

Peroxynitrite: biochemistry, pathophysiology and deve

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Biochemistry of protein tyrosine nitration in cardiovascular pathology. Cardiovascular Research, 2007, 75, 291-302.	3.8	257
2	Incorporation of the Hydrophobic Probe <i>N</i> -t-BOC-L-tyrosine <i>tert</i> -Butyl Ester to Red Blood Cell Membranes To Study Peroxynitrite-Dependent Reactions. Chemical Research in Toxicology, 2007, 20, 1638-1648.	3.3	15
3	Nitric oxide irreversibly inhibits cytochrome oxidase at low oxygen concentrations: Evidence for inverse oxygen concentration-dependent peroxynitrite formation. IUBMB Life, 2008, 60, 64-67.	3.4	11
4	Kinetic studies of the effects of cobalt salts on tyrosine nitration induced by peroxynitrite. Reaction Kinetics and Catalysis Letters, 2008, 94, 131-137.	0.6	2
5	Antinociceptive effect of CNS peroxynitrite scavenger in a mouse model of orofacial pain. Experimental Brain Research, 2008, 184, 435-438.	1.5	27
6	Inducible nitric oxide synthase gene deficiency counteracts multiple manifestations of peripheral neuropathy in a streptozotocin-induced mouse model of diabetes. Diabetologia, 2008, 51, 2126-2133.	6.3	76
7	Nuclear Factor E2-Related Factor 2-Dependent Myocardial Cytoprotection Against Oxidative and Electrophilic Stress. Cardiovascular Toxicology, 2008, 8, 71-85.	2.7	107
8	Pure manganese(III) 5,10,15,20-tetrakis(4-benzoic acid)porphyrin (MnTBAP) is not a superoxide dismutase mimic in aqueous systems: a case of structure-activity relationship as a watchdog mechanism in experimental therapeutics and biology. Journal of Biological Inorganic Chemistry, 2008, 13, 289-302.	2.6	89
9	Resveratrol disrupts peroxynitrite-triggered mitochondrial apoptotic pathway: a role for Bcl-2. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 1043-1053.	4.9	28
10	Specific protein nitration in nitric oxide-induced apoptosis of human monocytes. Apoptosis: an International Journal on Programmed Cell Death, 2008, 13, 1356-1367.	4.9	22
11	Oxidation of proteins: Basic principles and perspectives for blood proteomics. Proteomics - Clinical Applications, 2008, 2, 142-157.	1.6	55
12	The proteasome and its role in the degradation of oxidized proteins. IUBMB Life, 2008, 60, 743-752.	3.4	148
13	Estrogen is a modulator of vascular inflammation. IUBMB Life, 2008, 60, 376-382.	3.4	87
14	Amphiphilic/Bipolar Metalloporphyrins That Catalyze the Decomposition of Reactive Oxygen and Nitrogen Species, Rescue Lipoproteins from Oxidative Damage, and Attenuate Atherosclerosis in Mice. Angewandte Chemie - International Edition, 2008, 47, 7896-7900.	13.8	72
16	Human Arylamine <i>N</i> -Acetyltransferase 1: In Vitro and Intracellular Inactivation by Nitrosoarene Metabolites of Toxic and Carcinogenic Arylamines. Chemical Research in Toxicology, 2008, 21, 2005-2016.	3.3	31
17	Tumor-induced tolerance and immune suppression by myeloid derived suppressor cells. Immunological Reviews, 2008, 222, 162-179.	6.0	569
18	Peroxynitrite: <i>in vivo</i> cardioprotectant or arrhythmogen?. British Journal of Pharmacology, 2008, 155, 972-973.	5.4	6
19	Reconciling the chemistry and biology of reactive oxygen species. Nature Chemical Biology, 2008, 4, 278-286.	8.0	1,998

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20	A Voluntary Oral Ethanolâ€Feeding Rat Model Associated With Necroinflammatory Liver Injury. Alcoholism: Clinical and Experimental Research, 2008, 32, 669-682.	2.4	38
21	Impact of electrostatics in redox modulation of oxidative stress by Mn porphyrins: Protection of SOD-deficient Escherichia coli via alternative mechanism where Mn porphyrin acts as a Mn carrier. Free Radical Biology and Medicine, 2008, 45, 201-210.	2.9	55
22	Pharmacokinetics of the potent redox-modulating manganese porphyrin, MnTE-2-PyP5+, in plasma and major organs of B6C3F1 mice. Free Radical Biology and Medicine, 2008, 45, 943-949.	2.9	61
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31	Peroxynitrite Detoxification and Its Biologic Implications. Antioxidants and Redox Signaling, 2008, 10, 1607-1620.	5.4	90
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38	Role of the Peroxynitrite-Poly(ADP-Ribose) Polymerase Pathway in Human Disease. American Journal of Pathology, 2008, 173, 2-13.	3.8	348
39	Neurodegeneration in multiple sclerosis: The role of oxidative stress and excitotoxicity. Journal of the Neurological Sciences, 2008, 274, 48-53.	0.6	232
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41	Redox modulation of oxidative stress by Mn porphyrin-based therapeutics: The effect of charge distribution. Dalton Transactions, 2008, , 1233.	3.3	44
42	Biochemical Evaluation of Human DNA-Lysine Photoadduct Treated with Peroxynitrite. Toxicology Mechanisms and Methods, 2008, 18, 589-595.	2.7	14
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111	BODIPY-Based Fluorescent Probe for Peroxynitrite Detection and Imaging in Living Cells. <i>Organic Letters</i> , 2009, 11, 1887-1890.	4.6	173
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1085	A highly selective and sensitive red-emitting fluorescent probe for visualization of endogenous peroxynitrite in living cells and zebrafish. <i>Analyst</i> , The, 2019, 144, 3442-3449.	3.5	17
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1106	A dual-channel probe with green and near-infrared fluorescence changes for <i>in vitro</i> and <i>in vivo</i> detection of peroxynitrite. <i>Analytica Chimica Acta</i> , 2019, 1054, 137-144.	5.4	53
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