Antimicrobial mechanisms in neutrophilic polymorpho

Seminars in Hematology 12, 117-42

Citation Report

#	Article	IF	CITATIONS
1	Neutrophil-mediated tumor cell cytotoxicity: role of the peroxidase system Journal of Experimental Medicine, 1975, 141, 1442-1447.	8.5	300
2	Surface Sulphydryl Groups and Phagocytosis-Associated Oxidative Metabolic Changes in Human Polymorphonuclear Leucocytes. British Journal of Haematology, 1976, 33, 189-204.	2.5	35
3	Neutrophil leukocytes and inflammation of the bovine mammary gland. Theriogenology, 1976, 6, 153-173.	2.1	39
4	Unusual forms of an uncommon disease (chronic granulomatous disease). Journal of Pediatrics, 1976, 88, 172-174.	1.8	7
5	The effect of leukocyte hydrolases on bacteria. Inflammation, 1976, 1, 261-284.	3.8	11
6	Neutrophil pyruvate kinase deficiency with recurrent staphylococcal infections: first reported case BMJ: British Medical Journal, 1976, 1, 742-745.	2.3	26
7	Generation of superoxide anion and chemiluminescence by human monocytes during phagocytosis and on contact with surface-bound immunoglobulin G Journal of Experimental Medicine, 1976, 143, 1551-1556.	8.5	248
8	The requirement for membrane sialic acid in the stimulation of superoxide production during phagocytosis by human polymorphonuclear leukocytes Journal of Experimental Medicine, 1976, 143, 1308-1316.	8.5	64
9	Cytotoxicity for tumor cells of cationic proteins from human neutrophil granules Journal of Cell Biology, 1976, 70, 719-723.	5.2	70
10	Estrogen binding by leukocytes during phagocytosis, Journal of Experimental Medicine, 1977, 145, 983-998.	8.5	68
11	Hydrogen peroxide release from mouse peritoneal macrophages: dependence on sequential activation and triggering Journal of Experimental Medicine, 1977, 146, 1648-1662.	8.5	514
12	Evidence for hydroxyl radical production by human neutrophils Journal of Clinical Investigation, 1977, 60, 374-379.	8.2	261
13	Polymorphonuclear leukocytic-bacterial interaction as a pathogenetic mechanism in periodontal disease. Journal of Endodontics, 1977, 3, 292-300.	3.1	11
14	The Clinical and Laboratory Diagnosis of Chronic Granulomatous Disease of Childhood. CRC Critical Reviews in Clinical Laboratory Sciences, 1977, 8, 81-103.	1.0	8
15	A comparison between the NADPH oxidase activity of human polymorphonuclear leukocytes and the oxidase activity of several purified peroxidases. Biochemical Medicine, 1977, 18, 210-219.	0.5	5
16	Myeloperoxidase inactivation in the course of catalysis of chlorination of taurine. Biochimica Et Biophysica Acta - Biomembranes, 1977, 485, 291-300.	2.6	53
17	Superoxide production by rabbit pulmonary alveolar macrophages. Life Sciences, 1977, 21, 1575-1583.	4.3	18
18	Kinetics of staphylococcal opsonization, attachment, ingestion and killing by human polymorphonuclear leukocytes: A quantitative assay using [3H] thymidine labeled bacteria. Journal of Immunological Methods, 1977, 14, 303-311	1.4	288

