Assessment of chlorination by human neutrophils

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Citation Report

#	Article	IF	CITATIONS
1	The effect of d-penicillamine on human myeloperoxidase, a mechanism for the efficacy of the drug in rheumatoid arthritis. BBA - Proteins and Proteomics, 1983, 749, 18-23.	2.1	19
2	Oxidative mechanisms utilized by human neutrophils to destroy Escherichia coli. Blood, 1984, 63, 1361-1368.	0.6	37
3	Toxicity of oxygen radicals in cultured pulmonary endothelial cells. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1984, 13, 387-395.	1.1	26
4	Vitamin C. Stimulates the chlorinating activity of human myeloperoxidase. BBA - Proteins and Proteomics, 1984, 784, 189-191.	2.1	75
5	A kinetic study of the reaction between human myeloperoxidase, hydroperoxides and cyanide inhibition by chloride and thiocyanate. BBA - Proteins and Proteomics, 1984, 788, 1-10.	2.1	113
6	In vitro generation of hydrogen peroxide and of superoxide anion by bovine polymorphonuclear neutrophilic granulocytes, blood monocytes, and alveolar macrophages. Inflammation, 1984, 8, 251-275.	1.7	48
7	Activated polymorphonuclear leucocytes consume vitamin C. FEBS Letters, 1984, 178, 25-30.	1.3	85
8	Halogenated tyrosine derivatives in invertebrate scleroproteins: Isolation and identification. Methods in Enzymology, 1984, 107, 413-438.	0.4	28
9	Production of the superoxide adduct of myeloperoxidase (compound III) by stimulated human neutrophils and its reactivity with hydrogen peroxide and chloride. Biochemical Journal, 1985, 228, 583-592.	1.7	153
10	A possible origin of chemiluminescence in phagocytosing neutrophils reaction between chloramines and H2O2. International Journal of Biochemistry & Cell Biology, 1985, 17, 515-519.	0.8	10
11	Formation of HCN by human phagocytosing neutrophils — 1. Chlorination of Staphylococcus epidermidis as a source of HCN. International Journal of Biochemistry & Cell Biology, 1985, 17, 373-379.	0.8	27
12	Oxidative Stress in Human Neutrophilic Granulocytes: Host Defence and Self-Defence. , 1985, , 351-381.		22
13	Energetics of interconversion reactions of oxyradicals. Advances in Free Radical Biology & Medicine, 1985, 1, 91-131.	2.2	258
14	Neutrophil oxygen reduction: The enzymes and the products. Advances in Free Radical Biology & Medicine, 1985, 1, 265-307.	2.2	73
15	Effect of ascorbic acid on the production of singlet oxygen by purified human myeloperoxidase. FEBS Letters, 1985, 187, 299-301.	1.3	14
16	Lysosomal enzyme activity in pulmonary alveolar macrophages, peritoneal macrophages, and blood mononuclear leukocytes in the hypothyroid rat. Journal of Surgical Research, 1985, 39, 413-419.	0.8	6
17	Similarity of kinetics of three types of myeloperoxidase from human leukocytes and four types from HL-60 cells. Archives of Biochemistry and Biophysics, 1986, 245, 167-173.	1.4	39
18	Involvement of leukocytes in the oxygenation and chlorination reaction of phenylbutazone. Biochemical Pharmacology, 1986, 35, 3935-3939.	2.0	37

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19	The generation of utilization of chlorinated oxidants by human neutrophils. Advances in Free Radical Biology & Medicine, 1986, 2, 91-116.	2.2	100
20	Formation of HCN and its chlorination to c1cn by stimulated human neutrophils—2. Oxidation of thiocyanate as a source of HCN. International Journal of Biochemistry & Cell Biology, 1986, 18, 1107-1114.	0.8	32
21	Changes in host cell membrane activities in response to adhesion of Neisseria gonorrhoeae. Canadian Journal of Microbiology, 1986, 32, 83-88.	0.8	7
22	[40] Preparation and characterization of chloramines. Methods in Enzymology, 1986, 132, 569-585.	0.4	320
23	The antioxidant action of human extracellular fluids. Effect of human serum and its protein components on the inactivation of α1-antiproteinase by hypochlorous acid and by hydrogen peroxide. Biochemical Journal, 1987, 243, 219-223.	1.7	147
24	Antifungal Mechanisms of Leukocytes. Japanese Journal of Medical Mycology, 1988, 29, 1-6.	0.0	0
25	Leukocytic Oxygen Activation and Microbicidal Oxidative Toxin. Critical Reviews in Biochemistry and Molecular Biology, 1989, 24, 271-328.	2.3	220
26	Stimulation of the Chlorinating Activity of Human Myeloperoxidase by Thyroid Hormones and Analogues. Hormone and Metabolic Research, 1989, 21, 441-444.	0.7	7
27	The interaction of 5,5-dimethyl-1-pyrroline-N-oxide with human myeloperoxidase and its potential impact on spin trapping of neutrophil-derived free radicals. Archives of Biochemistry and Biophysics, 1989, 275, 72-81.	1.4	9
28	Bromine derivatives of amino acids as intermediates in the peroxidase-catalyzed formation of singlet oxygen. Archives of Biochemistry and Biophysics, 1989, 274, 229-234.	1.4	36
29	Tissue Destruction by Neutrophils. New England Journal of Medicine, 1989, 320, 365-376.	13.9	3,891
30	Regulation of Phagolysosome pH in Bovine and Human Neutrophils: The Role of NADPH Oxidase Activity and an Na+/H+ Antiporter. Journal of Leukocyte Biology, 1989, 45, 239-248.	1.5	24
31	A sensitive and specific assay for superoxide anion released by neutrophils or macrophages based on bioluminescence of polynoidin. Analytical Biochemistry, 1990, 184, 369-374.	1.1	21
32	2 Neutrophil Oxidants: Production and Reactions. , 1990, , 31-70.		26
33	Superoxide enhances hypochlorous acid production by stimulated human neutrophils. Biochimica Et Biophysica Acta - Molecular Cell Research, 1990, 1052, 379-385.	1.9	44
34	Effects of hypochlorous acid and chloramines on vascular resistance, cell integrity, and biliary glutathione disulfide in the perfused rat liver: modulation by glutathione. Journal of Hepatology, 1991, 13, 84-89.	1.8	57
35	Hypochlorous acid mobilizes cellular zinc. Canadian Journal of Physiology and Pharmacology, 1991, 69, 1686-1691.	0.7	26
36	The Neutrophil: Mechanisms of Controlling Periodontal Bacteria. Journal of Periodontology, 1991, 62, 761-774.	1.7	181

