

Reactive oxygen species in cell signaling

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Calcein-AM is a detector of intracellular oxidative activity. <i>Histochemistry and Cell Biology</i> , 2000, 122, 499-505.	0.8	69
2	Redox signaling in macrophages. <i>Molecular Aspects of Medicine</i> , 2001, 22, 189-216.	2.7	474
3	DNA damage and cell cycle checkpoints in hyperoxic lung injury: braking to facilitate repair. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 281, L291-L305.	1.3	110
4	Should We Target Signal Pathways Instead of Single Mediators in the Treatment of Sepsis?. , 2001, 132, 400-414.		3
5	H ₂ O ₂ signals 5-HT-induced ERK MAP kinase activation and mitogenesis of smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001, 281, L646-L652.	1.3	64
6	Oxidative stress in diabetic nephropathy: Basic and clinical information. <i>Current Diabetes Reports</i> , 2001, 1, 282-287.	1.7	88
7	Protein kinases and kinase-modulated effectors in the late phase of ischemic preconditioning. <i>Basic Research in Cardiology</i> , 2001, 96, 207-218.	2.5	48
8	Reactive Oxygen Species as Intracellular Messengers During Cell Growth and Differentiation. <i>Cellular Physiology and Biochemistry</i> , 2001, 11, 173-186.	1.1	980
9	Nitric oxide- and nitric oxide donors-induced relaxation and its modulation by oxidative stress in piglet pulmonary arteries. <i>British Journal of Pharmacology</i> , 2001, 133, 615-624.	2.7	23
10	Redox control of AP-1-like factors in yeast and beyond. <i>Oncogene</i> , 2001, 20, 2336-2346.	2.6	153
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16	Antioxidants as Therapy in the Newborn: Some Words of Caution. <i>Pediatric Research</i> , 2001, 50, 681-687.	1.1	98
17	Exuberant Inflammation in Nicotinamide Adenine Dinucleotide Phosphate-Oxidase-Deficient Mice After Allogeneic Marrow Transplantation. <i>Journal of Immunology</i> , 2002, 168, 5840-5847.	0.4	19
18	Hypoxic Pulmonary Vasoconstriction. <i>Circulation Research</i> , 2002, 91, 649-651.	2.0	38

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19	Antioxidants inhibit mercuric chloride-induced early vasculitis. <i>International Immunology</i> , 2002, 14, 267-273.	1.8	14
20	Complement Activates the c-Jun N-Terminal Kinase/Stress-Activated Protein Kinase in Glomerular Epithelial Cells. <i>Journal of Immunology</i> , 2002, 169, 2594-2601.	0.4	55
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1344	A two-photon fluorescent probe for endogenous superoxide anion radical detection and imaging in living cells and tissues. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 259-266.	4.0	49
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1503	In Situ Sensing of Reactive Oxygen Species on Dye-Stained Single DNA Molecules under Illumination. <i>Langmuir</i> , 2019, 35, 11308-11314.	1.6	4
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1649	Effects of membrane fatty acid composition on cellular metabolism and oxidative stress in dermal fibroblasts from small and large breed dogs. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	7
1650	Evaluation of biochemical parameters in <i>Rubus tereticaulis</i> treated rats and its implications in wound healing. <i>Molecular and Cellular Biochemistry</i> , 2020, 472, 67-78.	1.4	1
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1668	Impact of oxidative stress on treatment outcomes in adult patients with sepsis. <i>Medicine (United) Tj ETQq1 1 0.784314 rgBT/Overlo</i>	0.4	13
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1693	Effects of thermal stress on the antioxidant defenses in <i>Paracoccus marginatus</i> Williams and Granara de Willink parasitized by <i>Acerophagus papayae</i> Noyes & Schauf. <i>International Journal of Tropical Insect Science</i> , 2021, 41, 433-438.	0.4	1
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1702	Impact of nanoparticles on soil resource. , 2021, , 65-85.		11
1703	Dichloromethane extract of <i>Potentilla fulgens</i> wall. Ex. Sims ameliorates alloxan-induced oxidative stress and inflammatory responses in mice. <i>Clinical Phytoscience</i> , 2021, 7, .	0.8	0
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1708	Nitric oxide regulates perylenequinones biosynthesis in <i>Shiraia bambusicola</i> S4201 induced by hydrogen peroxide. <i>Scientific Reports</i> , 2021, 11, 2365.	1.6	6
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1719	High Concentrations of Etanercept Reduce Human Islet Function and Integrity. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 599-610.	1.6	5
