

NADPH oxidases: an overview from structure to innate

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Citation Report

#	ARTICLE	IF	CITATIONS
1	P47phox ^{+/+} Mice Are Compromised in Expansion and Activation of CD8+ T Cells and Susceptible to <i>Trypanosoma cruzi</i> Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004516.	2.1	44
2	Traumatic Brain Injury and NADPH Oxidase: A Deep Relationship. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	1.9	93
3	Early IFN type I response: Learning from microbial evasion strategies. <i>Seminars in Immunology</i> , 2015, 27, 85-101.	2.7	42
4	Free Radicals in Mycobacterial Disease. <i>ACS Symposium Series</i> , 2015, , 503-539.	0.5	0
5	Role of NADPH Oxidase in Metabolic Disease-Related Renal Injury: An Update. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-8.	1.9	39
6	The Expression of NOX4 in Smooth Muscles of Small Airway Correlates with the Disease Severity of COPD. <i>BioMed Research International</i> , 2016, 2016, 1-17.	0.9	20
7	Fis Is Essential for <i>Yersinia pseudotuberculosis</i> Virulence and Protects against Reactive Oxygen Species Produced by Phagocytic Cells during Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005898.	2.1	27
8	A 2-Substituted 8-Hydroxyquinoline Stimulates Neural Stem Cell Proliferation by Modulating ROS Signalling. <i>Cell Biochemistry and Biophysics</i> , 2016, 74, 297-306.	0.9	14
9	Tumor Necrosis Factor- α Up-Regulates ICAM-1 Expression and Release in Intestinal Myofibroblasts by Redox-Dependent and -Independent Mechanisms. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 370-381.	1.2	12
10	The concept of photochemical enzyme models – State of the art. <i>Coordination Chemistry Reviews</i> , 2016, 325, 102-115.	9.5	14
11	Transcription Factor NF- κ B: An Update on Intervention Strategies. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2016, 64, 463-483.	1.0	97
12	Optimal ROS Signaling Is Critical for Nuclear Reprogramming. <i>Cell Reports</i> , 2016, 15, 919-925.	2.9	108
13	Anti-Inflammatory Small Molecules To Treat Seizures and Epilepsy: From Bench to Bedside. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 463-484.	4.0	160
14	A novel missense mutation in the NADPH binding domain of CYBB abolishes the NADPH oxidase activity in a male patient with increased susceptibility to infections. <i>Microbial Pathogenesis</i> , 2016, 100, 163-169.	1.3	19
16	PKC μ mediates resistin-induced NADPH oxidase activation and inflammation leading to smooth muscle cell dysfunction and intimal hyperplasia. <i>Atherosclerosis</i> , 2016, 253, 29-37.	0.4	34
17	Six-Transmembrane Epithelial Antigen of Prostate 1 (STEAP1) Has a Single Heme and Is Capable of Reducing Metal Ion Complexes and Oxygen. <i>Biochemistry</i> , 2016, 55, 6673-6684.	1.2	40
18	Human chorionic gonadotropin (hCG) sub-chronic administration mediated MMP-9 activities and cytokine association deteriorate experimental autoimmune encephalomyelitis (EAE) condition in mice model. <i>Journal of Pharmaceutical Investigation</i> , 2016, 46, 685-695.	2.7	1
19	A biochemical engineering view of the quest for immune-potentiating anti-infectives. <i>Current Opinion in Chemical Engineering</i> , 2016, 14, 82-92.	3.8	21

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20	Occurrence, Biological Consequences, and Human Health Relevance of Oxidative Stress-Induced DNA Damage. <i>Chemical Research in Toxicology</i> , 2016, 29, 2008-2039.	1.7	131
21	Cells redox environment modulates BRCA1 expression and DNA homologous recombination repair. <i>Free Radical Biology and Medicine</i> , 2016, 101, 190-201.	1.3	15
22	Neurofibromin is a novel regulator of Ras-induced reactive oxygen species production in mice and humans. <i>Free Radical Biology and Medicine</i> , 2016, 97, 212-222.	1.3	20
23	A sentinel goblet cell guards the colonic crypt by triggering Nlrp6-dependent Muc2 secretion. <i>Science</i> , 2016, 352, 1535-1542.	6.0	408
24	The Bioenergetic Health Index is a sensitive measure of oxidative stress in human monocytes. <i>Redox Biology</i> , 2016, 8, 43-50.	3.9	54