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37	Stimulation of phagocytosis in rat polymorphonuclear leukocytes by A23187 is accompanied by activation of myeloperoxidase. Biochemical and Biophysical Research Communications, 1991, 176, 364-370.		2
38	Nonradical oxidants of the phagocyte type induce the activation of plasmatic single chain- urokinase. Thrombosis Research, 1991, 64, 597-610.	0.8	13
39	Factor XIII of blood coagulation inhibits the oxidative phagocyte metabolism and suppresses the immune response in vivo. Thrombosis Research, 1991, 63, 227-238.	0.8	8
40	Nonradical oxidants of the phagocyte type induce the activation of plasmatic single chain- urokinase. Thrombosis Research, 1991, 65, 597-610.	0.8	0
41	Effect of Tumor Necrosis Factor on the Generation of Chlorinated Oxidants by Adherent Human Neutrophils. Journal of Leukocyte Biology, 1991, 50, 131-139.	1.5	18
42	Stimulation by gonococci of chloride ion uptake in human leucocytes in relation to other properties of phagocytosis. Journal of Medical Microbiology, 1991, 34, 285-293.	0.7	0
43	Breakage and binding of DNA by reaction products of hypochlorous acid with aniline, 1-naphthylamine, or 1-naphthol. Toxicology and Applied Pharmacology, 1992, 115, 107-115.	1.3	21
44	Superoxide is an antagonist of anti-inflammatory drugs that inhibit hypochlorous acid production by myeloperoxidase. Biochemical Pharmacology, 1993, 45, 2003-2010.	2.0	83
45	Peroxidation of human blood lipoproteins induced by exogenous hypochlorite or hypochlorite generated in the system of "myeloperoxidase + H2O2 + Clâ^†Free Radical Biology and Medicine, 1994, 16, 143-148.	1.3	66
46	Decrease in Myeloperoxidase during Differentiation of Bone Marrow Cells by Colony-Stimulating Factor Biological and Pharmaceutical Bulletin, 1994, 17, 546-547.	0.6	3
47	Inhibition of myeloperoxidase by benzoic acid hydrazides. Biochemical Journal, 1995, 308, 559-563.	1.7	159
48	Hypochlorite induces lipid peroxidation in blood lipoproteins and phospholipid liposomes. Free Radical Biology and Medicine, 1995, 19, 133-140.	1.3	54
49	Oxidation of Bromide by the Human Leukocyte Enzymes Myeloperoxidase and Eosinophil Peroxidase. Journal of Biological Chemistry, 1995, 270, 2906-2913.	1.6	164
50	Chlorination of Tyrosyl Residues in Peptides by Myeloperoxidase and Human Neutrophils. Journal of Biological Chemistry, 1995, 270, 16542-16548.	1.6	303
51	Neutrophils convert tyrosyl residues in albumin to chlorotyrosine. FEBS Letters, 1996, 379, 103-106.	1.3	175
52	Bacterial glutathione: a sacrificial defense against chlorine compounds. Journal of Bacteriology, 1996, 178, 2131-2135.	1.0	140
53	Hypochlorous acid stress in Escherichia coli: resistance, DNA damage, and comparison with hydrogen peroxide stress. Journal of Bacteriology, 1996, 178, 6145-6150.	1.0	248
54	Molecular Chlorine Generated by the Myeloperoxidase-Hydrogen Peroxide-Chloride System of Phagocytes Converts Low Density Lipoprotein Cholesterol into a Family of Chlorinated Sterols. Journal of Biological Chemistry, 1996, 271, 23080-23088.	1.6	201

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55	Alterations in Phagocyte Function and Periodontal Infection. Journal of Periodontology, 1996, 67, 1070-1075.	1.7	37
56	Effects of Reagent and Enzymatically Generated Hypochlorite on Physicochemical and Metabolic Properties of High Density Lipoproteins. Journal of Biological Chemistry, 1997, 272, 29711-29720.	1.6	99
57	Formation of Reactive Nitrogen Species during Peroxidase-catalyzed Oxidation of Nitrite. Journal of Biological Chemistry, 1997, 272, 7617-7625.	1.6	735
58	p-Hydroxyphenylacetaldehyde, the Major Product of l-Tyrosine Oxidation by the Myeloperoxidase-H2O2-Chloride System of Phagocytes, Covalently Modifies ε-Amino Groups of Protein Lysine Residues. Journal of Biological Chemistry, 1997, 272, 16990-16998.	1.6	77
59	Mechanism of inactivation of myeloperoxidase by 4-aminobenzoic acid hydrazide. Biochemical Journal, 1997, 321, 503-508.	1.7	211
60	Thiocyanate and chloride as competing substrates for myeloperoxidase. Biochemical Journal, 1997, 327, 487-492.	1.7	372
61	Myeloperoxidase: a key regulator of neutrophil oxidant production. Redox Report, 1997, 3, 3-15.	1.4	621
62	3-Chlorotyrosine, a specific marker of myeloperoxidase-catalyzed oxidation, is markedly elevated in low density lipoprotein isolated from human atherosclerotic intima Journal of Clinical Investigation, 1997, 99, 2075-2081.	3.9	758
63	Intraphagosomal Chlorination Dynamics and Yields Determined Using Unique Fluorescent Bacterial Mimics. Chemical Research in Toxicology, 1997, 10, 1080-1089.	1.7	86
64	Hypochlorous Acid-Induced Base Modifications in Isolated Calf Thymus DNA. Chemical Research in Toxicology, 1997, 10, 1240-1246.	1.7	157
65	Human neutrophils employ the myeloperoxidase-hydrogen peroxide-chloride system to convert hydroxy-amino acids into glycolaldehyde, 2-hydroxypropanal, and acrolein. A mechanism for the generation of highly reactive alpha-hydroxy and alpha,beta-unsaturated aldehydes by phagocytes at sites of inflammation Journal of Clinical Investigation, 1997, 99, 424-432.	3.9	349
66	Aminobenzoic Acid Compounds as HOCl Traps for Activated Neutrophils. Free Radical Biology and Medicine, 1997, 22, 989-998.	1.3	10
67	Mass Spectrometric Quantification of 3-Chlorotyrosine in Human Tissues with Attomole Sensitivity. Free Radical Biology and Medicine, 1997, 23, 909-916.	1.3	124
68	Pathways for oxidation of low density lipoprotein by myeloperoxidase: tyrosyl radical, reactive aldehydes, hypochlorous acid and molecular chlorine. BioFactors, 1997, 6, 145-155.	2.6	74
69	The mechanism of the hypochloriteâ€induced lipid peroxidation. BioFactors, 1997, 6, 181-190.	2.6	41
70	Spectrophotometric Assay for Hypochlorite/Hypochlorous Acid Using Tris(2-carboxyethyl)phosphine. Microchemical Journal, 1998, 58, 218-224.	2.3	9
71	Differential reactivities of hypochlorous and hypobromous acids with purified Escherichia coli phospholipid: formation of haloamines and halohydrins. Lipids and Lipid Metabolism, 1998, 1392, 254-264.	2.6	48
72	Activation of CTP:phosphocholine cytidylyltransferase by hypochlorite-oxidized phosphatidylcholines. Lipids and Lipid Metabolism, 1998, 1393, 90-98.	2.6	7