#	Article	IF	CITATIONS
19	Environmental aspects of injury and disease: liver and bile ducts. Environmental Health Perspectives, 1977, 20, 1-13.	6.0	13
20	Blood polymorphonuclear dysfunction in patients with alcoholic cirrhosis. European Journal of Clinical Investigation, 1977, 7, 571-577.	3.4	69
21	Effects of leukocytes on brain metabolism in granulocytic brain edema. Annals of Neurology, 1977, 2, 89-94.	5.3	63
22	Catalase in salivary gland striated and excretory duct cells. I. The distribution of cytoplasmic and particulate catalase and the presence of catalase-positive rods. The Histochemical Journal, 1977, 9, 711-728.	0.6	17
23	PEROXIDASES IN THE NEURAL RETINA AND PIGMENT EPITHELIUM. Journal of Neurochemistry, 1978, 31, 761-769.	3.9	25
24	Phagocytosis: A Review. CRC Critical Reviews in Toxicology, 1978, 5, 377-421.	4.9	38
25	Phagocytic defects. Seminars in Immunopathology, 1978, 1, 323-337.	4.0	6
26	N-(2-Oxoacyl)amino Acids and Nitriles as Final Products of Dipeptide Chlorination Mediated by the Myeloperoxidase/H2O2/Cl- System. FEBS Journal, 1978, 92, 301-308.	0.2	91
27	The Blast Crisis of Chronic Granulocytic Leukaemia: Megakaryoblastic Nature of Cells as Revealed by the Presence of Platelet-Peroxidase—A Cytochemical Ultrastructural Study. British Journal of Haematology, 1978, 39, 295-303.	2.5	106
28	DETECTION OF OXYGEN RADICALS IN BIOLOGICAL REACTIONS. Photochemistry and Photobiology, 1978, 28, 629-637.	2.5	83
29	THE EFFECT OF OXIDANT INJURY ON THE LYMPHOBLASTIC TRANSFORMATION OF HUMAN LYMPHOCYTES. Photochemistry and Photobiology, 1978, 28, 909-915.	2.5	39
30	Increased superoxide anion production by immunologically activated and chemically elicited macrophages. Journal of Experimental Medicine, 1978, 148, 115-129.	8.5	825
31	Ambiguity associated with use of singlet oxygen trapping agents in myeloperoxidase-catalyzed oxidations. Biochemical and Biophysical Research Communications, 1978, 81, 878-885.	2.1	76
32	Secretion of granule enzymes from alveolar macrophages. Experimental Cell Research, 1978, 112, 249-256.	2.6	30
33	Induction of chemiluminescence in human polymorphonuclear leukocytes by the calcium ionophore A23187. FEBS Letters, 1978, 94, 387-390.	2.8	25
34	[39] The generation of chemiluminescence (CL) by phagocytic cells. Methods in Enzymology, 1978, , 462-494.	1.0	178
35	Ethylene formation by polymorphonuclear leukocytes. Role of myeloperoxidase Journal of Experimental Medicine, 1978, 148, 490-506.	8.5	126
36	Oxidation of Escherichia coli Sulfhydryl Components by the Peroxidase-Hydrogen Peroxide-Iodide Antimicrobial System. Antimicrobial Agents and Chemotherapy, 1978, 13, 1006-1010.	3.2	43

#	Article	IF	CITATIONS
37	Localization of D-amino acid oxidase on the cell surface of human polymorphonuclear leukocytes. Journal of Cell Biology, 1978, 77, 59-71.	5.2	68
38	Cofactor Role of Iodide in Peroxidase Antimicrobial Action Against Escherichia coli. Antimicrobial Agents and Chemotherapy, 1978, 13, 1000-1005.	3.2	33
39	Human granulocyte generation of hydroxyl radical Journal of Experimental Medicine, 1978, 147, 316-323.	8.5	192
40	Bactericidal activity of a superoxide anion-generating system. A model for the polymorphonuclear leukocyte Journal of Experimental Medicine, 1979, 149, 27-39.	8.5	246
41	Metabolic similarities between fertilization and phagocytosis. Conservation of a peroxidatic mechanism Journal of Experimental Medicine, 1979, 149, 938-953.	8.5	76
42	Malnutrition and Infection. , 1979, , 307-332.		4
43	Macrophage oxygen-dependent antimicrobial activity. I. Susceptibility of Toxoplasma gondii to oxygen intermediates Journal of Experimental Medicine, 1979, 150, 938-949.	8.5	198
44	Fate of surface proteins of rabbit polymorphonuclear leukocytes during phagocytosis. I. Identification of surface proteins Journal of Cell Biology, 1979, 82, 32-44.	5.2	30
45	Unique characteristics of superoxide production by human eosinophils in eosinophilic states. Inflammation, 1979, 3, 261-272.	3.8	43
46	Defective Hydrogen Peroxide Production in Chronic Granulocytic Leukaemia Neutrophils. British Journal of Haematology, 1979, 41, 49-55.	2.5	18
47	Metabolic activity of human polymorphonuclear leucocytes: relation to ingestion rate. European Journal of Clinical Investigation, 1979, 9, 209-217.	3.4	29
48	Lysosomal enzymes of phagocytes and the mechanism of their release. Folia Microbiologica, 1979, 24, 503-515.	2.3	11
49	Neutrophil function and host resistance. Infection, 1979, 7, 88-98.	4.7	9
50	Activation of macrophages in vivo and in vitro. Correlation between hydrogen peroxide release and killing of Trypanosoma cruzi Journal of Experimental Medicine, 1979, 149, 1056-1068.	8.5	359
51	The Interaction of Opsonins with Human Polymorphonuclear Leucocytes (PMN). I. The Influence of Human Complement (C) and IgG on Ingestion and Digestion of C-Resistant E. coli. Zeitschrift Fur Immunitatsforschung Immunobiology, 1979, 155, 189-199.	0.3	2
52	Is kernicterus due to inhibition of brain hexose-monophosphate shunt activity by bilirubin?. Medical Hypotheses, 1979, 5, 297-302.	1.5	1
53	Superoxide Anionâ€Generating Activities of Macrophages as Studied by Using Cytochalasin E and Lectins as Synergistic Stimulants for Superoxide Release. Microbiology and Immunology, 1980, 24, 449-461.	1.4	13
54	Oxidative mechanisms of monocyte-mediated cytotoxicity Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 584-587.	7.1	59