25	Mechanism of p47phox-induced increase of reactive oxygen species in peripheral blood mononuclear cells from premature infants on oxygen therapy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1-20.	0.7	7
26	The adhesion GPCR BA11 mediates macrophage ROS production and microbicidal activity against Gram-negative bacteria. <i>Science Signaling</i> , 2016, 9, ra14.	1.6	54
27	ROS-activated calcium signaling mechanisms regulating endothelial barrier function. <i>Cell Calcium</i> , 2016, 60, 163-171.	1.1	73
28	Exploring NAD ⁺ metabolism in host-pathogen interactions. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1225-1236.	2.4	53
29	Classical and Alternative Activation of <i>Cyanobacterium</i> <i>Oscillatoria</i> sp. Lipopolysaccharide-Treated Rat Microglia <i>in vitro</i> . <i>Toxicological Sciences</i> , 2016, 149, 484-495.	1.4	30
30	NADPH oxidases do they play a role in TRPC regulation under hypoxia?. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 23-41.	1.3	19
31	Abiotic stress: Interplay between ROS, hormones and MAPKs. <i>Environmental and Experimental Botany</i> , 2017, 137, 142-157.	2.0	297
32	Hydrogen Peroxide: A Potential Wound Therapeutic Target. <i>Medical Principles and Practice</i> , 2017, 26, 301-308.	1.1	92
33	CLIC1 null mice demonstrate a role for CLIC1 in macrophage superoxide production and tissue injury. <i>Physiological Reports</i> , 2017, 5, e13169.	0.7	15
34	Cold-inducible RNA-binding protein through TLR4 signaling induces mitochondrial DNA fragmentation and regulates macrophage cell death after trauma. <i>Cell Death and Disease</i> , 2017, 8, e2775-e2775.	2.7	39
35	Kindlin-1 protects cells from oxidative damage through activation of ERK signalling. <i>Free Radical Biology and Medicine</i> , 2017, 108, 896-903.	1.3	17
36	Signaling at the Crossroads: Matrix-Derived Proteoglycan and Reactive Oxygen Species Signaling. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 855-873.	2.5	32
37	Ultra-weak photon emission as a dynamic tool for monitoring oxidative stress metabolism. <i>Scientific Reports</i> , 2017, 7, 1229.	1.6	30

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38	<i>Aspergillus fumigatus</i> Copper Export Machinery and Reactive Oxygen Intermediate Defense Counter Host Copper-Mediated Oxidative Antimicrobial Offense. <i>Cell Reports</i> , 2017, 19, 1008-1021.	2.9	95
39	Rac1-NADPH oxidase signaling promotes CD36 activation under glucotoxic conditions in pancreatic beta cells. <i>Redox Biology</i> , 2017, 11, 126-134.	3.9	32
40	Aeroallergens Induce Reactive Oxygen Species Production and DNA Damage and Dampen Antioxidant Responses in Bronchial Epithelial Cells. <i>Journal of Immunology</i> , 2017, 199, 39-47.	0.4	41
41	Leucine reduces reactive oxygen species levels via an energy metabolism switch by activation of the mTOR-HIF-1 α pathway in porcine intestinal epithelial cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 89, 42-56.	1.2	45
42	Polyphenols from <i>Lonicera caerulea</i> L. Berry Inhibit LPS-Induced Inflammation through Dual Modulation of Inflammatory and Antioxidant Mediators. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5133-5141.	2.4	52
43	TGF- β 2 in inflammatory bowel disease: a key regulator of immune cells, epithelium, and the intestinal microbiota. <i>Journal of Gastroenterology</i> , 2017, 52, 777-787.	2.3	193
44	Effects of cyanobacteria <i>Synechocystis</i> spp. in the host-parasite model <i>Crassostrea gasar</i> "Perkinsus marinus. <i>Aquatic Toxicology</i> , 2017, 187, 100-107.	1.9	2
45	Combination treatment with erlotinib and amelopsin overcomes erlotinib resistance in NSCLC cells via the Nox2-ROS-Bim pathway. <i>Lung Cancer</i> , 2017, 106, 115-124.	0.9	22
46	HBV inhibits LPS-induced NLRP3 inflammasome activation and IL-1 β production via suppressing the NF- κ B pathway and ROS production. <i>Journal of Hepatology</i> , 2017, 66, 693-702.	1.8	232
47	Mitochondrial ROS, uncoupled from ATP synthesis, determine endothelial activation for both physiological recruitment of patrolling cells and pathological recruitment of inflammatory cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 247-252.	0.7	87
