

# Katrin Schröder

## List of Publications by Year in descending order

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145  
papers

9,522  
citations

47006

47  
h-index

40979

93  
g-index

170  
all docs

170  
docs citations

170  
times ranked

12637  
citing authors

#	ARTICLE	IF	CITATIONS
1	NLRP3 inflammasome blockade reduces liver inflammation and fibrosis in experimental NASH in mice. <i>Journal of Hepatology</i> , 2017, 66, 1037-1046.	3.7	738
2	Apocynin Is Not an Inhibitor of Vascular NADPH Oxidases but an Antioxidant. <i>Hypertension</i> , 2008, 51, 211-217.	2.7	677
3	Nox family NADPH oxidases: Molecular mechanisms of activation. <i>Free Radical Biology and Medicine</i> , 2014, 76, 208-226.	2.9	546
4	Nox4 Is a Protective Reactive Oxygen Species Generating Vascular NADPH Oxidase. <i>Circulation Research</i> , 2012, 110, 1217-1225.	4.5	540
5	The E-loop Is Involved in Hydrogen Peroxide Formation by the NADPH Oxidase Nox4. <i>Journal of Biological Chemistry</i> , 2011, 286, 13304-13313.	3.4	445
6	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.	7.1	401
7	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.	9.0	242
8	NADPH oxidases in cardiovascular disease. <i>Free Radical Biology and Medicine</i> , 2010, 49, 687-706.	2.9	241
9	Nox4 Acts as a Switch Between Differentiation and Proliferation in Preadipocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 239-245.	2.4	228
10	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.	2.9	220
11	The NADPH oxidase Nox4 has anti-atherosclerotic functions. <i>European Heart Journal</i> , 2015, 36, 3447-3456.	2.2	150
12	Nox4 is a Novel Inducible Source of Reactive Oxygen Species in Monocytes and Macrophages and Mediates Oxidized Low Density Lipoprotein-Induced Macrophage Death. <i>Circulation Research</i> , 2010, 106, 1489-1497.	4.5	145
13	NADPH oxidase 4 limits bone mass by promoting osteoclastogenesis. <i>Journal of Clinical Investigation</i> , 2013, 123, 4731-4738.	8.2	142
14	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.	1.3	136
15	Nox1 Mediates Basic Fibroblast Growth Factor-Induced Migration of Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1736-1743.	2.4	134
16	Role of Nox4 in murine models of kidney disease. <i>Free Radical Biology and Medicine</i> , 2012, 53, 842-853.	2.9	131
17	Identification of Structural Elements in Nox1 and Nox4 Controlling Localization and Activity. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 1279-1287.	5.4	129
18	Vascular CXCR4 Limits Atherosclerosis by Maintaining Arterial Integrity. <i>Circulation</i> , 2017, 136, 388-403.	1.6	128

