early genes regulated by growth factors in vascular cells. <i>Cardiovascular Research</i> , 2005 , 65, 609-18	9.9	123
6	Involvement of neuron-derived orphan receptor-1 (NOR-1) in LDL-induced mitogenic stimulus in vascular smooth muscle cells: role of CREB. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 697-702	9.4	51
5	High levels of homocysteine inhibit lysyl oxidase (LOX) and downregulate LOX expression in vascular endothelial cells. <i>Atherosclerosis</i> , 2004 , 177, 1-8	3.1	98
4	Simvastatin potentiates PGI(2) release induced by HDL in human VSMC: effect on Cox-2 up-regulation and MAPK signalling pathways activated by HDL. <i>Atherosclerosis</i> , 2004 , 174, 305-13	3.1	42
3	Neuron-derived orphan receptor-1 (NOR-1) modulates vascular smooth muscle cell proliferation. <i>Circulation Research</i> , 2003 , 92, 96-103	15.7	70
2	Low density lipoproteins downregulate lysyl oxidase in vascular endothelial cells and the arterial wall. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002 , 22, 1409-14	9.4	58
1	Atherogenic concentrations of native low-density lipoproteins down-regulate nitric-oxide-synthase mRNA and protein levels in endothelial cells. <i>FEBS Journal</i> , 1998 , 252, 378-84		62