

Katrin Schröder

List of Publications by Year in descending order

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Version: 2024-02-01

145
papers

9,522
citations

53939

47
h-index

46524

93
g-index

170
all docs

170
docs citations

170
times ranked

13659
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species Differentially Modulate the Metabolic and Transcriptomic Response of Endothelial Cells. <i>Antioxidants</i> , 2022, 11, 434.	2.2	9
2	The Induced Membrane Techniqueâ€”The Filling Matters: Evaluation of Different Forms of Membrane Filling with and without Bone Marrow Mononuclear Cells (BMC) in Large Femoral Bone Defects in Rats. <i>Biomedicines</i> , 2022, 10, 642.	1.4	2
3	Combined Activity of the Redox-Modulating Compound Setanaxib (GKT137831) with Cytotoxic Agents in the Killing of Acute Myeloid Leukemia Cells. <i>Antioxidants</i> , 2022, 11, 513.	2.2	4
4	Context-specific effects of NOX4 inactivation in acute myeloid leukemia (AML). <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 1983-1990.	1.2	2
5	PKG, CXL, and HNO. Relax!. <i>Hypertension</i> , 2022, 79, 957-959.	1.3	0
6	NADPH Oxidases in Pain Processing. <i>Antioxidants</i> , 2022, 11, 1162.	2.2	5
7	Nox4 expression in osteo-progenitors controls bone development in mice during early life. <i>Communications Biology</i> , 2022, 5, .	2.0	9
8	Vitamin Dâ€”A New Perspective in Treatment of Cerebral Vasospasm. <i>Neurosurgery</i> , 2021, 88, 674-685.	0.6	10
9	NADPH Oxidases Are Required for Full Platelet Activation In Vitro and Thrombosis In Vivo but Dispensable for Plasma Coagulation and Hemostasis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 683-697.	1.1	16
10	NADPH oxidase-4 promotes eccentric cardiac hypertrophy in response to volume overload. <i>Cardiovascular Research</i> , 2021, 117, 178-187.	1.8	24
11	Immunomodulatory role of reactive oxygen species and nitrogen species during T cell-driven neutrophil-enriched acute and chronic cutaneous delayed-type hypersensitivity reactions. <i>Theranostics</i> , 2021, 11, 470-490.	4.6	17
12	Genetic deletion of Nox4 enhances cancerogen-induced formation of solid tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	20
13	Diabetes and Thrombosis: A Central Role for Vascular Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 706.	2.2	15
14	Nox4-dependent upregulation of S100A4 after peripheral nerve injury modulates neuropathic pain processing. <i>Free Radical Biology and Medicine</i> , 2021, 168, 155-167.	1.3	9
15	Fibrous Demineralized Bone Matrix (DBM) Improves Bone Marrow Mononuclear Cell (BMC)-Supported Bone Healing in Large Femoral Bone Defects in Rats. <i>Cells</i> , 2021, 10, 1249.	1.8	9
16	NOX1/NADPH oxidase is involved in the LPS-induced exacerbation of collagen-induced arthritis. <i>Journal of Pharmacological Sciences</i> , 2021, 146, 88-97.	1.1	3
17	Nox4 Maintains Blood Pressure during Low Sodium Diet. <i>Antioxidants</i> , 2021, 10, 1103.	2.2	2
18	Nox4 Knockout Does Not Prevent Diaphragm Atrophy, Contractile Dysfunction, or Mitochondrial Maladaptation in the Early Phase Post-Myocardial Infarction in Mice. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 489-504.	1.1	4