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73	Hypochlorous Acid Activates the Tumor Suppressor Protein p53 in Cultured Human Skin Fibroblasts. Archives of Biochemistry and Biophysics, 1998, 359, 51-56.	1.4	49
74	Oxidants and antioxidants in the pathogenesis of atherosclerosis: implications for the oxidized low density lipoprotein hypothesis. Atherosclerosis, 1998, 141, 1-15.	0.4	386
75	Naturally Occurring Organohalogen Compounds. Accounts of Chemical Research, 1998, 31, 141-152.	7.6	557
76	Coupling 2D SDSâ^'PAGE with CNBr Cleavage and MALDI-TOFMS:  A Strategy Applied to the Identification of Proteins Induced by a Hypochlorous Acid Stress in Escherichia coli. Analytical Chemistry, 1998, 70, 4433-4440.	3.2	32
77	Oxidation of defined antigens allows protein unfolding and increases both proteolytic processing and exposes peptide epitopes which are recognized by specific T cells. Immunology, 1998, 95, 314-321.	2.0	44
78	Inside the Neutrophil Phagosome: Oxidants, Myeloperoxidase, and Bacterial Killing. Blood, 1998, 92, 3007-3017.	0.6	1,321
79	Modification of Type III VLDL, Their Remnants, and VLDL From ApoE-Knockout Mice by p -Hydroxyphenylacetaldehyde, a Product of Myeloperoxidase Activity, Causes Marked Cholesteryl Ester Accumulation in Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1238-1249.	1.1	28
80	Detection of 3-chlorotyrosine in proteins exposed to neutrophil oxidants. Methods in Enzymology, 1999, 300, 111-120.	0.4	26
81	Molecular Chlorine Generated by the Myeloperoxidase-Hydrogen Peroxide-Chloride System of Phagocytes Produces 5-Chlorocytosine in Bacterial RNA. Journal of Biological Chemistry, 1999, 274, 33440-33448.	1.6	109
82	Modification of proteins and lipids by myeloperoxidase. Methods in Enzymology, 1999, 300, 88-105.	0.4	68
83	Antimicrobial activity of a porcine myeloperoxidase against plant pathogenic bacteria and fungi. Journal of Applied Microbiology, 1999, 86, 211-220.	1.4	27
84	3-Bromotyrosine and 3,5-Dibromotyrosine Are Major Products of Protein Oxidation by Eosinophil Peroxidase: Potential Markers for Eosinophil-Dependent Tissue Injury in Vivoâ€. Biochemistry, 1999, 38, 3538-3548.	1.2	180
85	Physiological production of singlet molecular oxygen in the myeloperoxidase-H2O2-chloride system. FEBS Letters, 1999, 443, 154-158.	1.3	67
86	Reactive Oxygen Species Are Partially Involved in the Bacteriocidal Action of Hypochlorous Acid. Archives of Biochemistry and Biophysics, 1999, 367, 311-316.	1.4	82
87	Hypochlorous Acid-Induced DNA Base Modification: Potentiation by Nitrite: Biomarkers of DNA Damage by Reactive Oxygen Species. Biochemical and Biophysical Research Communications, 1999, 257, 572-576.	1.0	65
88	8-Chloroadenine: a novel product formed from hypochlorous acid-induced damage to calf thymus DNA. Biomarkers, 1999, 4, 303-310.	0.9	44
89	[48] Analysis of aromatic nitration, chlorination, and hydroxylation by gas chromatography-mass spectrometry. Methods in Enzymology, 1999, 301, 471-483.	0.4	8
90	Vitamin C protects against and reverses specific hypochlorous acid- and chloramine-dependent modifications of low-density lipoprotein. Biochemical Journal, 2000, 346, 491.	1.7	29