		CITATION REPORT		
#	Article		IF	Citations
56	Phorbol myristate acetate-induced neutrophil autotoxicity. Inflammation, 1980, 4, 371	-380.	3.8	24
57	Lectin-dependent neutrophil cytotoxicity: Enhanced susceptibility of desialylated red co Cellular Physiology, 1980, 102, 343-349.	ells. Journal of	4.1	4
58	Comparative aspects of oxidative metabolism of neutrophils from human blood and gu peritonea: Magnitude of the respiratory burst, dependence upon stimulating agents, an of the oxidases. Journal of Cellular Physiology, 1980, 105, 541-551.	inea pig nd localization	4.1	78
59	Enzymes of the Mast Cell Granule. Journal of Investigative Dermatology, 1980, 74, 349	-353.	0.7	121
60	Symposium on Host-Parasite Interactions: Umeå, Sweden, June 6–8, 1979. Scandin Infectious Diseases, 1980, 12, 1-227.	avian Journal of	1.5	6
61	Failure to trigger the oxidative metabolic burst by normal macrophages: possible mech survival of intracellular pathogens Journal of Experimental Medicine, 1980, 151, 328-3	anism for 146.	8.5	370
62	Kinetics of fusion of the cytoplasmic granules with phagocytic vacuoles in human polymorphonuclear leukocytes. Biochemical and morphological studies Journal of Cell 1980, 85, 42-59.	Biology,	5.2	164
63	Mononuclear Phagocyte Antimicrobial and Antitumor Activity: the Role of Oxygen Inter Journal of Investigative Dermatology, 1980, 74, 285-288.	mediates.	0.7	30
64	Inhibition of Granulocyte Function by Prednisolone and Non-Steroid Anti-Inflammatory Quantitative Evaluation with NBT Test and its Correlation with Phagocytosis. Immunob 157, 78-88.	Drugs. iology, 1980,	1.9	24
65	Macrophage-mediated cytolysis of erythrocytes in the guinea pig. Cellular Immunology 172-185.	, 1981, 62,	3.0	22
66	The Function of Eosinophils and Its Significance in Defence Mechanism Against Infection International, 1981, 23, 333-340.	on. Pediatrics	0.5	0
67	Cytochrome b-245 of neutrophils is also present in human monocytes, macrophages a Biochemical Journal, 1981, 196, 363-367.	nd eosinophils.	3.7	121
68	Chlorination in Phagocytosis of Leukocyte : Hypochlorite Formation by Myeloperoxidas Japanese Journal of Toxicology and Environmental Health, 1981, 27, 335-347.	e System.	0.1	0
69	Nitroblue-tetrazolium test for the functional evaluation of phagocytic cells: A critical ar the methodology. Agents and Actions, 1981, 11, 384-390.	alysis of	0.7	12
70	Unique opsonic requirements of rat pulmonary alveolar macrophages. Current Microbic 315-319.	ology, 1981, 6,	2.2	0
72	Oxidative cytochemistry in phagocytosis: the interface between structure and function Histochemical Journal, 1981, 13, 1-22.	. The	0.6	37
73	Oxidation of amino acids by human neutrophils. Inflammation, 1981, 5, 379-386.		3.8	5
74	Development of rampant dental caries, and composition of plaque fluid and saliva in irr primates. Journal of Oral Pathology and Medicine, 1981, 10, 284-295.	adiated	2.7	39