48	Frontline Science: HMGB1 induces neutrophil dysfunction in experimental sepsis and in patients who survive septic shock. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1281-1287.	1.5	55
50	Reactive Oxygen Species Regulate the Inflammatory Function of NKT Cells through Promyelocytic Leukemia Zinc Finger. <i>Journal of Immunology</i> , 2017, 199, 3478-3487.	0.4	27
51	Lung Ischaemia "Reperfusion Injury: The Role of Reactive Oxygen Species. <i>Advances in Experimental Medicine and Biology</i> , 2017, 967, 195-225.	0.8	29
52	LC3-Associated Phagocytosis and Inflammation. <i>Journal of Molecular Biology</i> , 2017, 429, 3561-3576.	2.0	207
53	Hydrogen peroxide production is affected by oxygen levels in mammalian cell culture. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 246-251.	1.0	28
54	TRAF4 promotes lung cancer aggressiveness by modulating tumor microenvironment in normal fibroblasts. <i>Scientific Reports</i> , 2017, 7, 8923.	1.6	31
55	Metabolism in Immune Cell Differentiation and Function. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1011, 1-85.	0.8	14
56	N-Acetyl-L-cysteine protects thyroid cells against DNA damage induced by external and internal irradiation. <i>Radiation and Environmental Biophysics</i> , 2017, 56, 405-412.	0.6	12

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58	Cross talk between increased intracellular zinc (Zn ²⁺) and accumulation of reactive oxygen species in chemical ischemia. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 313, C448-C459.	2.1	38
59	Ethylene, an early marker of systemic inflammation in humans. <i>Scientific Reports</i> , 2017, 7, 6889.	1.6	32
60	NADPH oxidase 4 is required for the generation of macrophage migration inhibitory factor and host defense against <i>Toxoplasma gondii</i> infection. <i>Scientific Reports</i> , 2017, 7, 6361.	1.6	35
61	High-resolution studies of hydride transfer in the ferredoxin:NADP ⁺ reductase superfamily. <i>FEBS Journal</i> , 2017, 284, 3302-3319.	2.2	18
62	Extracellular Matrix Induction of Intracellular Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 774-784.	2.5	24
63	Protective effect of mesenchymal stem cells on the pressure ulcer formation by the regulation of oxidative and endoplasmic reticulum stress. <i>Scientific Reports</i> , 2017, 7, 17186.	1.6	45
64	The Role of Reactive Oxygen Species in Adipogenic Differentiation. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1083, 125-144.	0.8	26
65	Gallic Acid Reduces Blood Pressure and Attenuates Oxidative Stress and Cardiac Hypertrophy in Spontaneously Hypertensive Rats. <i>Scientific Reports</i> , 2017, 7, 15607.	1.6	78
66	Redox Control of Vascular Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, e178-e184.	1.1	21
67	Genomic and non-genomic effects of androgens in the cardiovascular system: clinical implications. <i>Clinical Science</i> , 2017, 131, 1405-1418.	1.8	91
68	Exercise-stimulated glucose uptake regulation and implications for glycaemic control. <i>Nature Reviews Endocrinology</i> , 2017, 13, 133-148.	4.3	312
69	Signaling in the Auditory System: Implications in Hair Cell Regeneration and Hearing Function. <i>Journal of Cellular Physiology</i> , 2017, 232, 2710-2721.	2.0	9
70	Central Nervous System Injury and Nicotinamide Adenine Dinucleotide Phosphate Oxidase: Oxidative Stress and Therapeutic Targets. <i>Journal of Neurotrauma</i> , 2017, 34, 755-764.	1.7	66
71	Sphingolipids in neutrophil function and inflammatory responses: Mechanisms and implications for intestinal immunity and inflammation in ulcerative colitis. <i>Advances in Biological Regulation</i> , 2017, 63, 140-155.	1.4	46
72	<i>Ehrlichia chaffeensis</i> and Its Invasin EtpE Block Reactive Oxygen Species Generation by Macrophages in a DNase X-Dependent Manner. <i>MBio</i> , 2017, 8, .	1.8	22
73	Three variants in the nicotinamide adenine dinucleotide phosphate oxidase complex are associated with HCV-related liver damage. <i>Hepatology Communications</i> , 2017, 1, 973-982.	2.0	1