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19	The Nox Family of NADPH Oxidases: Friend or Foe of the Vascular System?. Current Hypertension Reports, 2012, 14, 70-78.	3.5	122
20	Inhibition of the JAK-2/STAT3 signaling pathway impedes the migratory and invasive potential of human glioblastoma cells. Journal of Neuro-Oncology, 2011, 101, 393-403.	2.9	112
21	NADPH Oxidase Nox2 Is Required for Hypoxia-Induced Mobilization of Endothelial Progenitor Cells. Circulation Research, 2009, 105, 537-544.	4.5	105
22	Redox control in cancer development and progression. Molecular Aspects of Medicine, 2018, 63, 88-98.	6.4	103
23	NADPH Oxidase-4 Maintains Neuropathic Pain after Peripheral Nerve Injury. Journal of Neuroscience, 2012, 32, 10136-10145.	3.6	94
24	Vitamin D Promotes Vascular Regeneration. Circulation, 2014, 130, 976-986.	1.6	91
25	Targeted redox inhibition of protein phosphatase 1 by Nox4 regulates $eIF2\alpha$ -mediated stress signaling. EMBO Journal, 2016, 35, 319-334.	7.8	91
26	NADPH oxidase Nox1 contributes to ischemic injury in experimental stroke in mice. Neurobiology of Disease, 2010, 40, 185-192.	4.4	84
27	Redox-mediated signal transduction by cardiovascular Nox NADPH oxidases. Journal of Molecular and Cellular Cardiology, 2014, 73, 70-79.	1.9	81
28	Monoamine Oxidases Are Mediators of Endothelial Dysfunction in the Mouse Aorta. Hypertension, 2013, 62, 140-146.	2.7	78
29	NADPH oxidases in bone homeostasis and osteoporosis. Free Radical Biology and Medicine, 2019, 132, 67-72.	2.9	77
30	Xanthine oxidase inhibitor tungsten prevents the development of atherosclerosis in ApoE knockout mice fed a Western-type diet. Free Radical Biology and Medicine, 2006, 41, 1353-1360.	2.9	76
31	NOXious signaling in pain processing. , 2013, 137, 309-317.		76
32	Differential vascular functions of Nox family NADPH oxidases. Current Opinion in Lipidology, 2008, 19, 513-518.	2.7	75
33	Nox Family NADPH Oxidases in Mechano-Transduction: Mechanisms and Consequences. Antioxidants and Redox Signaling, 2014, 20, 887-898.	5.4	68
34	Nicotinamide Adenine Dinucleotide Phosphate Oxidase-4-Dependent Upregulation of Nuclear Factor Erythroid-2-Like 2 Protects the Heart During Chronic Pressure Overload. Hypertension, 2015, 65, 547-553.	2.7	64
35	Composition and Functions of Vascular Nicotinamide Adenine Dinucleotide Phosphate Oxidases. Trends in Cardiovascular Medicine, 2008, 18, 15-19.	4.9	58
36	Organizers and activators: Cytosolic Nox proteins impacting on vascular function. Free Radical Biology and Medicine, 2017, 109, 22-32.	2.9	58

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37	Mutant desmin substantially perturbs mitochondrial morphology, function and maintenance in skeletal muscle tissue. <i>Acta Neuropathologica</i> , 2016, 132, 453-473.	7.7	57
38	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.	2.9	57
39	Nox2-dependent signaling between macrophages and sensory neurons contributes to neuropathic pain hypersensitivity. <i>Pain</i> , 2014, 155, 2161-2170.	4.2	55
40	Detection of Hydrogen Peroxide with Fluorescent Dyes. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 585-602.	5.4	55
41	NOX4-driven ROS formation mediates PTP inactivation and cell transformation in FLT3ITD-positive AML cells. <i>Leukemia</i> , 2016, 30, 473-483.	7.2	54
42	Glucose-Stimulated Insulin Secretion Fundamentally Requires H <sub>2</sub> O <sub>2</sub> Signaling by NADPH Oxidase 4. <i>Diabetes</i> , 2020, 69, 1341-1354.	0.6	53
43	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.	5.4	52
44	Levosimendan attenuates pulmonary vascular remodeling. <i>Intensive Care Medicine</i> , 2011, 37, 1368-1377.	8.2	52
45	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.	5.4	52
46	Both cardiomyocyte and endothelial cell Nox4 mediate protection against hemodynamic overload-induced remodelling. <i>Cardiovascular Research</i> , 2018, 114, 401-408.	3.8	52
47	NADPH oxidases: Current aspects and tools. <i>Redox Biology</i> , 2020, 34, 101512.	9.0	52
48	NADPH oxidases in bone homeostasis and osteoporosis. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 25-38.	5.4	50
49	Leptin Potentiates Endothelium-Dependent Relaxation by Inducing Endothelial Expression of Neuronal NO Synthase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1605-1612.	2.4	49
50	Bimodal role of NADPH oxidases in the regulation of biglycan-triggered IL-1 $\beta$ synthesis. <i>Matrix Biology</i> , 2016, 49, 61-81.	3.6	49
51	Nox4 regulates InsP <sub>3</sub> receptor-dependent Ca <sup>2+</sup> release into mitochondria to promote cell survival. <i>EMBO Journal</i> , 2020, 39, e103530.	7.8	49
52	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.	2.9	47
53	NADPH Oxidases in Redox Regulation of Cell Adhesion and Migration. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2043-2058.	5.4	47
54	A Bak-dependent mitochondrial amplification step contributes to Smac mimetic/glucocorticoid-induced necroptosis. <i>Cell Death and Differentiation</i> , 2017, 24, 83-97.	11.2	47