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91	Vitamin C protects against and reverses specific hypochlorous acid- and chloramine-dependent modifications of low-density lipoprotein. Biochemical Journal, 2000, 346, 491-499.	1.7	96
92	Production of pyruvate byCandida albicans: proposed role in virulence. FEMS Microbiology Letters, 2000, 190, 35-38.	0.7	8
93	Nitrite-induced deamination and hypochlorite-induced oxidation of DNA in intact human respiratory tract epithelial cells. Free Radical Biology and Medicine, 2000, 28, 1039-1050.	1.3	105
94	Myeloperoxidase-generated oxidants and atherosclerosis. Free Radical Biology and Medicine, 2000, 28, 1717-1725.	1.3	541
95	Comparison of HOCl traps with myeloperoxidase inhibitors in prevention of low density lipoprotein oxidation. BBA - Proteins and Proteomics, 2000, 1481, 109-118.	2.1	33
96	Kinetics of chlorination of monochlorodimedone by myeloperoxidase. International Journal of Clinical and Laboratory Research, 2000, 30, 33-37.	1.0	7
97	Living with a Killer: The Effects of Hypochlorous Acid on Mammalian Cells. IUBMB Life, 2000, 50, 259-266.	1.5	226
98	Inflammatory Properties of IgG Modified by Oxygen Radicals and Peroxynitrite. Journal of Immunology, 2000, 165, 6532-6537.	0.4	49
99	Chlorine: the only green element – towards a wider acceptance of its role in natural cycles. Green Chemistry, 2000, 2, 173-225.	4.6	107
100	Single nucleotide polymorphisms, metabolic activation and environmental carcinogenesis: why molecular epidemiologists should think about enzyme expression. Carcinogenesis, 2001, 22, 209-214.	1.3	65
101	Reaction of Acylated Homoserine Lactone Bacterial Signaling Molecules with Oxidized Halogen Antimicrobials. Applied and Environmental Microbiology, 2001, 67, 3174-3179.	1.4	169
102	Effect of Sodium Butyrate on Reactive Oxygen Species Generation by Human Neutrophils. Scandinavian Journal of Gastroenterology, 2001, 36, 744-750.	0.6	42
103	8-Nitroxanthine, an Adduct Derived from 2â€~-Deoxyguanosine or DNA Reaction with Nitryl Chloride. Chemical Research in Toxicology, 2001, 14, 536-546.	1.7	34
104	Formation of Spiroiminodihydantoin Nucleoside by Reaction of 8-Oxo-7,8-dihydro-2â€~-deoxyguanosine with Hypochlorous Acid or a Myeloperoxidase-H2O2-Cl-System. Chemical Research in Toxicology, 2001, 14, 1163-1169.	1.7	44
105	Electrophilic Oxidant Produced in the Photodeoxygenation of 1,2-Benzodiphenylene Sulfoxide. Journal of Organic Chemistry, 2001, 66, 4576-4579.	1.7	54
106	Intracellular Oxidation of Dipeptides. Base-Promoted Elimination fromN-Halodipeptides to 2-[N-Alkyl-N-(2-N-alkylimino-2-alkylethanoyl)amino]-2,2-dialkylethanoic Acids. Journal of Organic Chemistry, 2001, 66, 5692-5700.	1.7	3
107	Hypochlorous Acid Oxygenates the Cysteine Switch Domain of Pro-matrilysin (MMP-7). Journal of Biological Chemistry, 2001, 276, 41279-41287.	1.6	414
108	Increased atherosclerosis in myeloperoxidase-deficient mice. Journal of Clinical Investigation, 2001, 107, 419-430.	3.9	292

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109	Living with a Killer: The Effects of Hypochlorous Acid on Mammalian Cells. IUBMB Life, 2000, 50, 259-266.	1.5	95
110	Relative reactivities ofN-chloramines and hypochlorous acid with human plasma constituents. Free Radical Biology and Medicine, 2001, 30, 526-536.	1.3	69
111	LDL Modified by Hypochlorous Acid Is a Potent Inhibitor of Lecithin-Cholesterol Acyltransferase Activity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2001, 21, 1040-1045.	1.1	32
112	Production of Brominating Intermediates by Myeloperoxidase. Journal of Biological Chemistry, 2001, 276, 7867-7875.	1.6	113
113	Effect of Sodium Butyrate on Reactive Oxygen Species Generation by Human Neutrophils. Scandinavian Journal of Gastroenterology, 2001, 36, 744-750.	0.6	52
114	Detection and Quantification of 5-Chlorocytosine in DNA by Stable Isotope Dilution and Gas Chromatography/Negative Ion Chemical Ionization/Mass Spectrometry. Chemical Research in Toxicology, 2002, 15, 262-268.	1.7	31
115	A Tale of Two Controversies. Journal of Biological Chemistry, 2002, 277, 17415-17427.	1.6	452
116	Inhibition of hypochlorous acid-induced cellular toxicity by nitrite. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12061-12066.	3.3	53
117	Distinct Modes of Cell Death Induced by Different Reactive Oxygen Species. Journal of Biological Chemistry, 2002, 277, 20518-20526.	1.6	65
118	Vitamin C Protects Against Hypochlorous Acid–Induced Glutathione Depletion and DNA Base and Protein Damage in Human Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 574-580.	1.1	44
119	Human Neutrophils Use the Myeloperoxidase-Hydrogen Peroxide-Chloride System to Chlorinate but Not Nitrate Bacterial Proteins during Phagocytosis. Journal of Biological Chemistry, 2002, 277, 30463-30468.	1.6	93
120	Novel products generated from 2'-deoxyguanosine by hypochlorous acid or a myeloperoxidase-H2O2-Cl- system: identification of diimino-imidazole and amino-imidazolone nucleosides. Nucleic Acids Research, 2002, 30, 2555-2564.	6.5	31
121	Antioxidant responses to oxidant-mediated lung diseases. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L246-L255.	1.3	231
122	Role of Nitrite on Nitration of 2′â€Deoxyguanosine by Nitryl Chloride. Journal of the Chinese Chemical Society, 2002, 49, 275-281.	0.8	2
123	Reactive Nitrogen and Oxygen Intermediates and Bacterial Defenses: Unusual Adaptations inMycobacterium tuberculosis. Antioxidants and Redox Signaling, 2002, 4, 141-159.	2.5	92
124	Nicotine-modulated formation of spiroiminodihydantoin nucleoside via 8-oxo-7,8-dihydro-2′-deoxyguanosine in 2′-deoxyguanosine-hypochlorous acid reaction. FEBS Letters, 2002, 516, 67-70.	1.3	21
125	Genetic polymorphisms and lung cancer susceptibility: a review. Lung Cancer, 2002, 37, 241-256.	0.9	149
126	DNA damage induced by hypochlorite and hypobromite with reference to inflammation-associated carcinogenesis. Cancer Letters, 2002, 178, 37-42.	3.2	39

