Kathy K Griendling

List of Publications by Year
in descending order

217 papers	46,017 citations	3731 89 h-index	2243 201 g-index
224 all docs	224 docs citations	224 times ranked	30624 citing authors

#	Article	IF	Citations
1	Endothelial Poldip2 regulates sepsis-induced lung injury via Rho pathway activation. Cardiovascular Research, 2022, 118, 2506-2518.	3.8	6
2	NADPH Oxidase 1 Mediates Acute Blood Pressure Response to Angiotensin II by Contributing to Calcium Influx in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 101161ATVBAHA121317239.	2.4	14
3	Myeloid Poldip2 Contributes to the Development of Pulmonary Inflammation by Regulating Neutrophil Adhesion in a Murine Model of Acute Respiratory Distress Syndrome. Journal of the American Heart Association, 2022, 11, e025181.	3.7	2
4	The effects of sepsis on endothelium and clinical implications. Cardiovascular Research, 2021, 117, 60-73.	3.8	86
5	Î²1- and Î²2-integrins: central players in regulating vascular permeability and leukocyte recruitment during acute inflammation. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H734-H739.	3.2	27
6	Poldip2 controls leukocyte infiltration into the ischemic brain by regulating focal adhesion kinase-mediated VCAM-1 induction. Scientific Reports, 2021, 11, 5533.	3.3	10
7	Oxidative Stress and Hypertension. Circulation Research, 2021, 128, 993-1020.	4.5	188
8	Characterization of Poldip2 knockout mice: Avoiding incorrect gene targeting. PLoS ONE, 2021, 16, e0247261.	2.5	3
9	Severe Acute Respiratory Syndrome Coronavirus 2, COVID-19, and the Renin-Angiotensin System. Hypertension, 2020, 76, 1350-1367.	2.7	46
10	Prominent Contribution of Hydrogen Peroxide to Intracellular Reactive Oxygen Species Generated upon Exposure to Naphthalene Secondary Organic Aerosols. Environmental Science and Technology Letters, 2020, 7, 171-177.	8.7	22
11	An acceleration in hypertension-related mortality for middle-aged and older Americans, 1999-2016: An observational study. PLoS ONE, 2020, 15, e0225207.	2.5	16
12	VE-cadherin endocytosis controls vascular integrity and patterning during development. Journal of Cell Biology, 2020, 219, .	5.2	34
13	The interdependent effects of cholesterol and substrate stiffness on vascular smooth muscle cell biomechanics. Cardiovascular Research, 2019, 115, 1262-1263.	3.8	5
14	Polymerase-Î´-interacting protein 2 activates the RhoGEF epithelial cell transforming sequence 2 in vascular smooth muscle cells. American Journal of Physiology - Cell Physiology, 2019, 316, C621-C631.	4.6	10
15	Poldip2 mediates blood-brain barrier disruption in a model of sepsis-associated encephalopathy. Journal of Neuroinflammation, 2019, 16, 241.	7.2	50
16	Poldip2 deficiency protects against lung edema and vascular inflammation in a model of acute respiratory distress syndrome. Clinical Science, 2019, 133, 321-334.	4.3	18
17	Poldip2 knockdown inhibits vascular smooth muscle proliferation and neointima formation by regulating the expression of PCNA and p21. Laboratory Investigation, 2019, 99, 387-398.	3.7	15
18	Platelet microRNAs and vascular injury. Journal of Clinical Investigation, 2019, 129, 962-964.	8.2	5

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19	Poldip2 is an oxygen-sensitive protein that controls PDH and Î±KGDH lipoylation and activation to support metabolic adaptation in hypoxia and cancer. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1789-1794.	7.1	52
20	Design, synthesis, and biological evaluation of inhibitors of the NADPH oxidase, Nox4. Bioorganic and Medicinal Chemistry, 2018, 26, 989-998.	3.0	23
21	Polymerase delta-interacting protein 2 deficiency protects against blood-brain barrier permeability in the ischemic brain. Journal of Neuroinflammation, 2018, 15, 45.	7.2	23