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55	The NADPH Oxidase Nox4 mediates tumour angiogenesis. <i>Acta Physiologica</i> , 2016, 216, 435-446.	3.8	45
56	No Superoxide "No Stress?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1255-1257.	2.4	44
57	Myocardial NADPH oxidase-4 regulates the physiological response to acute exercise. <i>ELife</i> , 2018, 7, .	6.0	44
58	Assay to visualize specific protein oxidation reveals spatio-temporal regulation of SHP2. <i>Nature Communications</i> , 2017, 8, 466.	12.8	43
59	Nox4 reprograms cardiac substrate metabolism via protein O-GlcNAcylation to enhance stress adaptation. <i>JCI Insight</i> , 2017, 2, .	5.0	42
60	Deficient angiogenesis in redox-dead Cys17Ser PKAR1± knock-in mice. <i>Nature Communications</i> , 2015, 6, 7920.	12.8	41
61	The NADPH organizers NoxO1 and p47phox are both mediators of diabetes-induced vascular dysfunction in mice. <i>Redox Biology</i> , 2018, 15, 12-21.	9.0	40
62	Autophagy Protects From Uremic Vascular Media Calcification. <i>Frontiers in Immunology</i> , 2018, 9, 1866.	4.8	40
63	Isoform specific functions of Nox protein-derived reactive oxygen species in the vasculature. <i>Current Opinion in Pharmacology</i> , 2010, 10, 122-126.	3.5	39
64	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.	2.9	39
65	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.	2.9	37
66	Redox Regulation and Noncoding RNAs. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 793-812.	5.4	36
67	The NADPH Oxidase Nox4 Controls Macrophage Polarization in an NF- $\kappa$ B-Dependent Manner. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	4.0	36
68	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.	2.4	35
69	SYNCRIP-Dependent Nox2 mRNA Destabilization Impairs ROS Formation in M2-Polarized Macrophages. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2483-2497.	5.4	35
70	NOX4-dependent Hydrogen peroxide promotes shear stress-induced SHP2 sulfenylation and eNOS activation. <i>Free Radical Biology and Medicine</i> , 2015, 89, 419-430.	2.9	35
71	NADPH oxidase-derived reactive oxygen species: Dosis facit venenum. <i>Experimental Physiology</i> , 2019, 104, 447-452.	2.0	34
72	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.	9.0	33