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19	The hydrogen-peroxide producing NADPH oxidase 4 does not limit neointima development after vascular injury in mice. <i>Redox Biology</i> , 2021, 45, 102050.	3.9	7
20	Dual NADPH oxidases DUOX1 and DUOX2 synthesize NAADP and are necessary for Ca ²⁺ signaling during T cell activation. <i>Science Signaling</i> , 2021, 14, eabe3800.	1.6	28
21	Size matters: Effect of granule size of the bone graft substitute (Herafill®) on bone healing using Masquelet's induced membrane in a critical size defect model in the rat's femur. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 1469-1482.	1.6	24
22	Redox signaling in cellular differentiation. , 2020, , 539-563.		2
23	Oxidation of HDAC4 by Nox4-derived H ₂ O ₂ maintains tube formation by endothelial cells. <i>Redox Biology</i> , 2020, 36, 101669.	3.9	20
24	Deletion of NoxO1 limits atherosclerosis development in female mice. <i>Redox Biology</i> , 2020, 37, 101713.	3.9	13
25	Chronic Ethanol Feeding in Mice Decreases Expression of Genes for Major Structural Bone Proteins in a Nox4-Independent Manner. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 337-346.	1.3	13
26	Introduction of a New Surgical Method to Improve Bone Healing in a Large Bone Defect by Replacement of the Induced Membrane by a Human Decellularized Dermis Repopulated with Bone Marrow Mononuclear Cells in Rat. <i>Materials</i> , 2020, 13, 2629.	1.3	6
27	NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. <i>Nature Metabolism</i> , 2020, 2, 532-546.	5.1	23
28	NoxO1 Knockout Promotes Longevity in Mice. <i>Antioxidants</i> , 2020, 9, 226.	2.2	4
29	The NADPH Oxidase Isoform 1 Contributes to Angiotensin II-Mediated DNA Damage in the Kidney. <i>Antioxidants</i> , 2020, 9, 586.	2.2	6
30	NOX1 Regulates Collective and Planktonic Cell Migration: Insights From Patients With Pediatric-Onset IBD and NOX1 Deficiency. <i>Inflammatory Bowel Diseases</i> , 2020, 26, 1166-1176.	0.9	9
31	Determination of the effective dose of bone marrow mononuclear cell therapy for bone healing in vivo. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 265-276.	0.8	13
32	From two stages to one: acceleration of the induced membrane (Masquelet) technique using human acellular dermis for the treatment of non-infectious large bone defects. <i>European Journal of Trauma and Emergency Surgery</i> , 2020, 46, 317-327.	0.8	21
33	Glucose-Stimulated Insulin Secretion Fundamentally Requires H ₂ O ₂ Signaling by NADPH Oxidase 4. <i>Diabetes</i> , 2020, 69, 1341-1354.	0.3	53
34	Exercise: benefit more with Nox4!. <i>Cardiovascular Research</i> , 2020, 116, 1658-1660.	1.8	2
35	NADPH oxidases: Current aspects and tools. <i>Redox Biology</i> , 2020, 34, 101512.	3.9	52
36	Nox4 regulates InsP ₃ receptor-dependent Ca ²⁺ release into mitochondria to promote cell survival. <i>EMBO Journal</i> , 2020, 39, e103530.	3.5	49

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37	The histone demethylase Jarid1b mediates angiotensin II-induced endothelial dysfunction by controlling the 3'UTR of soluble epoxide hydrolase. <i>Acta Physiologica</i> , 2019, 225, e13168.	1.8	8
38	NADPH oxidases in the differentiation of endothelial cells. <i>Cardiovascular Research</i> , 2019, 116, 262-268.	1.8	19
39	The NADPH Oxidase Nox4 Controls Macrophage Polarization in an NF- κ B-Dependent Manner. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	36
40	Tolerizing CTL by Sustained Hepatic PD-L1 Expression Provides a New Therapy Approach in Mouse Sepsis. <i>Theranostics</i> , 2019, 9, 2003-2016.	4.6	13
41	BIAM switch assay coupled to mass spectrometry identifies novel redox targets of NADPH oxidase 4. <i>Redox Biology</i> , 2019, 21, 101125.	3.9	13
42	NADPH oxidase-derived reactive oxygen species: Dosis facit venenum. <i>Experimental Physiology</i> , 2019, 104, 447-452.	0.9	34
43	NADPH oxidases in bone homeostasis and osteoporosis. <i>Free Radical Biology and Medicine</i> , 2019, 132, 67-72.	1.3	77
44	Improvement of Bone Healing by Neutralization of microRNA-335-5p, but not by Neutralization of microRNA-92A in Bone Marrow Mononuclear Cells Transplanted into a Large Femur Defect of the Rat. <i>Tissue Engineering - Part A</i> , 2019, 25, 55-68.	1.6	20
45	Redox Control of Angiogenesis. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 960-971.	2.5	19
46	Redox stress in Marfan syndrome: Dissecting the role of the NADPH oxidase NOX4 in aortic aneurysm. <i>Free Radical Biology and Medicine</i> , 2018, 118, 44-58.	1.3	57
47	Redox control in cancer development and progression. <i>Molecular Aspects of Medicine</i> , 2018, 63, 88-98.	2.7	103
48	Both cardiomyocyte and endothelial cell Nox4 mediate protection against hemodynamic overload-induced remodelling. <i>Cardiovascular Research</i> , 2018, 114, 401-408.	1.8	52
49	Comparison of three different types of scaffolds preseeded with human bone marrow mononuclear cells on the bone healing in a femoral critical size defect model of the athymic rat. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 653-666.	1.3	26
50	Detection of Hydrogen Peroxide with Fluorescent Dyes. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 585-602.	2.5	55
51	Redox Regulation and Noncoding RNAs. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 793-812.	2.5	36
52	The NADPH oxidases NoxO1 and p47phox are both mediators of diabetes-induced vascular dysfunction in mice. <i>Redox Biology</i> , 2018, 15, 12-21.	3.9	40
53	Influence of the induced membrane filled with syngeneic bone and regenerative cells on bone healing in a critical size defect model of the rat's femur. <i>Injury</i> , 2018, 49, 1721-1731.	0.7	23
54	Autophagy Protects From Uremic Vascular Media Calcification. <i>Frontiers in Immunology</i> , 2018, 9, 1866.	2.2	40

