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List of Publications by Year
in descending order

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54 papers	2,223 citations	172207 29 h-index	223531 46 g-index
56 all docs	56 docs citations	56 times ranked	3030 citing authors

#	Article	IF	Citations
1	Regulation of lysyl oxidase in vascular cells: lysyl oxidase as a new player in cardiovascular diseases. Cardiovascular Research, 2008, 79, 7-13.	1.8	150
2	The NR4A subfamily of nuclear receptors: new early genes regulated by growth factors in vascular cells. Cardiovascular Research, 2005, 65, 609-618.	1.8	148
3	High levels of homocysteine inhibit lysyl oxidase (LOX) and downregulate LOX expression in vascular endothelial cells. Atherosclerosis, 2004, 177, 1-8.	0.4	128
4	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.	2.5	91
5	Mechanisms Underlying the Cardiovascular Effects of COX-Inhibition: Benefits and Risks. Current Pharmaceutical Design, 2007, 13, 2215-2227.	0.9	86
6	Lysyl Oxidase as a Potential Therapeutic Target. Drug News and Perspectives, 2008, 21, 218.	1.9	82
7	Atherogenic concentrations of native low-density lipoproteins down-regulate nitric-oxide-synthase mRNA and protein levels in endothelial cells. FEBS Journal, 1998, 252, 378-384.	0.2	78
8	Neuron-Derived Orphan Receptor-1 (NOR-1) Modulates Vascular Smooth Muscle Cell Proliferation. Circulation Research, 2003, 92, 96-103.	2.0	78
9	Low Density Lipoproteins Downregulate Lysyl Oxidase in Vascular Endothelial Cells and the Arterial Wall. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1409-1414.	1.1	77
10	The Hypoxia-Inducible Factor 1/NOR-1 Axis Regulates the Survival Response of Endothelial Cells to Hypoxia. Molecular and Cellular Biology, 2009, 29, 5828-5842.	1.1	64
11	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.	1.1	63
12	Ageing is associated with deterioration of calcium homeostasis in isolated human right atrial myocytes. Cardiovascular Research, 2015, 106, 76-86.	1.8	60
13	Inhibition of enzymes involved in collagen crossâ€linking reduces vascular smooth muscle cell calcification. FASEB Journal, 2018, 32, 4459-4469.	0.2	60
14	NOR-1 is involved in VEGF-induced endothelial cell growth. Atherosclerosis, 2006, 184, 276-282.	0.4	54
15	Left and Right Ventricle Late Remodeling Following Myocardial Infarction in Rats. PLoS ONE, 2013, 8, e64986.	1.1	54
16	Influence of Statin Use on Endothelial Function: From Bench to Clinics. Current Pharmaceutical Design, 2007, 13, 1771-1786.	0.9	53
17	The lysyl oxidase inhibitor (Î²-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.	0.9	52
18	Simvastatin potenciates PGI2 release induced by HDL in human VSMC: effect on Cox-2 up-regulation and MAPK signalling pathways activated by HDL. Atherosclerosis, 2004, 174, 305-313.	0.4	50

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19	The Role of Lysyl Oxidase Enzymes in Cardiac Function and Remodeling. Cells, 2019, 8, 1483.	1.8	49
20	Over-expression of Neuron-derived Orphan Receptor-1 (NOR-1) exacerbates neointimal hyperplasia after vascular injury. Human Molecular Genetics, 2013, 22, 1949-1959.	1.4	46
21	Induction of histone deacetylases (HDACs) in human abdominal aortic aneurysm: therapeutic potential of HDAC inhibitors. DMM Disease Models and Mechanisms, 2016, 9, 541-52.	1.2	42
22	Lysyl oxidase overexpression accelerates cardiac remodeling and aggravates angiotensin Iiâ€“induced hypertrophy. FASEB Journal, 2017, 31, 3787-3799.	0.2	41
23	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, 1323-1334.	1.8	39
24	NOR-1 modulates the inflammatory response of vascular smooth muscle cells by preventing NFÎºB activation. Journal of Molecular and Cellular Cardiology, 2015, 80, 34-44.	0.9	39
25	Emerging Roles of Lysyl Oxidases in the Cardiovascular System: New Concepts and Therapeutic Challenges. Biomolecules, 2019, 9, 610.	1.8	39
26	Down-regulation of Fibulin-5 is associated with aortic dilation: role of inflammation and epigenetics. Cardiovascular Research, 2016, 110, 431-442.	1.8	36
27	Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease. Circulation, 2019, 139, 243-255.	1.6	36
28	Statins normalize vascular lysyl oxidase down-regulation induced by proatherogenic risk factors. Cardiovascular Research, 2009, 83, 595-603.	1.8	35
29	Microvascular COX-2/mPGES-1/EP-4 axis in human abdominal aortic aneurysm. Journal of Lipid Research, 2013, 54, 3506-3515.	2.0	35
30	Bemiparin: second-generation, low-molecular-weight heparin for treatment and prophylaxis of venous thromboembolism. Expert Review of Cardiovascular Therapy, 2008, 6, 793-802.	0.6	30
31	Endothelial NOD1 directs myeloid cell recruitment in atherosclerosis through VCAMâ€1. FASEB Journal, 2019, 33, 3912-3921.	0.2	28
32	Simvastatin inhibits NOR-1 expression induced by hyperlipemia by interfering with CREB activation. Cardiovascular Research, 2005, 67, 333-341.	1.8	27
33	Lysyl oxidase (LOX) in vascular remodelling. Thrombosis and Haemostasis, 2014, 112, 812-824.	1.8	26
34	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.	1.6	24
35	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, 2455-2463.	1.1	18
36	The nuclear receptor NORâ€1/NR4A3 regulates the multifunctional glycoprotein vitronectin in human vascular smooth muscle cells. FASEB Journal, 2017, 31, 4588-4599.	0.2	18