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73	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.	2.9	32
74	NADPH Oxidase 4 is Not Involved in Hypoxia-Induced Pulmonary Hypertension. <i>Pulmonary Circulation</i> , 2016, 6, 397-400.	1.7	32
75	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.	3.1	32
76	Nox4 supports proper capillary growth in exercise and retina neo-vascularization. <i>Journal of Physiology</i> , 2015, 593, 2145-2154.	2.9	30
77	Targeting of NADPH oxidase in vitro and in vivo suppresses fibroblast activation and experimental skin fibrosis. <i>Experimental Dermatology</i> , 2017, 26, 73-81.	2.9	30
78	Lung Ischaemia-Reperfusion Injury: The Role of Reactive Oxygen Species. <i>Advances in Experimental Medicine and Biology</i> , 2017, 967, 195-225.	1.6	29
79	Dual NADPH oxidases DUOX1 and DUOX2 synthesize NAADP and are necessary for Ca <sup>2+</sup> signaling during T cell activation. <i>Science Signaling</i> , 2021, 14, eabe3800.	3.6	28
80	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.	2.9	27
81	NADPH oxidase 4 modulates hepatic responses to lipopolysaccharide mediated by Toll-like receptor-4. <i>Scientific Reports</i> , 2017, 7, 14346.	3.3	27
82	NoxO1 Controls Proliferation of Colon Epithelial Cells. <i>Frontiers in Immunology</i> , 2018, 9, 973.	4.8	27
83	The Cytosolic NADPH Oxidase Subunit NoxO1 Promotes an Endothelial Stalk Cell Phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1558-1565.	2.4	26
84	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.	2.7	26
85	Redox Regulation Beyond ROS. <i>Circulation Research</i> , 2018, 123, 326-328.	4.5	25
86	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.	3.4	24
87	NADPH oxidase-4 promotes eccentric cardiac hypertrophy in response to volume overload. <i>Cardiovascular Research</i> , 2021, 117, 178-187.	3.8	24
88	Redox-guided axonal regrowth requires cyclic GMP dependent protein kinase 1: Implication for neuropathic pain. <i>Redox Biology</i> , 2017, 11, 176-191.	9.0	23
89	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.	1.7	23
90	NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. <i>Nature Metabolism</i> , 2020, 2, 532-546.	11.9	23

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91	Knock out of the NADPH oxidase Nox4 has no impact on life span in mice. <i>Redox Biology</i> , 2017, 11, 312-314.	9.0	22
92	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.	1.7	21
93	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.	3.1	20
94	Oxidation of HDAC4 by Nox4-derived H <sub>2</sub> O <sub>2</sub> maintains tube formation by endothelial cells. <i>Redox Biology</i> , 2020, 36, 101669.	9.0	20
95	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, .	7.1	20
96	NADPH oxidases in the differentiation of endothelial cells. <i>Cardiovascular Research</i> , 2019, 116, 262-268.	3.8	19
97	Redox Control of Angiogenesis. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 960-971.	5.4	19
98	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.	10.0	17
99	Oleoyl-Lysophosphatidylcholine Limits Endothelial Nitric Oxide Bioavailability by Induction of Reactive Oxygen Species. <i>PLoS ONE</i> , 2014, 9, e113443.	2.5	16
100	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.	2.4	16
101	Activation of thromboxane receptor modulates interleukin-1 $\beta$ -induced monocyte adhesion—A novel role of Nox1. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1760-1766.	2.9	15
102	NOX4 Regulates CCR2 and CCL2 mRNA Stability in Alcoholic Liver Disease. <i>Scientific Reports</i> , 2017, 7, 46144.	3.3	15
103	Diabetes and Thrombosis: A Central Role for Vascular Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 706.	5.1	15
104	Nox4 Is Dispensable for Exercise Induced Muscle Fibre Switch. <i>PLoS ONE</i> , 2015, 10, e0130769.	2.5	15
105	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.	4.0	14
106	Sphingosine Kinase 2 Modulates Retinal Neovascularization in the Mouse Model of Oxygen-Induced Retinopathy. , 2018, 59, 653.		14
107	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.	3.2	13
108	Redox Control of Renal Metabolism and Transport Function by the NADPH Oxidase Nox4. <i>Free Radical Biology and Medicine</i> , 2017, 112, 174.	2.9	13