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55	Sphingosine Kinase 2 Modulates Retinal Neovascularization in the Mouse Model of Oxygen-Induced Retinopathy. , 2018, 59, 653.		14
56	NoxO1 Controls Proliferation of Colon Epithelial Cells. <i>Frontiers in Immunology</i> , 2018, 9, 973.	2.2	27
57	Redox Regulation Beyond ROS. <i>Circulation Research</i> , 2018, 123, 326-328.	2.0	25
58	Myocardial NADPH oxidase-4 regulates the physiological response to acute exercise. <i>ELife</i> , 2018, 7, .	2.8	44
59	NLRP3 inflammasome blockade reduces liver inflammation and fibrosis in experimental NASH in mice. <i>Journal of Hepatology</i> , 2017, 66, 1037-1046.	1.8	738
60	NOX4 Regulates CCR2 and CCL2 mRNA Stability in Alcoholic Liver Disease. <i>Scientific Reports</i> , 2017, 7, 46144.	1.6	15
61	Vascular CXCR4 Limits Atherosclerosis by Maintaining Arterial Integrity. <i>Circulation</i> , 2017, 136, 388-403.	1.6	128
62	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). <i>Redox Biology</i> , 2017, 13, 94-162.	3.9	242
63	Knock out of the NADPH oxidase Nox4 has no impact on life span in mice. <i>Redox Biology</i> , 2017, 11, 312-314.	3.9	22
64	Redox-guided axonal regrowth requires cyclic GMP dependent protein kinase 1: Implication for neuropathic pain. <i>Redox Biology</i> , 2017, 11, 176-191.	3.9	23
65	NADPH oxidase 4 modulates hepatic responses to lipopolysaccharide mediated by Toll-like receptor-4. <i>Scientific Reports</i> , 2017, 7, 14346.	1.6	27
66	Lung Ischaemiaâ€œReperfusion Injury: The Role of Reactive Oxygen Species. <i>Advances in Experimental Medicine and Biology</i> , 2017, 967, 195-225.	0.8	29
67	Assay to visualize specific protein oxidation reveals spatio-temporal regulation of SHP2. <i>Nature Communications</i> , 2017, 8, 466.	5.8	43
68	Organizers and activators: Cytosolic Nox proteins impacting on vascular function. <i>Free Radical Biology and Medicine</i> , 2017, 109, 22-32.	1.3	58
69	NoxO1 contributes to the differentiation of intestinal stem cells. <i>Free Radical Biology and Medicine</i> , 2017, 108, S75.	1.3	0
70	[BP.10.02] NOX4 DEFICIENCY LEADS TO HYPERTENSION AND VASCULAR-RENAL FIBROSIS WITH ENHANCED EFFECTS IN ANG II-DEPENDENT HYPERTENSION. <i>Journal of Hypertension</i> , 2017, 35, e345.	0.3	0
71	Tissue engineered vascularized periosteal flap enriched with MSC/EPCs for the treatment of large bone defects in rats. <i>International Journal of Molecular Medicine</i> , 2017, 39, 907-917.	1.8	14
72	A Bak-dependent mitochondrial amplification step contributes to Smac mimetic/glucocorticoid-induced necroptosis. <i>Cell Death and Differentiation</i> , 2017, 24, 83-97.	5.0	47