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127	Respiratory Burst Oxidase of Fertilization Peroxidative Mechanisms in Sea Urchin Eggs and Human Phagocytes. , 2002, , 543-555.		0
128	Spectrophotometric determination of leukocytes in blood. Journal of Clinical Laboratory Analysis, 2002, 16, 233-236.	0.9	1
129	The antioxidant capacity of saliva. Journal of Clinical Periodontology, 2002, 29, 189-194.	2.3	254
130	Amino acid and protein oxidation in cardiovascular disease. Amino Acids, 2003, 25, 365-374.	1.2	54
131	Protein oxidation at the air-lung interface. Amino Acids, 2003, 25, 375-396.	1.2	94
132	Nitrite-mediated protection against hypochlorous acid-induced chondrocyte toxicity: A novel cytoprotective role of nitric oxide in the inflamed joint?. Arthritis and Rheumatism, 2003, 48, 3140-3150.	6.7	38
133	MCLA-dependent chemiluminescence suggests that singlet oxygen plays a pivotal role in myeloperoxidase-catalysed bactericidal action in neutrophil phagosomes. Luminescence, 2003, 18, 229-238.	1.5	29
134	Identification and quantification of mutagenic halogenated cytosines by gas chromatography, fast atom bombardment, and electrospray ionization tandem mass spectrometry. Analytical Biochemistry, 2003, 317, 201-209.	1.1	15
135	Identification of Products Formed by Reaction of 3â€~,5â€~-Di-O-acetyl-2â€~-deoxyguanosine with Hypochlorous Acid or a Myeloperoxidaseâ^'H2O2â^'Cl- System. Chemical Research in Toxicology, 2003, 16, 382-389.	1.7	39
136	Biological and dietary antioxidants protect against DNA nitration induced by reaction of hypochlorous acid with nitrite. Archives of Biochemistry and Biophysics, 2003, 415, 109-116.	1.4	15
137	Inhibition of hypochlorous acid-induced oxidative reactions by nitrite: is nitrite an antioxidant?. Biochemical and Biophysical Research Communications, 2003, 303, 1217-1224.	1.0	24
138	Hypochlorous acid alters bronchial epithelial cell membrane properties and prevention by extracellular glutathione. Journal of Applied Physiology, 2003, 95, 2444-2452.	1.2	40
139	Phagocytes Produce 5-Chlorouracil and 5-Bromouracil, Two Mutagenic Products of Myeloperoxidase, in Human Inflammatory Tissue. Journal of Biological Chemistry, 2003, 278, 23522-23528.	1.6	128
140	Identification and characterization of a novel cross-link lesion in d(CpC) upon 365-nm irradiation in the presence of 2-methyl-1,4-naphthoquinone. Nucleic Acids Research, 2003, 31, 5413-5424.	6.5	23
141	Lysine Residues Direct the Chlorination of Tyrosines in YXXK Motifs of Apolipoprotein A-I When Hypochlorous Acid Oxidizes High Density Lipoprotein. Journal of Biological Chemistry, 2004, 279, 7856-7866.	1.6	112
142	Antimicrobial reactive oxygen and nitrogen species: concepts and controversies. Nature Reviews Microbiology, 2004, 2, 820-832.	13.6	1,400
143	EPIGALLOCATECHIN GALLATE MARKEDLY ENHANCES FORMATION OF 8-OXO-7,8-DIHYDRO-2â€ ² -DEOXYGUANOSINE IN THE REACTION OF 2â€ ² -DEOXYGUANOSINE WITH HYPOCHLO ACID. Free Radical Biology and Medicine, 2004, 36, 1087-1093.	Rolys	12
144	Vulnerability of brain tissue to inflammatory oxidant, hypochlorous acid. Brain Research, 2004, 997, 176-184.	1.1	36

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145	Spectrophotometric determination of leukocytes in urine. Journal of Clinical Laboratory Analysis, 2004, 18, 251-254.	0.9	3
146	Synthesis and Characterization of Oligonucleotides Containing 5-Chlorocytosine. Chemical Research in Toxicology, 2004, 17, 1236-1244.	1.7	22
147	Urinary eicosanoid and tyrosine derivative concentrations in patients with vasculitides. Journal of Allergy and Clinical Immunology, 2004, 114, 1353-1358.	1.5	33
148	Oxidized caprine alpha-2-macroglobulin: damaged but not completely dysfunctional. Biochimica Et Biophysica Acta - General Subjects, 2004, 1674, 139-48.	1.1	2
149	Structural and functional characterization of the two human ThOX/Duox genes and their 5′-flanking regions. Molecular and Cellular Endocrinology, 2004, 214, 53-62.	1.6	69
150	Oxidative stress in atherogenesis and arterial thrombosis: the disconnect between cellular studies and clinical outcomes. Journal of Thrombosis and Haemostasis, 2005, 3, 254-267.	1.9	179
151	Hypochlorous acid-mediated mitochondrial dysfunction and apoptosis in human hepatoma HepG2 and human fetal liver cells: role of mitochondrial permeability transition. Free Radical Biology and Medicine, 2005, 38, 1571-1584.	1.3	108
152	Oxidative Stress and Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 29-38.	1.1	1,217
153	Tyrosine 192 in Apolipoprotein A-I Is the Major Site of Nitration and Chlorination by Myeloperoxidase, but Only Chlorination Markedly Impairs ABCA1-dependent Cholesterol Transport. Journal of Biological Chemistry, 2005, 280, 5983-5993.	1.6	208
154	5-Halogenated pyrimidine lesions within a CpG sequence context mimic 5-methylcytosine by enhancing the binding of the methyl-CpG-binding domain of methyl-CpG-binding protein 2 (MeCP2). Nucleic Acids Research, 2005, 33, 3057-3064.	6.5	63
155	Myeloperoxidase: friend and foe. Journal of Leukocyte Biology, 2005, 77, 598-625.	1.5	1,833
156	Charge compensation during the phagocyte respiratory burst. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 996-1011.	0.5	123
157	CFTR Expression in Human Neutrophils and the Phagolysosomal Chlorination Defect in Cystic Fibrosisâ€. Biochemistry, 2006, 45, 10260-10269.	1.2	241
158	DNA Damage and Mutation Caused by Vital Biomolecules, Water, Nitric Oxide, and Hypochlorous Acid. Genes and Environment, 2006, 28, 48-55.	0.9	8
159	Hypochlorous acid induces apoptosis of cultured cortical neurons through activation of calpains and rupture of lysosomes. Journal of Neurochemistry, 2006, 98, 1597-1609.	2.1	133
160	Effects of MCI-186 upon neutrophil-derived active oxygens. Redox Report, 2007, 12, 189-194.	1.4	11
161	Activated neutrophils inhibit nucleotide excision repair in human pulmonary epithelial cells: role of myeloperoxidase. FASEB Journal, 2007, 21, 2359-2367.	0.2	67
162	Endogenous Cytosine Damage Products Alter the Site Selectivity of Human DNA Maintenance Methyltransferase DNMT1. Cancer Research, 2007, 67, 946-950.	0.4	462