22	Reactive Oxygen Species in Metabolic and Inflammatory Signaling. Circulation Research, 2018, 122, 877-902.	4.5	1,212
23	NOX4 (NADPH Oxidase 4) and Poldip2 (Polymerase Î´-Interacting Protein 2) Induce Filamentous Actin Oxidation and Promote Its Interaction With Vinculin During Integrin-Mediated Cell Adhesion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2423-2434.	2.4	25
24	High Salt Enhances Reactive Oxygen Species and Angiotensin II Contractions of Glomerular Afferent Arterioles From Mice With Reduced Renal Mass. Hypertension, 2018, 72, 1208-1216.	2.7	31
25	NADPH Oxidases and Measurement of Reactive Oxygen Species. Methods in Molecular Biology, 2017, 1527, 219-232.	0.9	10
26	Superoxide and hydrogen peroxide counterregulate myogenic contractions in renal afferent arterioles from a mouse model of chronic kidney disease. Kidney International, 2017, 92, 625-633.	5.2	20
27	Polymerase Î´-interacting Protein 2: A Multifunctional Protein. Journal of Cardiovascular Pharmacology, 2017, 69, 335-342.	1.9	27
28	Zinc regulates Nox1 expression through a NF-ÎºB and mitochondrial ROS dependent mechanism to induce senescence of vascular smooth muscle cells. Free Radical Biology and Medicine, 2017, 108, 225-235.	2.9	66
29	Redox regulation of the actin cytoskeleton and its role in the vascular system. Free Radical Biology and Medicine, 2017, 109, 84-107.	2.9	85
30	FGF Suppresses Poldip2 Expression in Osteoblasts. Journal of Cellular Biochemistry, 2017, 118, 1670-1677.	2.6	6
31	Mitochondrial Respiration and Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2229-2230.	2.4	6
32	Cyclic Strain and Hypertension Increase Osteopontin Expression in the Aorta. Cellular and Molecular Bioengineering, 2017, 10, 144-152.	2.1	12
33	Fundamental Cardiovascular Research: Returns on Societal Investment: A Scientific Statement From the American Heart Association. Circulation Research, 2017, 121, e2-e8.	4.5	5
34	NOX4-derived reactive oxygen species limit fibrosis and inhibit proliferation of vascular smooth muscle cells in diabetic atherosclerosis. Free Radical Biology and Medicine, 2016, 97, 556-567.	2.9	55
35	Measurement of Reactive Oxygen Species, Reactive Nitrogen Species, and Redox-Dependent Signaling in the Cardiovascular System. Circulation Research, 2016, 119, e39-75.	4.5	290
36	Polymerase delta-interacting protein 2 regulates collagen accumulation via activation of the Akt/mTOR pathway in vascular smooth muscle cells. Journal of Molecular and Cellular Cardiology, 2016, 92, 21-29.	1.9	17

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37	Redox-Sensitive Regulation of Myocardin-Related Transcription Factor (MRTF-A) Phosphorylation via Palladin in Vascular Smooth Muscle Cell Differentiation Marker Gene Expression. PLoS ONE, 2016, 11, e0153199.	2.5	21
38	Regulation of Signal Transduction by Reactive Oxygen Species in the Cardiovascular System. Circulation Research, 2015, 116, 531-549.	4.5	397
39	Nuclear Factor (Erythroidâ€“Derived 2)-Like 2, the Brake in Oxidative Stress That Nicotinamide Adenine Dinucleotide Phosphate-Oxidase-4 Needs to Protect the Heart. Hypertension, 2015, 65, 499-501.	2.7	5
40	Hic-5 Mediates TGFÎ²â€“Induced Adhesion in Vascular Smooth Muscle Cells by a Nox4-Dependent Mechanism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 1198-1206.	2.4	17
41	Chemiluminescence and the Nox1-Nox2-Nox4 Triple Knockout. Antioxidants and Redox Signaling, 2015, 23, 1246-1247.	5.4	1
42	Hydrogen Peroxide Regulates Osteopontin Expression through Activation of Transcriptional and Translational Pathways. Journal of Biological Chemistry, 2014, 289, 275-285.	3.4	22