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73	Cytochrome P450 enzymes but not NADPH oxidases are the source of the NADPH-dependent lucigenin chemiluminescence in membrane assays. <i>Free Radical Biology and Medicine</i> , 2017, 102, 57-66.	1.3	37
74	Targeting of NADPH oxidase in vitro and in vivo suppresses fibroblast activation and experimental skin fibrosis. <i>Experimental Dermatology</i> , 2017, 26, 73-81.	1.4	30
75	Redox Control of Renal Metabolism and Transport Function by the NADPH Oxidase Nox4. <i>Free Radical Biology and Medicine</i> , 2017, 112, 174.	1.3	13
76	Nox4 reprograms cardiac substrate metabolism via protein O-GlcNAcylation to enhance stress adaptation. <i>JCI Insight</i> , 2017, 2, .	2.3	42
77	Mutant desmin substantially perturbs mitochondrial morphology, function and maintenance in skeletal muscle tissue. <i>Acta Neuropathologica</i> , 2016, 132, 453-473.	3.9	57
78	The NADPH Oxidase Nox4 mediates tumour angiogenesis. <i>Acta Physiologica</i> , 2016, 216, 435-446.	1.8	45
79	Targeted redox inhibition of protein phosphatase 1 by Nox4 regulates eIF2 α -mediated stress signaling. <i>EMBO Journal</i> , 2016, 35, 319-334.	3.5	91
80	NADPH oxidase 4 attenuates cerebral artery changes during the progression of Marfan syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H1081-H1090.	1.5	13
81	CRISPR/Cas9-mediated knockout of p22phox leads to loss of Nox1 and Nox4, but not Nox5 activity. <i>Redox Biology</i> , 2016, 9, 287-295.	3.9	33
82	NADPH Oxidase 4 is Not Involved in Hypoxia-Induced Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2016, 6, 397-400.	0.8	32
83	The NADPH Oxidase Nox2 Mediates Vitamin D-Induced Vascular Regeneration in Male Mice. <i>Endocrinology</i> , 2016, 157, 4032-4040.	1.4	8
84	The Cytosolic NADPH Oxidase Subunit NoxO1 Promotes an Endothelial Stalk Cell Phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1558-1565.	1.1	26
85	Bimodal role of NADPH oxidases in the regulation of biglycan-triggered IL-1 β synthesis. <i>Matrix Biology</i> , 2016, 49, 61-81.	1.5	49
86	Treatment of Large Bone Defects with a Vascularized Periosteal Flap in Combination with Biodegradable Scaffold Seeded with Bone Marrow-Derived Mononuclear Cells: An Experimental Study in Rats. <i>Tissue Engineering - Part A</i> , 2016, 22, 133-141.	1.6	32
87	NOX4-driven ROS formation mediates PTP inactivation and cell transformation in FLT3ITD-positive AML cells. <i>Leukemia</i> , 2016, 30, 473-483.	3.3	54
88	Unchanged NADPH Oxidase Activity in Nox1-Nox2-Nox4 Triple Knockout Mice: What Do NADPH-Stimulated Chemiluminescence Assays Really Detect?. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 392-399.	2.5	52
89	Nicotinamide Adenine Dinucleotide Phosphate Oxidase-Dependent Upregulation of Nuclear Factor Erythroid-Derived 2-Like 2 Protects the Heart During Chronic Pressure Overload. <i>Hypertension</i> , 2015, 65, 547-553.	1.3	64
90	NADPH oxidases in bone homeostasis and osteoporosis. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 25-38.	2.4	50