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37	Vascular effects of thrombin: Involvement of NOR-1 in thrombin-induced mitogenic stimulus in vascular cells. Frontiers in Bioscience - Landmark, 2008, 13, 2909.	3.0	17
38	The nuclear receptor NOR-1 regulates the small muscle protein, X-linked (SMPX) and myotube differentiation. Scientific Reports, 2016, 6, 25944.	1.6	16
39	NR4A3: A Key Nuclear Receptor in Vascular Biology, Cardiovascular Remodeling, and Beyond. International Journal of Molecular Sciences, 2021, 22, 11371.	1.8	15
40	Deletion or Inhibition of NOD1 Favors Plaque Stability and Attenuates Atherothrombosis in Advanced Atherogenesis. Cells, 2020, 9, 2067.	1.8	14
41	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.	1.3	14
42	Lysyl oxidase (LOX) limits VSMC proliferation and neointimal thickening through its extracellular enzymatic activity. Scientific Reports, 2018, 8, 13258.	1.6	13
43	Neuron-derived orphan receptor-1 modulates cardiac gene expression and exacerbates angiotensin II-induced cardiac hypertrophy. Clinical Science, 2020, 134, 359-377.	1.8	13
44	Opposite Effects of Moderate and Extreme Cx43 Deficiency in Conditional Cx43-Deficient Mice on Angiotensin II-Induced Cardiac Fibrosis. Cells, 2019, 8, 1299.	1.8	12
45	New challenges for a second-generation low-molecular-weight heparin: focus on bemiparin. Expert Review of Cardiovascular Therapy, 2010, 8, 625-634.	0.6	11
46	Rolipram Prevents the Formation of Abdominal Aortic Aneurysm (AAA) in Mice: PDE4B as a Target in AAA. Antioxidants, 2021, 10, 460.	2.2	11
47	Targeting Tyrosine Hydroxylase for Abdominal Aortic Aneurysm: Impact on Inflammation, Oxidative Stress, and Vascular Remodeling. Hypertension, 2021, 78, 681-692.	1.3	11
48	Hypoxia-induced ROS signaling is required for LOX up-regulation in endothelial cells. Frontiers in Bioscience - Elite, 2011, E3, 955-967.	0.9	10
49	The nuclear receptor NOR-1 modulates redox homeostasis in human vascular smooth muscle cells. Journal of Molecular and Cellular Cardiology, 2018, 122, 23-33.	0.9	10
50	Trans-10 cis-12-CLA dysregulate lipid and glucose metabolism and induce hepatic NR4A receptors. Frontiers in Bioscience - Elite, 2010, E2, 87-97.	0.9	9
51	Human Lysyl Oxidase Over-Expression Enhances Baseline Cardiac Oxidative Stress but Does Not Aggravate ROS Generation or Infarct Size Following Myocardial Ischemia-Reperfusion. Antioxidants, 2022, 11, 75.	2.2	3
52	El receptor nuclear NOR-1 (Neuron-derived Orphan Receptor-1) en el remodelado vascular patolÃ³gico. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2022, 34, 229-243.	0.4	2
53	Cells in Cardiovascular Disease: Using Diversity to Confront Adversity. Cells, 2020, 9, 2192.	1.8	0
54	Suboptimal release of CD34+/CD144+ cells in atherosclerotic patients in response to ischemia: role of plasmatic TGFâ€ß. FASEB Journal, 2011, 25, lb355.	0.2	0