43	Prevention of Abdominal Aortic Aneurysm by Antiâ€“MicroRNA-712 or Antiâ€“MicroRNA-205 in Angiotensin IIâ€“Infused Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1412-1421.	2.4	90
44	Poldip2 controls vascular smooth muscle cell migration by regulating focal adhesion turnover and force polarization. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H945-H957.	3.2	56
45	Polymerase Î´-Interacting Protein 2 Promotes Postischemic Neovascularization of the Mouse Hindlimb. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1548-1555.	2.4	21
46	Angiotensin II, From Vasoconstrictor to Growth Factor. Circulation Research, 2014, 114, 754-757.	4.5	40
47	NADPH Oxidases: Progress and Opportunities. Antioxidants and Redox Signaling, 2014, 20, 2692-2694.	5.4	16
48	Nox2-Induced Production of Mitochondrial Superoxide in Angiotensin II-Mediated Endothelial Oxidative Stress and Hypertension. Antioxidants and Redox Signaling, 2014, 20, 281-294.	5.4	248
49	RhoA/Rho kinase mediates TGF-Î²₁-induced kidney myofibroblast activation through Poldip2/Nox4-derived reactive oxygen species. American Journal of Physiology - Renal Physiology, 2014, 307, F159-F171.	2.7	112
50	Poldip2 Knockout Results in Perinatal Lethality, Reduced Cellular Growth and Increased Autophagy of Mouse Embryonic Fibroblasts. PLoS ONE, 2014, 9, e96657.	2.5	39
51	The bone morphogenic protein inhibitor, noggin, reduces glycemia and vascular inflammation in <i>db/db</i> mice. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H747-H755.	3.2	24
52	Anti-Inflammatory and Antiatherogenic Role of BMP Receptor II in Endothelial Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1350-1359.	2.4	81
53	Polymerase Delta Interacting Protein 2 Sustains Vascular Structure and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2154-2161.	2.4	58
54	Vascular Smooth Muscle. , 2013, , 25-42.		3

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55	Transforming Growth Factor Î² Inhibits Platelet Derived Growth Factor-Induced Vascular Smooth Muscle Cell Proliferation via Akt-Independent, Smad-Mediated Cyclin D1 Downregulation. PLoS ONE, 2013, 8, e79657.	2.5	32
56	Effects of the antioxidant drug tempol on renal oxygenation in mice with reduced renal mass. American Journal of Physiology - Renal Physiology, 2012, 303, F64-F74.	2.7	36
57	Role of Coronin 1B in PDGF-Induced Migration of Vascular Smooth Muscle Cells. Circulation Research, 2012, 111, 56-65.	4.5	23
58	Increased Expression of Nox1 in Neointimal Smooth Muscle Cells Promotes Activation of Matrix Metalloproteinase-9. Journal of Vascular Research, 2012, 49, 242-248.	1.4	36
59	Molecular Pathways of Smooth Muscle Disease. , 2012, , 1279-1287.		1
60	Differential roles of NADPH oxidases in vascular physiology and pathophysiology. Frontiers in Bioscience - Scholar, 2012, S4, 1044-1064.	2.1	34
61	Biochemistry, Physiology, and Pathophysiology of NADPH Oxidases in the Cardiovascular System. Circulation Research, 2012, 110, 1364-1390.	4.5	669
62	Career Development of Physician Scientists: A Survey of Leaders in Academic Medicine. American Journal of Medicine, 2011, 124, 779-787.	1.5	48
63	Combating oxidative stress in vascular disease: NADPH oxidases as therapeutic targets. Nature Reviews Drug Discovery, 2011, 10, 453-471.	46.4	763
64	Mechanical stretch augments insulin-induced vascular smooth muscle cell proliferation by insulin-like growth factor-1 receptor. Experimental Cell Research, 2011, 317, 2420-2428.	2.6	33
65	NADPH oxidase 4 mediates TGF-Î²-induced smooth muscle Î±-actin via p38MAPK and serum response factor. Free Radical Biology and Medicine, 2011, 50, 354-362.	2.9	83
66	Oxidases and peroxidases in cardiovascular and lung disease: New concepts in reactive oxygen species signaling. Free Radical Biology and Medicine, 2011, 51, 1271-1288.	2.9	218