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91	Nox4 supports proper capillary growth in exercise and retina neo-vascularization. <i>Journal of Physiology</i> , 2015, 593, 2145-2154.	1.3	30
92	Response to Letter Regarding Article, "Vitamin D Promotes Vascular Regeneration". <i>Circulation</i> , 2015, 131, e515-6.	1.6	0
93	Loss of Nrf2 in bone marrow-derived macrophages impairs antigen-driven CD8+ T cell function by limiting GSH and Cys availability. <i>Free Radical Biology and Medicine</i> , 2015, 83, 77-88.	1.3	39
94	Hepatocyte Nicotinamide Adenine Dinucleotide Phosphate Reduced Oxidase 4 Regulates Stress Signaling, Fibrosis, and Insulin Sensitivity During Development of Steatohepatitis in Mice. <i>Gastroenterology</i> , 2015, 149, 468-480.e10.	0.6	136
95	The NADPH oxidase Nox4 has anti-atherosclerotic functions. <i>European Heart Journal</i> , 2015, 36, 3447-3456.	1.0	150
96	NADPH oxidase 4 regulates homocysteine metabolism and protects against acetaminophen-induced liver damage in mice. <i>Free Radical Biology and Medicine</i> , 2015, 89, 918-930.	1.3	27
97	Deficient angiogenesis in redox-dead Cys17Ser PKAR1± knock-in mice. <i>Nature Communications</i> , 2015, 6, 7920.	5.8	41
98	NOX4-dependent Hydrogen peroxide promotes shear stress-induced SHP2 sulfenylation and eNOS activation. <i>Free Radical Biology and Medicine</i> , 2015, 89, 419-430.	1.3	35
99	Response to Pagano et al.. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1247-1249.	2.5	1
100	Nox4 Is Dispensable for Exercise Induced Muscle Fibre Switch. <i>PLoS ONE</i> , 2015, 10, e0130769.	1.1	15
101	Oleoyl-Lysophosphatidylcholine Limits Endothelial Nitric Oxide Bioavailability by Induction of Reactive Oxygen Species. <i>PLoS ONE</i> , 2014, 9, e113443.	1.1	16
102	Vitamin D Promotes Vascular Regeneration. <i>Circulation</i> , 2014, 130, 976-986.	1.6	91
103	NOXious Phosphorylation. <i>Circulation Research</i> , 2014, 115, 898-900.	2.0	4
104	SYNCRIP-Dependent Nox2 mRNA Destabilization Impairs ROS Formation in M2-Polarized Macrophages. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2483-2497.	2.5	35
105	NADPH Oxidases in Redox Regulation of Cell Adhesion and Migration. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2043-2058.	2.5	47
106	Nox Family NADPH Oxidases in Mechano-Transduction: Mechanisms and Consequences. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 887-898.	2.5	68
107	Nox family NADPH oxidases: Molecular mechanisms of activation. <i>Free Radical Biology and Medicine</i> , 2014, 76, 208-226.	1.3	546
108	Nox2-dependent signaling between macrophages and sensory neurons contributes to neuropathic pain hypersensitivity. <i>Pain</i> , 2014, 155, 2161-2170.	2.0	55

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109	Redox-mediated signal transduction by cardiovascular Nox NADPH oxidases. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 73, 70-79.	0.9	81
110	NOXious signaling in pain processing. , 2013, 137, 309-317.		76
111	NADPH oxidase 4 limits bone mass by promoting osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2013, 123, 4731-4738.	3.9	142
112	Monoamine Oxidases Are Mediators of Endothelial Dysfunction in the Mouse Aorta. <i>Hypertension</i> , 2013, 62, 140-146.	1.3	78
113	Response to the Letter by Schmidt et al Regarding "Nox4 Is a Janus-Faced Reactive Oxygen Species Generating NADPH Oxidase". <i>Circulation Research</i> , 2012, 111, .	2.0	0
114	Leptin Potentiates Endothelium-Dependent Relaxation by Inducing Endothelial Expression of Neuronal NO Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1605-1612.	1.1	49
115	NADPH Oxidase-4 Maintains Neuropathic Pain after Peripheral Nerve Injury. <i>Journal of Neuroscience</i> , 2012, 32, 10136-10145.	1.7	94
116	Antibiotic-Impregnated Bone Grafts in Orthopaedic and Trauma Surgery: A Systematic Review of the Literature. <i>International Journal of Biomaterials</i> , 2012, 2012, 1-9.	1.1	35
117	Integrin $\alpha_7\beta_1$ is a redox-regulated target of hydrogen peroxide in vascular smooth muscle cell adhesion. <i>Free Radical Biology and Medicine</i> , 2012, 53, 521-531.	1.3	47
118	Role of Nox4 in murine models of kidney disease. <i>Free Radical Biology and Medicine</i> , 2012, 53, 842-853.	1.3	131
119	Nox4 Is a Protective Reactive Oxygen Species Generating Vascular NADPH Oxidase. <i>Circulation Research</i> , 2012, 110, 1217-1225.	2.0	540
120	Activation of thromboxane receptor modulates interleukin-1 β -induced monocyte adhesion—a novel role of Nox1. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1760-1766.	1.3	15
121	Liver fibrosis and hepatocyte apoptosis are attenuated by GKT137831, a novel NOX4/NOX1 inhibitor in vivo. <i>Free Radical Biology and Medicine</i> , 2012, 53, 289-296.	1.3	220
122	The Nox Family of NADPH Oxidases: Friend or Foe of the Vascular System?. <i>Current Hypertension Reports</i> , 2012, 14, 70-78.	1.5	122
123	Hepatocyte Growth Factor Induces a Proangiogenic Phenotype and Mobilizes Endothelial Progenitor Cells by Activating Nox2. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 915-923.	2.5	52
124	Nox4 Controls Bone Mass by Regulation of Osteoclastogenesis. <i>Free Radical Biology and Medicine</i> , 2011, 51, S97.	1.3	0
125	Inhibition of the JAK-2/STAT3 signaling pathway impedes the migratory and invasive potential of human glioblastoma cells. <i>Journal of Neuro-Oncology</i> , 2011, 101, 393-403.	1.4	112
126	Levosimendan attenuates pulmonary vascular remodeling. <i>Intensive Care Medicine</i> , 2011, 37, 1368-1377.	3.9	52