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75	Opportunistic Pathogen <i>Porphyromonas gingivalis</i> Modulates Danger Signal ATP-Mediated Antibacterial NOX2 Pathways in Primary Epithelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 291.	1.8	29
76	Neutrophils to the ROScues: Mechanisms of NADPH Oxidase Activation and Bacterial Resistance. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 373.	1.8	494
77	Dysregulated IL-1 β Secretion in Autoinflammatory Diseases: A Matter of Stress?. <i>Frontiers in Immunology</i> , 2017, 8, 345.	2.2	36
78	Ly6Chi Monocytes and Their Macrophage Descendants Regulate Neutrophil Function and Clearance in Acetaminophen-Induced Liver Injury. <i>Frontiers in Immunology</i> , 2017, 8, 626.	2.2	74
79	p40phox-Deficient Mice Exhibit Impaired Bacterial Clearance and Enhanced Pro-inflammatory Responses during <i>Salmonella enterica</i> serovar Typhimurium Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1270.	2.2	8
80	Control of Phagocytosis by Microbial Pathogens. <i>Frontiers in Immunology</i> , 2017, 8, 1368.	2.2	201
81	Elevated Mitochondrial Reactive Oxygen Species and Cellular Redox Imbalance in Human NADPH-Oxidase-Deficient Phagocytes. <i>Frontiers in Immunology</i> , 2017, 8, 1828.	2.2	44
82	Redox Regulation of Inflammatory Processes Is Enzymatically Controlled. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-23.	1.9	54
83	Propyl Gallate Exerts an Antimigration Effect on Temozolomide-Treated Malignant Glioma Cells through Inhibition of ROS and the NF- κ B Pathway. <i>Journal of Immunology Research</i> , 2017, 2017, 1-12.	0.9	11
84	NADPH Oxidase Deficiency: A Multisystem Approach. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-23.	1.9	29
85	Docosahexaenoic Acid Inhibits Cerulein-Induced Acute Pancreatitis in Rats. <i>Nutrients</i> , 2017, 9, 744.	1.7	15
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87	Reactive oxygen species are required for driving efficient and sustained aerobic glycolysis during CD4+ T cell activation. <i>PLoS ONE</i> , 2017, 12, e0175549.	1.1	67
88	NADPH oxidases in Parkinson's disease: a systematic review. <i>Molecular Neurodegeneration</i> , 2017, 12, 84.	4.4	111
89	Interferon- β -dependent control of <i>Anaplasma phagocytophilum</i> by murine neutrophil granulocytes. <i>Parasites and Vectors</i> , 2017, 10, 329.	1.0	5
90	NADPH Oxidases: Insights into Selected Functions and Mechanisms of Action in Cancer and Stem Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-15.	1.9	101
91	Nondysplastic Ulcerative Colitis Has High Levels of the Homologous Recombination Repair Protein NUCKS1 and Low Levels of the DNA Damage Marker Gamma-H2AX. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 593-600.	0.9	12
92	Effect of NADPH oxidase 1 and 4 blockade in activated human retinal endothelial cells. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 652-660.	1.3	25

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93	Localization of lipopolysaccharide from Escherichia Coli into human atherosclerotic plaque. Scientific Reports, 2018, 8, 3598.	1.6	88
94	Expression of genes that encode cellular oxidant/antioxidant systems are affected by heat stress. Molecular Biology Reports, 2018, 45, 389-394.	1.0	27
95	Identification of <sc>NADPH</sc> oxidase family members associated with cold stress in strawberry. FEBS Open Bio, 2018, 8, 593-605.	1.0	55
96	Alterations on Cellular Redox States upon Infection and Implications for Host Cell Homeostasis. Experientia Supplementum (2012), 2018, 109, 197-220.	0.5	4
97	Reactive Oxygen Species: A Key Constituent in Cancer Survival. Biomarker Insights, 2018, 13, 117727191875539.	1.0	590
98	Nanoparticles-Caused Oxidative Imbalance. Advances in Experimental Medicine and Biology, 2018, 1048, 85-98.	0.8	23
99	Pathogenesis of Chronic Chagas Disease: Macrophages, Mitochondria, and Oxidative Stress. Current Clinical Microbiology Reports, 2018, 5, 45-54.	1.8	51
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101	Eukaryotic copper-only superoxide dismutases (SODs): A new class of SOD enzymes and SOD-like protein domains. Journal of Biological Chemistry, 2018, 293, 4636-4643.	1.6	63