67	Kathy Griendling: A Modest Molecular Biologist. Circulation Research, 2011, 108, 789-791.	4.5	0
68	Platelet-derived Growth Factor (PDGF) Regulates Slingshot Phosphatase Activity via Nox1-dependent Auto-dephosphorylation of Serine 834 in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2011, 286, 35430-35437.	3.4	32
69	Vascular smooth muscle insulin resistance, but not hypertrophic signaling, is independent of angiotensin II-induced IRS-1 phosphorylation by JNK. American Journal of Physiology - Cell Physiology, 2011, 301, C1415-C1422.	4.6	13
70	NADPH Oxidases: Functions and Pathologies in the Vasculature. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 653-661.	2.4	523
71	Reactive Oxygen Species, NADPH Oxidases, and Hypertension. Hypertension, 2010, 56, 325-330.	2.7	128
72	Angiotensin II and NADPH Oxidase Increase ADMA in Vascular Smooth Muscle Cells. Hypertension, 2010, 56, 498-504.	2.7	71

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73	Redox Control of Vascular Smooth Muscle Migration. Antioxidants and Redox Signaling, 2010, 12, 625-640.	5.4	76
74	Upregulation of Nox1 in vascular smooth muscle leads to impaired endothelium-dependent relaxation via eNOS uncoupling. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H673-H679.	3.2	157
75	Oxidative Stress and Cardiovascular Disease in Diabetes Mellitus. , 2010, , 263-279.		5
76	Nox1â€mediated activation of Slingshot phosphatase in VSMC. FASEB Journal, 2010, 24, lb185.	0.5	0
77	PDGFâ€induced Vascular Smooth Muscle Cell Migration is Regulated by Coronin 1b. FASEB Journal, 2010, 24, 603.6.	0.5	1
78	Insulin-Like Growth Factor-1 Receptor Expression Masks the Antiinflammatory and Glucose Uptake Capacity of Insulin in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 408-415.	2.4	42
79	Poldip2, a Novel Regulator of Nox4 and Cytoskeletal Integrity in Vascular Smooth Muscle Cells. Circulation Research, 2009, 105, 249-259.	4.5	386
80	Mechanisms of Vascular Smooth Muscle NADPH Oxidase 1 (Nox1) Contribution to Injury-Induced Neointimal Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 480-487.	2.4	211
81	Hydrogen peroxide down-regulates inositol 1,4,5-trisphosphate receptor content through proteasome activation. Free Radical Biology and Medicine, 2009, 47, 1362-1370.	2.9	16
82	Nox proteins in signal transduction. Free Radical Biology and Medicine, 2009, 47, 1239-1253.	2.9	744
83	NADPH oxidases and angiotensin II receptor signaling. Molecular and Cellular Endocrinology, 2009, 302, 148-158.	3.2	321
84	NADPH Oxidases: Molecular Understanding Finally Reaching the Clinical Level?. Antioxidants and Redox Signaling, 2009, 11, 2365-2370.	5.4	39
85	Regulation of the ADMA/PRMT/DDAH pathway in vascular smooth muscle cells by the p22phox component of NADPH oxidase. FASEB Journal, 2009, 23, 803.2.	0.5	0
86	Nox5 mediates PDGF-induced proliferation in human aortic smooth muscle cells. Free Radical Biology and Medicine, 2008, 45, 329-335.	2.9	151
87	Distinct roles of Nox1 and Nox4 in basal and angiotensin II-stimulated superoxide and hydrogen peroxide production. Free Radical Biology and Medicine, 2008, 45, 1340-1351.	2.9	342
88	Dual Regulation of Cofilin Activity by LIM Kinase and Slingshot-1L Phosphatase Controls Platelet-Derived Growth Factorâ€“Induced Migration of Human Aortic Smooth Muscle Cells. Circulation Research, 2008, 102, 432-438.	4.5	61
89	Redox Signaling, Vascular Function, and Hypertension. Antioxidants and Redox Signaling, 2008, 10, 1045-1059.	5.4	219
90	Nox4 NAD(P)H Oxidase Mediates Src-dependent Tyrosine Phosphorylation of PDK-1 in Response to Angiotensin II. Journal of Biological Chemistry, 2008, 283, 24061-24076.	3.4	123