ARTICLE IF CITATIONS Environmental and Genetic Risk Factors of Lung Cancer., 2007,, 67-100. 3 163 Chlorinative stress: An under appreciated mediator of neurodegeneration?. Cellular Signalling, 2007, 164 1.7 499 19, 219-228. Perchlorate Distribution, Excretion, and Depuration in Prairie Voles and Deer Mice. Water, Air, and 165 7 1.1 Soil Pollution, 2008, 192, 127-139. Inhibitory effect of hypochlorous acid on lower esophageal sphincter tone relaxation by vasoactive intestinal peptide. Archives of Pharmacal Research, 2008, 31, 1552-1558. Allopurinol improves endothelial function and reduces oxidant-inflammatory enzyme of 167 1.5 72 myeloperoxidase in metabolic syndrome. Clinical Research in Cardiology, 2008, 97, 334-340. Reaction of hypochlorous acid with imidazole: Formation of 2-chloro- and 2-oxoimidazoles. Journal 1.5 of Computational Chemistry, 2008, 29, 98-107. The function of the NADPH oxidase of phagocytes and its relationship to other NOXs in plants, 169 1.2 116 invertebrates, and mammals. International Journal of Biochemistry and Cell Biology, 2008, 40, 604-618. Loss of 3-chlorotyrosine by inflammatory oxidants: Implications for the use of 3-chlorotyrosine as a 1.0 bio-marker in vivo. Biochemical and Biophysical Research Communications, 2008, 371, 50-53. Chlorotyrosine promotes human aortic smooth muscle cell migration through increasing superoxide 171 0.4 20 anion production and ERK1/2 activation. Atherosclerosis, 2008, 201, 67-75. Hypochlorous Acid Damages Histone Proteins Forming 3-Chlorotyrosine and 3,5-Dichlorotyrosine. 1.7 Chemical Research in Toxicology, 2008, 21, 1028-1038. Bulky DNA Lesions Induced by Reactive Oxygen Species. Chemical Research in Toxicology, 2008, 21, 173 1.7 144 276-281. Using Tandem Mass Spectrometry to Quantify Siteâ€Specific Chlorination and Nitration of Proteins: Model System Studies with Highâ€Density Lipoprotein Oxidized by Myeloperoxidase. Methods in Enzymology, 2008, 440, 33-63. 174 0.4 29 The role of chloride anion and CFTR in killing of <i>Pseudomonas aeruginosa</i>) by normal and CF 175 1.5 129 neutrophils. Journal of Leukocyte Biology, 2008, 83, 1345-1353. Activated neutrophils induce an hMSH2-dependent G2/M checkpoint arrest and replication errors at a 6.1 (CA)13-repeat in colon epithelial cells. Gut, 2008, 57, 780-787. Preparation and Characterization of a Polyclonal Antibody against Brominated Protein. Journal of 177 9 0.6 Clinical Biochemistry and Nutrition, 2009, 44, 95-103. Voltage-gated proton channels maintain pH in human neutrophils during phagocytosis. Proceedings 161 of the National Academy of Sciences of the United States of America, 2009, 106, 18022-18027. Stimuli-responsive antioxidant nanoprodrugs of NSAIDs. International Journal of Pharmaceutics, 179 2.6 10 2009, 372, 112-124. Incorporation of 5-chlorocytosine into mammalian DNA results in heritable gene silencing and 1.3 altered cytosine methylation patterns. Carcinogenesis, 2009, 30, 886-893.

#	Article	IF	CITATIONS
181	Vitamin C attenuates hypochlorite-mediated loss of paraoxonase-1 activity from human plasma. Nutrition Research, 2009, 29, 114-122.	1.3	14
182	Inhalation of environmental stressors & chronic inflammation: Autoimmunity and neurodegeneration. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 674, 62-72.	0.9	41
183	A theoretical study on the mechanism of the base-promoted decomposition of N-chloro,N-methylethanolamine. Organic and Biomolecular Chemistry, 2009, 7, 1807.	1.5	6
184	RNA interference against CFTR affects HL60-derived neutrophil microbicidal function. Free Radical Biology and Medicine, 2010, 49, 1872-1880.	1.3	18
185	Synthetic water-soluble phenolic antioxidant regulates L-arginine metabolism in macrophages: A possible role of Nrf2/ARE. Biochemistry (Moscow), 2010, 75, 549-553.	0.7	2
186	Myeloperoxidase-dependent Inactivation of Surfactant Protein D in Vitro and in Vivo. Journal of Biological Chemistry, 2010, 285, 16757-16770.	1.6	29
187	Influence of myeloperoxidase by anti-myeloperoxidase antibodies and its association with the disease activity in microscopic polyangiitis. Rheumatology, 2010, 49, 2068-2075.	0.9	9
188	Mechanisms and Modification of Chlorine-induced Lung Injury in Animals. Proceedings of the American Thoracic Society, 2010, 7, 278-283.	3.5	77
189	Redox Control of Asthma: Molecular Mechanisms and Therapeutic Opportunities. Antioxidants and Redox Signaling, 2010, 12, 93-124.	2.5	199
190	Genotoxic effects of neutrophils and hypochlorous acid. Mutagenesis, 2010, 25, 149-154.	1.0	226
192	Practical Aspects of Computational Chemistry. , 2010, , .		23
193	Voltage-Gated Proton Channels Find Their Dream Job Managing the Respiratory Burst in Phagocytes. Physiology, 2010, 25, 27-40.	1.6	83
194	Structure, function and regulation of the DNA-binding protein Dps and its role in acid and oxidative stress resistance in Escherichia coli: a review. Journal of Applied Microbiology, 2011, 110, 375-386.	1.4	176
195	Ascorbate and Deferoxamine Administration after Chlorine Exposure Decrease Mortality and Lung Injury in Mice. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 386-392.	1.4	60
196	Influence of myeloperoxidase-catalyzing reaction on the binding between myeloperoxidase and anti-myeloperoxidase antibodies. Human Immunology, 2012, 73, 364-369.	1.2	4
197	αâ€Defensins in human innate immunity. Immunological Reviews, 2012, 245, 84-112.	2.8	359
198	Formation of ring-opened and rearranged products of guanine: Mechanisms and biological significance. Free Radical Biology and Medicine, 2012, 53, 81-94.	1.3	52
199	Hypochlorous acid as a precursor of free radicals in living systems. Biochemistry (Moscow), 2013, 78, 1466-1489.	0.7	99