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1723	Oxidative Stress and Pathways of Molecular Hydrogen Effects in Medicine. <i>Current Pharmaceutical Design</i> , 2021, 27, 610-625.	0.9	36
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1728	Pterostilbene promotes mitochondrial apoptosis and inhibits proliferation in glioma cells. <i>Scientific Reports</i> , 2021, 11, 6381.	1.6	13
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1737	Study on the Effect of Oral Administration of Bacteriophages in Charles Foster Rats With Special Reference to Immunological and Adverse Effects. <i>Frontiers in Pharmacology</i> , 2021, 12, 615445.	1.6	8
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1742	Silicon supplementation improves early blight resistance in <i>Lycopersicon esculentum</i> Mill. by modulating the expression of defense-related genes and antioxidant enzymes. <i>3 Biotech</i> , 2021, 11, 232.	1.1	15
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1760	Brain vulnerability and viability after ischaemia. <i>Nature Reviews Neuroscience</i> , 2021, 22, 553-572.	4.9	46
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1763	Carotid body chemoreceptors: physiology, pathology, and implications for health and disease. <i>Physiological Reviews</i> , 2021, 101, 1177-1235.	13.1	85
1764	Physiological Signaling Functions of Reactive Oxygen Species in Stem Cells: From Flies to Man. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 714370.	1.8	89
1765	Implications of reactive oxygen species on cancer formation and its treatment. <i>Seminars in Oncology</i> , 2021, 48, 238-245.	0.8	33
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1767	Oxidative Stress Promotes Corticosteroid Insensitivity in Asthma and COPD. <i>Antioxidants</i> , 2021, 10, 1335.	2.2	26
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1771	Effect of gibberellic acid and titanium dioxide nanoparticles on growth, antioxidant defense system and mineral nutrient uptake in wheat. <i>Ecotoxicology and Environmental Safety</i> , 2021, 221, 112436.	2.9	24
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1773	Hydrogen Sulfide Actions in the Vasculature. , 2021, 11, 1-22.		5
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1779	Hydrogen Peroxide-induced Cell Death in Mammalian Cells. , 2021, 2, 206-211.		5
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1782	Correlation between antioxidant activity and anti-wrinkle effect of ethanol extracts of <i>Sanguisorba officinalis</i> L.. <i>Food Science and Technology</i> , 2021, 41, 791-798.	0.8	8
1783	Obstructive sleep apnea and cardiovascular comorbidity: common pathophysiological mechanisms to cardiovascular disease. <i>Rational Pharmacotherapy in Cardiology</i> , 2021, 17, 594-605.	0.3	2
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1785	Role of quercetin on sterigmatocystin-induced oxidative stress-mediated toxicity. <i>Food and Chemical Toxicology</i> , 2021, 156, 112498.	1.8	12
1786	Mediated electrochemistry for redox-based biological targeting: entangling sensing and actuation for maximizing information transfer. <i>Current Opinion in Biotechnology</i> , 2021, 71, 137-144.	3.3	19
1787	Neuroprotective effects of Tiaogeng decoction against H ₂ O ₂ -induced oxidative injury and apoptosis in PC12 cells via Nrf2 and JNK signaling pathways. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114379.	2.0	6
1788	Drp1-dependent mitochondrial fission mediates corneal injury induced by alkali burn. <i>Free Radical Biology and Medicine</i> , 2021, 176, 149-161.	1.3	11
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1974	Ecological Chemistry of the Natural Waters. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2020, , 197-211.	0.3	5
1975	Cerebral ischemia in diabetics and oxidative stress. , 2020, , 59-68.		0
1976	The Concept of Compartmentalization in Signaling by Reactive Oxygen Species. , 2003, , 291-310.		2
1977	Hydrogen Peroxide as Intracellular Messenger: Identification of Protein Tyrosine Phosphatases and Pten as H ₂ O ₂ Target. , 2003, , 167-179.		1
1978	Oxidative Stress in Sepsis: Implications on Liver Protein Patterns and Analysis via Modified Proteomics Technology. , 2006, , 23-34.		0
1979	Regulationsmechanismen des Renin-Angiotensin-Systems im kardiovaskulären System. , 2006, , 377-407.		0
1980	Molekulare Regulation der Bildung und Inaktivierung reaktiver Sauerstoffspezies. , 2006, , 159-199.		0
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1993	Oxidative Stress during Ovarian Torsion in Pediatric and Adolescent Patients: Changing The Perspective of The Disease. <i>International Journal of Fertility & Sterility</i> , 2016, 9, 416-23.	0.2	21