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91	Angiotensin II Signaling in Vascular Physiology and Pathophysiology. , 2008, , 89-115.		0
92	Reactive oxygen species-selective regulation of aortic inflammatory gene expression in Type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2073-H2082.	3.2	117
93	Vitamin E reduces glomerulosclerosis, restores renal neuronal NOS, and suppresses oxidative stress in the 5/6 nephrectomized rat. American Journal of Physiology - Renal Physiology, 2007, 292, F1404-F1410.	2.7	85
94	Mycophenolic Acid Is a New Nox2 Inhibitor. Hypertension, 2007, 49, 25-26.	2.7	7
95	Role of the Multidrug Resistance Protein-1 in Hypertension and Vascular Dysfunction Caused by Angiotensin II. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 762-768.	2.4	86
96	Nox4 Is Required for Maintenance of the Differentiated Vascular Smooth Muscle Cell Phenotype. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 42-48.	2.4	296
97	NADPH Oxidase Inhibitors: New Antihypertensive Agents?. Journal of Cardiovascular Pharmacology, 2007, 50, 9-16.	1.9	142
98	Differential effects of AT1 receptor and Ca2+ channel blockade on atherosclerosis, inflammatory gene expression, and production of reactive oxygen species. Atherosclerosis, 2007, 195, 39-47.	0.8	46
99	Angiotensin II cell signaling: physiological and pathological effects in the cardiovascular system. American Journal of Physiology - Cell Physiology, 2007, 292, C82-C97.	4.6	1,589
100	Measurement of Reactive Oxygen Species in Cardiovascular Studies. Hypertension, 2007, 49, 717-727.	2.7	457
101	Detection of Reactive Oxygen Species and Nitric Oxide in Vascular Cells and Tissues. Methods in Molecular Medicine, 2007, 139, 293-311.	0.8	50
102	Nox1-based NADPH oxidase-derived superoxide is required for VSMC activation by advanced glycation end-products. Free Radical Biology and Medicine, 2007, 42, 1671-1679.	2.9	98
103	Basic Mechanisms of Oxidative Stress and Reactive Oxygen Species in Cardiovascular Injury. Trends in Cardiovascular Medicine, 2007, 17, 48-54.	4.9	282
104	Overexpression of Akt converts radial growth melanoma to vertical growth melanoma. Journal of Clinical Investigation, 2007, 117, 719-729.	8.2	246
105	NADPH Oxidases: New Regulators of Old Functions. Antioxidants and Redox Signaling, 2006, 8, 1443-1445.	5.4	42
106	Oxidative stress and diabetic cardiovascular complications. Free Radical Biology and Medicine, 2006, 40, 183-192.	2.9	392
107	Nox is playing with a full deck in vascular smooth muscle. Free Radical Biology and Medicine, 2006, 41, 185-187.	2.9	6
108	Lack of Long-Term Protective Effect of Antioxidant/Anti-Inflammatory Therapy in Transplant-Induced Ischemia/Reperfusion Injury. American Journal of Nephrology, 2006, 26, 213-217.	3.1	9

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109	RNA Silencing In Vivo Reveals Role of p22 ^{phox} in Rat Angiotensin Slow Pressor Response. Hypertension, 2006, 47, 238-244.	2.7	122
110	Modulation of Vascular Smooth Muscle Signaling by Reactive Oxygen Species. Physiology, 2006, 21, 269-280.	3.1	208
111	Reactive oxygen species signaling in vascular smooth muscle cells. Cardiovascular Research, 2006, 71, 216-225.	3.8	298
112	The Effects of Smooth Muscleâ€Targeted Nox1â€Overexpression in the Development of Hypoxiaâ€Mediated Pulmonary Hypertension. FASEB Journal, 2006, 20, A402.	0.5	0
113	Differential effects of diabetes on the expression of the gp91phox homologues nox1 and nox4. Free Radical Biology and Medicine, 2005, 39, 381-391.	2.9	115
114	Angiotensin II-induced hypertrophy is potentiated in mice overexpressing p22phox in vascular smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H37-H42.	3.2	90
115	Peroxisome proliferator-activated receptor-Î³ ligands regulate endothelial membrane superoxide production. American Journal of Physiology - Cell Physiology, 2005, 288, C899-C905.	4.6	244