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127	The E-loop Is Involved in Hydrogen Peroxide Formation by the NADPH Oxidase Nox4. <i>Journal of Biological Chemistry</i> , 2011, 286, 13304-13313.	1.6	445
128	No Superoxideâ€”No Stress?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1255-1257.	1.1	44
129	NADPH oxidase Nox1 contributes to ischemic injury in experimental stroke in mice. <i>Neurobiology of Disease</i> , 2010, 40, 185-192.	2.1	84
130	NADPH oxidases in cardiovascular disease. <i>Free Radical Biology and Medicine</i> , 2010, 49, 687-706.	1.3	241
131	NADPH oxidase-4 mediates protection against chronic load-induced stress in mouse hearts by enhancing angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18121-18126.	3.3	401
132	Nox4 is a Novel Inducible Source of Reactive Oxygen Species in Monocytes and Macrophages and Mediates Oxidized Low Density Lipoproteinâ€”Induced Macrophage Death. <i>Circulation Research</i> , 2010, 106, 1489-1497.	2.0	145
133	Isoform specific functions of Nox protein-derived reactive oxygen species in the vasculature. <i>Current Opinion in Pharmacology</i> , 2010, 10, 122-126.	1.7	39
134	Nox4 Acts as a Switch Between Differentiation and Proliferation in Preadipocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 239-245.	1.1	228
135	NADPH Oxidase Nox2 Is Required for Hypoxia-Induced Mobilization of Endothelial Progenitor Cells. <i>Circulation Research</i> , 2009, 105, 537-544.	2.0	105
136	NADPH oxidases are responsible for the failure of nitric oxide to inhibit migration of smooth muscle cells exposed to high glucose. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1578-1583.	1.3	32
137	Identification of Structural Elements in Nox1 and Nox4 Controlling Localization and Activity. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1279-1287.	2.5	129
138	Composition and Functions of Vascular Nicotinamide Adenine Dinucleotide Phosphate Oxidases. <i>Trends in Cardiovascular Medicine</i> , 2008, 18, 15-19.	2.3	58
139	Apocynin Is Not an Inhibitor of Vascular NADPH Oxidases but an Antioxidant. <i>Hypertension</i> , 2008, 51, 211-217.	1.3	677
140	Differential vascular functions of Nox family NADPH oxidases. <i>Current Opinion in Lipidology</i> , 2008, 19, 513-518.	1.2	75
141	Nox1 Mediates Basic Fibroblast Growth Factor-Induced Migration of Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1736-1743.	1.1	134
142	Nox1 mediates basic fibroblast growth factor-induced smooth muscle cells migration. <i>Vascular Pharmacology</i> , 2006, 45, e72.	1.0	0
143	Xanthine oxidase inhibitor tungsten prevents the development of atherosclerosis in ApoE knockout mice fed a Western-type diet. <i>Free Radical Biology and Medicine</i> , 2006, 41, 1353-1360.	1.3	76
144	Interferon-Î± inhibits interleukin-3-induced proliferation of Ba/F3 cells in a protein kinase R-dependent manner. <i>Cellular Signalling</i> , 2004, 16, 167-174.	1.7	0

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145	Nox1 Mediates Basic Fibroblast Growth Factor-induced Vascular Smooth Muscle Cell Migration. , 0, 2006, .		2