#	Article	IF	CITATIONS
200	Voltage-Gated Proton Channels: Molecular Biology, Physiology, and Pathophysiology of the H _V Family. Physiological Reviews, 2013, 93, 599-652.	13.1	203
201	Myeloperoxidase: a front-line defender against phagocytosed microorganisms. Journal of Leukocyte Biology, 2013, 93, 185-198.	1.5	541
202	Redox signaling in cardiovascular health and disease. Free Radical Biology and Medicine, 2013, 61, 473-501.	1.3	172
203	Miscoding properties of 8-chloro-2′-deoxyguanosine, a hypochlorous acid-induced DNA adduct, catalysed by human DNA polymerases. Mutagenesis, 2013, 28, 81-88.	1.0	14
204	Direct Electric Current Treatment under Physiologic Saline Conditions Kills Staphylococcus epidermidis Biofilms via Electrolytic Generation of Hypochlorous Acid. PLoS ONE, 2013, 8, e55118.	1.1	66
205	Neutrophil-Mediated Phagocytic Host Defense Defect in Myeloid Cftr-Inactivated Mice. PLoS ONE, 2014, 9, e106813.	1.1	53
206	Identification and Quantitation of Superoxide Anion: Essential Steps in Elucidation of the Phagocyte "Respiratory Burst― Journal of Immunology, 2014, 193, 5357-5358.	0.4	9
207	Lead toxicity on non-specific immune mechanisms of freshwater fish Channa punctatus. Aquatic Toxicology, 2014, 152, 105-112.	1.9	70
208	Myeloperoxidase in human neutrophil host defence. Cellular Microbiology, 2014, 16, 1146-1155.	1.1	196
209	Salt, chloride, bleach, and innate host defense. Journal of Leukocyte Biology, 2015, 98, 163-172.	1.5	35
210	Exploring oxidative modifications of tyrosine: An update on mechanisms of formation, advances in analysis and biological consequences. Free Radical Research, 2015, 49, 347-373.	1.5	101
211	A central role for intermolecular dityrosine cross-linking of fibrinogen in high molecular weight advanced oxidation protein product (AOPP) formation. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1-12.	1.1	48
212	The intimate and controversial relationship between voltageâ€gated proton channels and the phagocyte <scp>NADPH</scp> oxidase. Immunological Reviews, 2016, 273, 194-218.	2.8	44
213	Mutagenic consequences of cytosine alterations site-specifically embedded in the human genome. Genes and Environment, 2016, 38, 17.	0.9	23
214	In Vitro Oxidation of Collagen Promotes the Formation of Advanced Oxidation Protein Products and the Activation of Human Neutrophils. Inflammation, 2016, 39, 916-927.	1.7	11
215	Reactive oxygen species and anti-proteinases. Archives of Physiology and Biochemistry, 2016, 122, 1-7.	1.0	46
216	Impact of sterilization and oxidation processes on the additive blooming observed on the surface of polyurethane. European Polymer Journal, 2017, 90, 37-53.	2.6	6
217	Neutrophils to the ROScue: Mechanisms of NADPH Oxidase Activation and Bacterial Resistance. Frontiers in Cellular and Infection Microbiology, 2017, 7, 373.	1.8	494

		CITATION R	EPORT	
#	Article		IF	CITATIONS
218	Chlorinative stress in age-related diseases: a literature review. Immunity and Ageing, 20)17, 14, 21.	1.8	61
219	Myeloperoxidase and Neurological Disorder: A Crosstalk. ACS Chemical Neuroscience,	2018, 9, 421-430.	1.7	50
220	Spectroscopic studies on free radical coalescing antioxidants and brain protein cystatir Biomolecular Structure and Dynamics, 2019, 37, 2949-2959.	ı. Journal of	2.0	6
221	N-chlorination mediates protective and immunomodulatory effects of oxidized human proteins. ELife, 2019, 8, .	plasma	2.8	20
222	Development of an endoplasmic reticulum-targeting fluorescent probe for the two-pho hypochlorous acid (HClO) in living cells. Analytical Methods, 2019, 11, 4450-4455.	ton imaging of	1.3	20
223	The formation of N-chloramines with proteinogenic amino acids. Water Research, 2019	9, 165, 114994.	5.3	14
224	A novel lipid droplets-targeting ratiometric fluorescence probe for hypochlorous acid in Talanta, 2019, 194, 308-313.	living cells.	2.9	40
225	Structural alteration in hypochlorous acid modified antithrombin indicates generation on neo-epitopes. Archives of Biochemistry and Biophysics, 2020, 685, 108332.	bf	1.4	4
226	The effects of neutrophil-generated hypochlorous acid and other hypohalous acids on h pathogens. Cellular and Molecular Life Sciences, 2021, 78, 385-414.	lost and	2.4	109
227	Lumenato protects normal human dermal fibroblasts from neutrophil-induced collagen co-cultures. PLoS ONE, 2021, 16, e0248183.	-3 damage in	1.1	7
228	Halogen-Induced Chemical Injury to the Mammalian Cardiopulmonary Systems. Physiol 272-291.	ogy, 2021, 36,	1.6	10
229	A novel ER-targeted two-photon fluorescent probe for monitoring abnormal concentration in diabetic mice. Journal of Materials Chemistry B, 2021, 9, 7381-7385.	ions of HClO	2.9	15
230	Oxygen Activation by Neutrophils. , 1988, , 149-174.			3
231	Oxygen-Derived Toxins Generated by Neutrophils and their Microbicidal Mechanisms. ,	1993, , 267-286.		8
232	Myeloperoxidase: Localization, Structure, and Function. Blood Cell Biochemistry, 1991	, , 255-288.	0.3	26
233	Pulmonary Autoimmunity and Inflammation. , 2000, , 153-179.			1
234	The Respiratory Burst of Neutrophilic Granulocytes and Its Influence on Infected Tissue 315-347.	s., 1988,,		5
235	Formation of Biological Reactive Intermediates by Peroxidases: Halide Mediated Acetan Oxidation and Cytotoxicity. Advances in Experimental Medicine and Biology, 1991, 283	ninophen 8, 51-64.	0.8	7