116	Hemodynamic and biochemical adaptations to vascular smooth muscle overexpression of p22phox in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H7-H12.	3.2	77
117	Resveratrol Inhibits Angiotensin II- and Epidermal Growth Factor-Mediated Akt Activation: Role of Gab1 and Shp2. Molecular Pharmacology, 2005, 68, 41-48.	2.3	42
118	ATVB In Focus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 272-273.	2.4	20
119	Vascular Hypertrophy in Angiotensin IIâ€“Induced Hypertension Is Mediated by Vascular Smooth Muscle Cellâ€“Derived H ₂ O ₂. Hypertension, 2005, 46, 732-737.	2.7	131
120	Nox1 Overexpression Potentiates Angiotensin II-Induced Hypertension and Vascular Smooth Muscle Hypertrophy in Transgenic Mice. Circulation, 2005, 112, 2668-2676.	1.6	396
121	Circulation Research Editorsâ€™ Annual Report for 2004. Circulation Research, 2005, 96, 269-271.	4.5	0
122	Mechanisms of Reactive Oxygen Speciesâ€“Dependent Downregulation of Insulin Receptor Substrate-1 by Angiotensin II. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1142-1147.	2.4	104
123	Direct Interaction of the Novel Nox Proteins with p22phox Is Required for the Formation of a Functionally Active NADPH Oxidase. Journal of Biological Chemistry, 2004, 279, 45935-45941.	3.4	468
124	Phosphoinositide-Dependent Kinase 1 and p21-Activated Protein Kinase Mediate Reactive Oxygen Speciesâ€“Dependent Regulation of Platelet-Derived Growth Factorâ€“Induced Smooth Muscle Cell Migration. Circulation Research, 2004, 94, 1219-1226.	4.5	152
125	C242T<i>CYBA</i>Polymorphism of the NADPH Oxidase Is Associated With Reduced Respiratory Burst in Human Neutrophils. Hypertension, 2004, 43, 1246-1251.	2.7	121
126	Bone Morphogenic Protein 4 Produced in Endothelial Cells by Oscillatory Shear Stress Induces Monocyte Adhesion by Stimulating Reactive Oxygen Species Production From a Nox1-Based NADPH Oxidase. Circulation Research, 2004, 95, 773-779.	4.5	350

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127	Role of p38 MAPK and MAPKAPK-2 in angiotensin II-induced Akt activation in vascular smooth muscle cells. American Journal of Physiology - Cell Physiology, 2004, 287, C494-C499.	4.6	107
128	Functional association of nox1 with p22phox in vascular smooth muscle cells. Free Radical Biology and Medicine, 2004, 37, 1542-1549.	2.9	73
129	Oxidative stress and diabetic vascular complications. Current Diabetes Reports, 2004, 4, 247-252.	4.2	81
130	Distinct Subcellular Localizations of Nox1 and Nox4 in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 677-683.	2.4	533
131	Thrombin: beyond coagulation. Journal of Molecular and Cellular Cardiology, 2004, 36, 13-15.	1.9	1
132	Reactive oxygen species in hypertension*1An update. American Journal of Hypertension, 2004, 17, 852-860.	2.0	311
133	Circulation Research Editorsâ€™ Yearly Report: 2003. Circulation Research, 2004, 94, 129-131.	4.5	0
134	Role of oxidative stress in atherosclerosis. American Journal of Cardiology, 2003, 91, 7-11.	1.6	1,073
135	The Yin/Yang of superoxide dismutase mimetics: potential cardiovascular therapies?. British Journal of Pharmacology, 2003, 139, 1059-1060.	5.4	6
136	Oxidative Stress and Cardiovascular Injury. Circulation, 2003, 108, 1912-1916.	1.6	800
137	Reactive Oxygen Species in the Vasculature. Hypertension, 2003, 42, 1075-1081.	2.7	905
138	The vascular NAD(P)H oxidases as therapeutic targets in cardiovascular diseases. Trends in Pharmacological Sciences, 2003, 24, 471-478.	8.7	627
139	Oxidative Stress and Cardiovascular Injury. Circulation, 2003, 108, 2034-2040.	1.6	695
140	Redox Control of Growth Factor Signaling in Heart, Lung, and Circulation. Antioxidants and Redox Signaling, 2003, 5, 689-690.	5.4	5