1994	The effects of unilateral varicose ovarian vein on antioxidant capacity and oocyte quality in rat ovary. <i>Iranian Journal of Basic Medical Sciences</i> , 2016, 19, 863-869.	1.0	6
1995	ENERGY SENSING PATHWAYS IN AGING AND CHRONIC LUNG DISEASE. <i>Transactions of the American Clinical and Climatological Association</i> , 2020, 131, 286-293.	0.9	1
1996	Effect of Cold Atmospheric Plasma on Epigenetic Changes, DNA Damage, and Possibilities for Its Use in Synergistic Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12252.	1.8	20
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1998	Reactive Oxygen Species as the Brainbox in Malaria Treatment. <i>Antioxidants</i> , 2021, 10, 1872.	2.2	23
1999	Redox Sensitive Cysteine Residues as Crucial Regulators of Wild-Type and Mutant p53 Isoforms. <i>Cells</i> , 2021, 10, 3149.	1.8	10
2000	An Antioxidant Enzyme Therapeutic for Sepsis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 800684.	2.0	3
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2005	Molecular mechanisms of oxidative stress in stroke and cancer. <i>Brain Disorders</i> , 2022, 5, 100029.	1.1	27
2008	Characterization and functional analysis of peroxiredoxin 4 gene in the <i>Neocaridina denticulata sinensis</i> . <i>Fish and Shellfish Immunology</i> , 2022, 122, 162-169.	1.6	4
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2013	Effects of Pharmacological Inhibitors of NADPH Oxidase on Myogenic Contractility and Evoked Vasoactive Responses in Rat Resistance Arteries. <i>Frontiers in Physiology</i> , 2021, 12, 752366.	1.3	6
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2067	The Cytoprotective Activity of Nrf2 Is Regulated by Phytochemicals (Sulforaphane, Curcumin, and) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.2	0
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2086	Attempts to use breeding approaches in <i>Aedes aegypti</i> to create lines with distinct and stable relative <i>Wolbachia</i> densities. <i>Heredity</i> , 0, , .	1.2	0
2087	Potential targets and treatments affect oxidative stress in gliomas: An overview of molecular mechanisms. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
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2089	Plant Molecular Responses to Nanoparticle Stress. , 2022, , 239-264.		1
2090	Recent advances in redox-responsive nanoparticles for combined cancer therapy. <i>Nanoscale Advances</i> , 2022, 4, 3504-3516.	2.2	22
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2093	Changes in Metabolism and Mitochondrial Bioenergetics during Polyethylene-Induced Osteoclastogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8331.	1.8	3
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2097	Fabrication of colorimetric sensor using Fe ₃ O ₄ @ <i>Musa paradisiaca</i> L. nanoparticles for detecting hydrogen peroxide: an application in environmental and biological samples. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 2841-2855.	1.6	5
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2100	Diphenyleneiodonium Treatment Inhibits the Development of Severe Herpes Stromal Keratitis Lesions. <i>Journal of Virology</i> , 0, , .	1.5	2
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2111	The Antioxidant and Anti-inflammatory Activities of <i>Echinacea angustifolia</i> Hot Water Extract. <i>Asian Journal of Beauty and Cosmetology</i> , 2022, 20, 373-381.	0.2	5
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2116	An amphiphilic ratiometric fluorescent probe with aggregation-induced emission feature for specific detection of hypochlorite in aqueous solution and living cells. <i>Dyes and Pigments</i> , 2022, 207, 110764.	2.0	6
2117	Evaluation of Different Techniques to Decontaminate Medical Cannabis and Their Effect on Cannabinoid Content. <i>ACS Agricultural Science and Technology</i> , 2022, 2, 1126-1133.	1.0	3
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2123	Overview of the Mechanisms of Oxidative Stress: Impact in Inflammation of the Airway Diseases. <i>Antioxidants</i> , 2022, 11, 2237.	2.2	34
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2128	Hepatopulmonary Syndrome: Oxidative Stress and Physical Exercise. <i>European Medical Journal (Chelmsford, England)</i> , 0, , 69-75.	3.0	1
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2135	The Importance of the Redox Modulation in the Prevention and Treatment of Chronic Pulmonary Diseases. <i>Biochemistry</i> , 0, , .	0.8	0
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