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109	Tolerizing CTL by Sustained Hepatic PD-L1 Expression Provides a New Therapy Approach in Mouse Sepsis. <i>Theranostics</i> , 2019, 9, 2003-2016.	10.0	13
110	BIAM switch assay coupled to mass spectrometry identifies novel redox targets of NADPH oxidase 4. <i>Redox Biology</i> , 2019, 21, 101125.	9.0	13
111	Deletion of NoxO1 limits atherosclerosis development in female mice. <i>Redox Biology</i> , 2020, 37, 101713.	9.0	13
112	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.	2.5	13
113	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.	1.7	13
114	Vitamin D – A New Perspective in Treatment of Cerebral Vasospasm. <i>Neurosurgery</i> , 2021, 88, 674-685.	1.1	10
115	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.	1.9	9
116	Nox4-dependent upregulation of S100A4 after peripheral nerve injury modulates neuropathic pain processing. <i>Free Radical Biology and Medicine</i> , 2021, 168, 155-167.	2.9	9
117	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.	4.1	9
118	Reactive Oxygen Species Differentially Modulate the Metabolic and Transcriptomic Response of Endothelial Cells. <i>Antioxidants</i> , 2022, 11, 434.	5.1	9
119	Nox4 expression in osteo-progenitors controls bone development in mice during early life. <i>Communications Biology</i> , 2022, 5, .	4.4	9
120	The NADPH Oxidase Nox2 Mediates Vitamin D-Induced Vascular Regeneration in Male Mice. <i>Endocrinology</i> , 2016, 157, 4032-4040.	2.8	8
121	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.	3.8	8
122	The hydrogen-peroxide producing NADPH oxidase 4 does not limit neointima development after vascular injury in mice. <i>Redox Biology</i> , 2021, 45, 102050.	9.0	7
123	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.	2.9	6
124	The NADPH Oxidase Isoform 1 Contributes to Angiotensin II-Mediated DNA Damage in the Kidney. <i>Antioxidants</i> , 2020, 9, 586.	5.1	6
125	NADPH Oxidases in Pain Processing. <i>Antioxidants</i> , 2022, 11, 1162.	5.1	5
126	NOXious Phosphorylation. <i>Circulation Research</i> , 2014, 115, 898-900.	4.5	4



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127	NoxO1 Knockout Promotes Longevity in Mice. <i>Antioxidants</i> , 2020, 9, 226.	5.1	4
128	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.	1.6	4
129	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.	5.1	4
130	NOX1/NADPH oxidase is involved in the LPS-induced exacerbation of collagen-induced arthritis. <i>Journal of Pharmacological Sciences</i> , 2021, 146, 88-97.	2.5	3
131	Redox signaling in cellular differentiation. , 2020, , 539-563.		2
132	Exercise: benefit more with Nox4!. <i>Cardiovascular Research</i> , 2020, 116, 1658-1660.	3.8	2
133	Nox4 Maintains Blood Pressure during Low Sodium Diet. <i>Antioxidants</i> , 2021, 10, 1103.	5.1	2
134	Nox1 Mediates Basic Fibroblast Growth Factor-induced Vascular Smooth Muscle Cell Migration. , 0, 2006, .		2
135	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.	3.2	2
136	Context-specific effects of NOX4 inactivation in acute myeloid leukemia (AML). <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 1983-1990.	2.5	2
137	Response to Pagano et al.. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1247-1249.	5.4	1
138	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.	3.6	0
139	Nox1 mediates basic fibroblast growth factor-induced smooth muscle cells migration. <i>Vascular Pharmacology</i> , 2006, 45, e72.	2.1	0
140	Nox4 Controls Bone Mass by Regulation of Osteoclastogenesis. <i>Free Radical Biology and Medicine</i> , 2011, 51, S97.	2.9	0
141	Response to the Letter by Schmidt et al Regarding â€œNox4 Is a Janus-Faced Reactive Oxygen Species Generating NADPH Oxidaseâ€• <i>Circulation Research</i> , 2012, 111, .	4.5	0
142	Response to Letter Regarding Article, â€œVitamin D Promotes Vascular Regenerationâ€• <i>Circulation</i> , 2015, 131, e515-6.	1.6	0
143	NoxO1 contributes to the differentiation of intestinal stem cells. <i>Free Radical Biology and Medicine</i> , 2017, 108, S75.	2.9	0
144	[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.	0.5	0

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145	PKG, CXL, and HNO. Relax!. Hypertension, 2022, 79, 957-959.	2.7	0