102	Reductionâ€“oxidation (redox) system in radiation-induced normal tissue injury: molecular mechanisms and implications in radiation therapeutics. Clinical and Translational Oncology, 2018, 20, 975-988.	1.2	105
103	IKKÎ± inactivation promotes Kras-initiated lung adenocarcinoma development through disrupting major redox regulatory pathways. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E812-E821.	3.3	44
104	How to master the host immune system? <i>Leishmania</i> parasites have the solutions!. International Immunology, 2018, 30, 103-111.	1.8	155
105	NADPH oxidase, oxidative stress and fibrosis in systemic sclerosis. Free Radical Biology and Medicine, 2018, 125, 90-97.	1.3	29
106	oxLDL-mediated cellular senescence is associated with increased NADPH oxidase p47phox recruitment to caveolae. Bioscience Reports, 2018, 38, .	1.1	22
107	Immunotoxic and hepatotoxic effects of perfluoro-<i>n</i>-decanoic acid (PFDA) on female Harlan Spragueâ€“Dawley rats and B₆C₃F₁/N mice when administered by oral gavage for 28 days. Journal of Immunotoxicology, 2018, 15, 41-52.	0.9	34
108	Reactive Oxygen Species in Metabolic and Inflammatory Signaling. Circulation Research, 2018, 122, 877-902.	2.0	1,212
109	ROS and RNS signalling: adaptive redox switches through oxidative/nitrosative protein modifications. Free Radical Research, 2018, 52, 507-543.	1.5	208
110	NADPH oxidases in traumatic brain injury â€“ Promising therapeutic targets?. Redox Biology, 2018, 16, 285-293.	3.9	84

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111	Tread carefully: A functional variant in the human NADPH oxidase 4 (NOX4) is not disease causing. <i>Molecular Genetics and Metabolism</i> , 2018, 123, 382-387.	0.5	0
112	Chemical Warfare at the Microorganismal Level: A Closer Look at the Superoxide Dismutase Enzymes of Pathogens. <i>ACS Infectious Diseases</i> , 2018, 4, 893-903.	1.8	28
113	Transflammation: How Innate Immune Activation and Free Radicals Drive Nuclear Reprogramming. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 205-218.	2.5	11
114	Oxidative stress and reactive oxygen species in endothelial dysfunction associated with cardiovascular and metabolic diseases. <i>Vascular Pharmacology</i> , 2018, 100, 1-19.	1.0	805
115	Spectrophotometric assays for measuring redox biomarkers in blood and tissues: the NADPH network. <i>Redox Report</i> , 2018, 23, 47-56.	1.4	48
116	NADPH Oxidases and Their Roles in Skin Homeostasis and Carcinogenesis. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1238-1261.	2.5	16
117	Reactive Oxygen Species and Their Implications on CD4 ⁺ T Cells in Type 1 Diabetes. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1399-1414.	2.5	11
118	Sialic acid-binding immunoglobulin-like lectin 8 (Siglec-8) is an activating receptor mediating β 2-integrin-dependent function in human eosinophils. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2196-2207.	1.5	37
119	Evaluation of macrophage injury and activation by amphotericin B-loaded polymeric nanoparticles. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 297-306.	1.8	3
120	In Silico Model of Vitamin D ₃ Dependent NADPH Oxidase Complex Activation During Mycobacterium Infection. , 2018, 2018, 2382-2385.		1
121	Radiation-induced skin reactions: mechanism and treatment. <i>Cancer Management and Research</i> , 2019, Volume 11, 167-177.	0.9	101
122	Reactive Oxygen Species as Regulators of MDSC-Mediated Immune Suppression. <i>Frontiers in Immunology</i> , 2018, 9, 2499.	2.2	243
124	Enhancement of Pneumocandin B0 Production in <i>Glarea lozoyensis</i> by Low-Temperature Adaptive Laboratory Evolution. <i>Frontiers in Microbiology</i> , 2018, 9, 2788.	1.5	6
125	Stimulatory TSH-Receptor Antibodies and Oxidative Stress in Graves Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3668-3677.	1.8	36
126	The Role of Hydrogen Peroxide in Redox-Dependent Signaling: Homeostatic and Pathological Responses in Mammalian Cells. <i>Cells</i> , 2018, 7, 156.	1.8	182
127	Perforin-2 Breaches the Envelope of Phagocytosed Bacteria Allowing Antimicrobial Effectors Access to Intracellular Targets. <i>Journal of Immunology</i> , 2018, 201, 2710-2720.	0.4	20