ARTICLE IF CITATIONS # Mechanisms of Regulating the Respiratory Burst in Leukocytes., 1984, 14, 247-281. 236 37 Introduction to Candida. Infectious Agents and Pathogenesis, 1993, , 49-116. 0.1 Chronic Granulomatous Disease: From Lethal Pediatric Mystery to Complex Chronic Disease. , 2010, , 238 1 319-352. DNA Lesions Caused by ROS and RNOS: A Review of Interactions and Reactions Involving Guanine., 2009, , 415-443. Superoxide-dependent hydroxylation by myeloperoxidase.. Journal of Biological Chemistry, 1994, 269, 240 1.6 69 17146-17151. Role of monochloramine in the oxidation of erythrocyte hemoglobin by stimulated neutrophils.. Journal of Biological Chemistry, 1984, 259, 6757-6765. 1.6 Myeloperoxidase-dependent fluorescein chlorination by stimulated neutrophils.. Journal of 242 1.6 93 Biological Chemistry, 1984, 259, 4812-4821. Regulation of myeloperoxidase gene expression during differentiation of human myeloid leukemia 1.6 68 HL-60 cells.. Journal of Biological Chemistry, 1984, 259, 3021-3025. Eosinophils Preferentially Use Bromide to Generate Halogenating Agents. Journal of Biological 244 1.6 133 Chemistry, 1989, 264, 5660-5668. Singlet oxygen production by human eosinophils. Journal of Biological Chemistry, 1988, 263, 245 1.6 9692-9696. Evidence for a role of taurine in the in vitro oxidative toxicity of neutrophils toward erythrocytes.. 246 101 1.6 Journal of Biological Chemistry, 1985, 260, 3321-3329. Hypochlorous acid activates the heat shock and soxRS systems of Escherichia coli. Applied and 1.4 Environmental Microbiology, 1996, 62, 4003-4008. A wild and an attenuated strain of Francisella tularensis differ in susceptibility to hypochlorous 248 acid: a possible explanation of their different handling by polymorphonuclear leukocytes. Infection 1.0 44 and Immunity, 1984, 43, 730-734. Hypochlorous acid-promoted loss of metabolic energy in Escherichia coli. Infection and Immunity, 249 1.0 64 1987, 55, 2518-2525. A capsule-deficient mutant of Francisella tularensis LVS exhibits enhanced sensitivity to killing by 250 serum but diminished sensitivity to killing by polymorphonuclear leukocytes. Infection and Immunity, 1.0 157 1988, 56, 1194-1202. Effects of neutrophils and in vitro oxidants on survival and phenotypic switching of Candida albicans 114 WO-1. Infection and Immunity, 1990, 58, 1174-1179. Myeloperoxidase produces nitrating oxidants in vivo. Journal of Clinical Investigation, 2002, 109, 252 3.9 168 1311-1319. Myeloperoxidase-dependent effect of amines on functions of isolated neutrophils.. Journal of Clinical 240 Investigation, 1983, 72, 441-454.

#	Article	IF	CITATIONS
254	Biochemical requirements for singlet oxygen production by purified human myeloperoxidase Journal of Clinical Investigation, 1984, 74, 1489-1495.	3.9	110
255	Oxidative cross-linking of immune complexes by human polymorphonuclear leukocytes Journal of Clinical Investigation, 1988, 81, 6-15.	3.9	48
256	Mechanisms of hypochlorite injury of target cells Journal of Clinical Investigation, 1990, 85, 554-562.	3.9	236
257	Disparate effects of interferon-gamma and tumor necrosis factor-alpha on early neutrophil respiratory burst and fungicidal responses to Candida albicans hyphae in vitro Journal of Clinical Investigation, 1991, 87, 711-720.	3.9	105
258	The proper study of mankind. Journal of Clinical Investigation, 2001, 107, 401-403.	3.9	27
259	Human neutrophils employ chlorine gas as an oxidant during phagocytosis Journal of Clinical Investigation, 1996, 98, 1283-1289.	3.9	244
260	The myeloperoxidase system of human phagocytes generates Nε-(carboxymethyl)lysine on proteins: a mechanism for producing advanced glycation end products at sites of inflammation. Journal of Clinical Investigation, 1999, 104, 103-113.	3.9	315
261	Eosinophils generate brominating oxidants in allergen-induced asthma. Journal of Clinical Investigation, 2000, 105, 1455-1463.	3.9	255
262	Inside the Neutrophil Phagosome: Oxidants, Myeloperoxidase, and Bacterial Killing. Blood, 1998, 92, 3007-3017.	0.6	404
264	Protective effects of Asian green vegetables against oxidant induced cytotoxicity. World Journal of Gastroenterology, 2005, 11, 7607.	1.4	10
265	Radicals and Inflammation. , 2001, , .		0
267	Oxidants Formed by the Respiratory Burst. , 1988, , 203-232.		3
268	The Detection of Singlet Oxygen in Biochemical Systems Using 1268 nm Chemiluminescence. , 1988, 49, 211-218.		1
269	The Respiratory Burst and Cellular Ion Homeostasis. , 1988, , 77-98.		0
270	Molecular Mechanisms for the Peroxidase Catalyzed Activation of Arylamine Carcinogens to Cytotoxic Metabolites. , 1990, , 567-584.		0
271	Antimicrobial polypeptides of human neutrophils. Blood, 1990, 76, 2169-2181.	0.6	51
272	Inhibition of Ammonia-Chloramine Generation and of Damage to Vascular Endothelium by Taurine and .BETAAlanine Journal of Clinical Biochemistry and Nutrition, 1995, 18, 11-18.	0.6	0
273	Myeloperoxidase produces nitrating oxidants in vivo. Journal of Clinical Investigation, 2002, 109, 1311-1319.	3.9	84

	Сп	CITATION REPORT		
#	Article	IF	CITATIONS	
280	Vitamin C protects against and reverses specific hypochlorous acid- and chloramine-dependent modifications of low-density lipoprotein. Biochemical Journal, 2000, 346 Pt 2, 491-9.	1.7	16	
281	Identification of FtpA, a Dps-Like Protein Involved in Anti-Oxidative Stress and Virulence in Actinobacillus pleuropneumoniae. Journal of Bacteriology, 2022, 204, JB0032621.	1.0	3	
282	Fluorescent sensors based on aggregation-induced emission nanomaterials. , 2022, , 427-461.		0	
283	Natural Polyphenols May Normalize Hypochlorous Acid-Evoked Hemostatic Abnormalities in Human Blood. Antioxidants, 2022, 11, 779.	2.2	1	
284	Inhibition of neutrophil oxidative metabolism by lysosomotropic weak bases. Blood, 1986, 67, 334-342	2. 0.6	16	
285	Kinetics and mechanism of the bactericidal action of human neutrophils against Escherichia coli. Blood, 1984, 64, 635-641.	0.6	23	
286	A novel colorimetric and ratiometric fluorescent probe for monitoring lysosomal HOCl in real time. Dyes and Pigments, 2022, 204, 110394.	2.0	11	
287	Selective detection of hypochlorous acid in living cervical cancer cells with an organoselenium-based BOPPY probe. New Journal of Chemistry, 2022, 46, 17610-17618.	1.4	4	
288	Defining the role of neutrophils in the lung during infection: Implications for tuberculosis disease. Frontiers in Immunology, 0, 13, .	2.2	6	