141	Pyk2- and Src-Dependent Tyrosine Phosphorylation of PDK1 Regulates Focal Adhesions. Molecular and Cellular Biology, 2003, 23, 8019-8029.	2.3	76
142	Stimulation of Cellular Signaling and G Protein Subunit Dissociation by G Protein Î²Î³ Subunit-binding Peptides. Journal of Biological Chemistry, 2003, 278, 19634-19641.	3.4	64
143	Pulsatile Versus Oscillatory Shear Stress Regulates NADPH Oxidase Subunit Expression. Circulation Research, 2003, 93, 1225-1232.	4.5	300
144	Expression of Inducible Nitric-oxide Synthase and Intracellular Protein Tyrosine Nitration in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2003, 278, 22901-22907.	3.4	67

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145	Reactive Oxygen Species Sensitivity of Angiotensin II-dependent Translation Initiation in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2003, 278, 36973-36979.	3.4	30
146	Oscillatory Shear Stress Stimulates Endothelial Production of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif"><mml:msubsup><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>2</mml:mn></mml:mrow><mml:mo>-</mml:mo></mml:msubsup></mml:m from p47 -dependent NAD(P)H Oxidases, Leading to Monocyte Adhesion. Journal of Biological Chemistry, 2003, 278, 47291-47298.	3.4	261
147	Resveratrol Increases Serine15-Phosphorylated but Transcriptionally Impaired p53 and Induces a Reversible DNA Replication Block in Serum-Activated Vascular Smooth Muscle Cells. Molecular Pharmacology, 2003, 63, 925-932.	2.3	58
148	The Pickering Lecture British Hypertension Society, 10th September 2002. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2003, 4, 51-61.	1.7	185
149	Pathogenesis of Hypertension: Vascular Mechanisms. , 2003, , 85-107.		0
150	The A640G and C242T p22phoxPolymorphisms in Patients with Coronary Artery Disease. Antioxidants and Redox Signaling, 2002, 4, 675-680.	5.4	28
151	Resveratrol Suppresses Angiotensin II-Induced Akt/Protein Kinase B and p70 S6 Kinase Phosphorylation and Subsequent Hypertrophy in Rat Aortic Smooth Muscle Cells. Molecular Pharmacology, 2002, 62, 772-777.	2.3	109
152	NAD(P)H Oxidase-Derived Reactive Oxygen Species as Mediators of Angiotensin II Signaling. Antioxidants and Redox Signaling, 2002, 4, 899-914.	5.4	188
153	Angiotensin II Stimulation of NAD(P)H Oxidase Activity. Circulation Research, 2002, 91, 406-413.	4.5	672
154	Mechanism of Hydrogen Peroxide-Induced Cell Cycle Arrest in Vascular Smooth Muscle. Antioxidants and Redox Signaling, 2002, 4, 845-854.	5.4	76
155	Upregulation of Nox-Based NAD(P)H Oxidases in Restenosis After Carotid Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 21-27.	2.4	421
156	Effects of Angiotensin II Infusion on the Expression and Function of NAD(P)H Oxidase and Components of Nitric Oxide/cGMP Signaling. Circulation Research, 2002, 90, E58-65.	4.5	592
157	Superoxide Production and Expression of Nox Family Proteins in Human Atherosclerosis. Circulation, 2002, 105, 1429-1435.	1.6	815
158	Functional Evaluation of Nonphagocytic NAD(P)H Oxidases. Methods in Enzymology, 2002, 353, 220-233.	1.0	45
159	Reactive Oxygen Species, Mitochondria, and NAD(P)H Oxidases in the Development and Progression of Heart Failure. Congestive Heart Failure, 2002, 8, 132-140.	2.0	349
160	Out Phoxing the Endothelium. Circulation Research, 2002, 90, 123-124.	4.5	8
161	Out phoxing the endothelium: what's left without p47?. Circulation Research, 2002, 90, 123-4.	4.5	2
162	Cholesterol Depletion Inhibits Epidermal Growth Factor Receptor Transactivation by Angiotensin II in Vascular Smooth Muscle Cells. Journal of Biological Chemistry, 2001, 276, 48269-48275.	3.4	184

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