128	Molecular Basis of Oxidative Stress and Inflammation. , 2018, , 41-62.		2
129	Inhibition of NADPH oxidase activities ameliorates DSS-induced colitis. <i>Biochemical Pharmacology</i> , 2018, 158, 126-133.	2.0	22

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130	How Supraphysiological Oxygen Levels in Standard Cell Culture Affect Oxygen-Consuming Reactions. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	1.9	52
131	Hydroxyproline Attenuates Dextran Sulfate Sodium-Induced Colitis in Mice: Involvement of the NF- κ B Signaling and Oxidative Stress. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800494.	1.5	48
132	Reviews of Physiology, Biochemistry and Pharmacology, Vol. 175. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2018, , .	0.9	1
133	Neutrophils: Novel key players in Rheumatoid Arthritis. Current and future therapeutic targets. <i>Autoimmunity Reviews</i> , 2018, 17, 1138-1149.	2.5	88
134	Antifungal Activity of Essential Oil Compounds (Geraniol and Citral) and Inhibitory Mechanisms on Grain Pathogens (<i>Aspergillus flavus</i> and <i>Aspergillus ochraceus</i>). <i>Molecules</i> , 2018, 23, 2108.	1.7	98
135	NADPH-oxidase-derived ROS alters cell migration by modulating adhesions dynamics. <i>Biology of the Cell</i> , 2018, 110, 225-236.	0.7	7
136	Effects of melatonin on thymic and oxidative stress dysfunctions during <i>Trypanosoma cruzi</i> infection. <i>Journal of Pineal Research</i> , 2018, 65, e12510.	3.4	46
137	Redox Signaling and the Onset of the Inflammatory Cascade. , 2018, , 37-42.		3
138	The Phagocyte Oxidase Controls Tolerance to <i>Mycobacterium tuberculosis</i> Infection. <i>Journal of Immunology</i> , 2018, 201, 1705-1716.	0.4	25
139	Redox regulation in regenerative medicine and tissue engineering: The paradox of oxygen. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2013-2020.	1.3	36
140	Regulating NETosis: Increasing pH Promotes NADPH Oxidase-Dependent NETosis. <i>Frontiers in Medicine</i> , 2018, 5, 19.	1.2	48
141	Phosphoinositide 3-Kinase/Akt Signaling and Redox Metabolism in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 160.	1.3	283
142	Modulation of the Oxidative Stress and Lipid Peroxidation by Endocannabinoids and Their Lipid Analogues. <i>Antioxidants</i> , 2018, 7, 93.	2.2	71
143	The relevance of tyrosine kinase inhibitors for global metabolic pathways in cancer. <i>Molecular Cancer</i> , 2018, 17, 27.	7.9	36
144	Targeting Oxidative Stress for the Treatment of Liver Fibrosis. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2018, 175, 71-102.	0.9	163
145	Mitochondria as a Source of Superoxide Anion Radical in Human Platelets. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2018, 12, 43-49.	0.3	2
146	Antimicrobial actions of dual oxidases and lactoperoxidase. <i>Journal of Microbiology</i> , 2018, 56, 373-386.	1.3	63
147	Botulinum toxin B suppresses the pressure ulcer formation in cutaneous ischemia-reperfusion injury mouse model: Possible regulation of oxidative and endoplasmic reticulum stress. <i>Journal of Dermatological Science</i> , 2018, 90, 144-153.	1.0	18

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149	A Cross Talk Between BRG1 and Males Absent on the First Contributes to Reactive Oxygen Species Production in a Mouse Model of Nonalcoholic Steatohepatitis. Antioxidants and Redox Signaling, 2019, 30, 1539-1552.	2.5	26
150	Development of Multifunctional Molecules as Potential Therapeutic Candidates for Alzheimerâ€™s Disease, Parkinsonâ€™s Disease, and Amyotrophic Lateral Sclerosis in the Last Decade. Chemical Reviews, 2019, 119, 1221-1322.	23.0	360
151	Quantitative proteomic analysis reveals AK2 as potential biomarker for late normal tissue radiotoxicity. Radiation Oncology, 2019, 14, 142.	1.2	8
152	Landscape of innate immune system transcriptome and acute T cellâ€™mediated rejection of human kidney allografts. JCI Insight, 2019, 4, .	2.3	30
153	CYRI/ Fam49 Proteins Represent a New Class of Rac1 Interactors. Communicative and Integrative Biology, 2019, 12, 112-118.	0.6	8
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