ARTICLE IF CITATIONS Susceptibility of Entamoeba histolytica to oxygen intermediates. Molecular and Biochemical 1.1 57 Parasitology, 1981, 3, 381-391. Thiocyanate as a Cofactor in Myeloperoxidase Activity Against Streptococcus mutans. Journal of 5.2 Dentál Research, 1981, 60, 831-837. Effect of antimicrobial agents on human polymorphonuclear leukocyte microbicidal function. 3.2 83 Antimicrobial Agents and Chemotherapy, 1981, 20, 15-20. Development of cytochrome b and an active oxidase system in association with maturation of a human promyelocytic (HL-60) cell line. Journal of Cell Biology, 1982, 95, 720-726. How important is the myeloperoxidase microbicidal system of phagocytic cells?. Medical Hypotheses, 1.5 12 1982, 8, 249-254. Human milk peroxidase is derived from milk leukocytes. Biochimica Et Biophysica Acta - General Subjects, 1982, 718, 103-108. 2.4 The Role of Pyridine Nucleotides in Phagocytosis., 1982, , 249-278. 2 A novel method for measuring initial-burst chemiluminescence in a liquid scintillation counter using the myeloperoxidase-H20î–,Clâ[~] reaction. Microchemical Journal, 1982, 27, 221-230. 4.5 Comparison of the effects of antioxidant non-steroidal anti-inflammatory drugs against myeloperoxidase and hypochlorous acid luminol-enhanced chemiluminescence. Agents and Actions, 0.7 38 1982, 12, 232-238. Lysosomal enzymes and metabolic activity of polymorphonuclear leukocytes from patients with systemic lupus erythematosus and from experimental animals after levamisole treatment. Agents and Áctions, 1982, 12, 478-484. Genetic disorders of leukocyte function: What they tell us about normal antimicrobial mechanisms 2 0.6 of human phagocytic cells. Klinische Wochenschrift, 1982, 60, 731-734. Increased endothelial cell adherence, aggregation, and superoxide generation by neutrophils incubated in systemic lupus erythematosus and felty's syndrome sera. Arthritis and Rheumatism, 1982, 25, 1409-1418. Bacteria and zymosan opsonized with histone, dextran sulfate, and polyanetholesulfonate trigger intense chemiluminescence in human blood leukocytes and platelets and in mouse macrophages. 3.8 19 Inflammation, 1982, 6, 343-364. Plasma membrane and phagosome localisation of the activated NADPH oxidase in elicited peritoneal 4.5 macrophages of the guinea-pig. Journal of Pathology, 1982, 136, 241-252. The enzyme responsible for the respiratory burst in elicited guinea pig peritoneal macrophages. 4.5 30 Journal of Pathology, 1982, 136, 273-290. Initiation of lipid peroxidation by a peroxidase/hydrogen peroxide/halide system. Lipids, 1983, 18, 204-210. Impairment of leukocyte myeloperoxidase bactericidal mechanisms with ketamine (Ketalar®). Agents 0.7 8 and Actions, 1983, 13, 59-62.

CITATION REPORT

92The effects of intravenous anaesthetic agents on human neutrophil chemiluminescence. Canadian
Anaesthetists' Society Journal, 1983, 30, 506-511.0.546

#

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#	Article	IF	CITATIONS
93	Effect of stimulated neutrophils from the synovial fluid of patients with rheumatoid arthritis on lymphocytes?A possible role of increased oxygen radicals generated by the neutrophils. Journal of Clinical Immunology, 1983, 3, 228-240.	3.8	69
94	Effect of guanosine nucleotides on the respiratory burst oxidase from human neutrophils. Inflammation, 1983, 7, 233-240.	3.8	0
95	Partial myeloperoxidase deficiency in preleukemia. Blut, 1983, 47, 21-30.	1.2	17
96	Assay method for myeloperoxidase in human polymorphonuclear leukocytes. Analytical Biochemistry, 1983, 132, 345-352.	2.4	809
97	Stimulation of chemiluminescence in bovine polymorphonuclear leucocytes by virus-antibody complexes and by antibody-coated infected cells. Immunobiology, 1983, 164, 333-342.	1.9	20
98	The chemiluminescent response of bovine polymorphonuclear leucocytes isolated from milk and blood. Veterinary Immunology and Immunopathology, 1983, 4, 397-412.	1.2	32
99	Cell-mediated Killing of Protozoa. Advances in Parasitology, 1983, 22, 43-151.	3.2	27
100	A novel type of cytoplasmic granule in bovine neutrophils Journal of Cell Biology, 1983, 96, 1651-1661.	5.2	91
101	Biochemical analysis of enzymic markers of inflammation in rectal biopsies from patients with ulcerative colitis and Crohn's disease Journal of Clinical Pathology, 1983, 36, 1312-1316.	2.0	19
102	Rapid modulation of N-formyl chemotactic peptide receptors on the surface of human granulocytes: formation of high-affinity ligand-receptor complexes in transient association with cytoskeleton Journal of Cell Biology, 1984, 98, 1378-1387.	5.2	148
103	Peroxidation of free and esterified fatty acids by horseradish peroxidase. Lipids, 1984, 19, 863-868.	1.7	18
104	Der Einfluß physiologischer Progesteron- und Östradiolkonzentrationen trachtiger und nicht trÃ e htig gewordener Stuten auf die Chemilumines-zenz von Leukozyten. Reproduction in Domestic Animals, 1984, 19, 182-187.	1.4	0
105	Impaired metabolic activity of phagocytosing neutrophils in agnogenic osteomyelofibrosis with splenomegaly: A longitudinal study. American Journal of Hematology, 1984, 16, 243-254.	4.1	8
106	Phagocytes use oxygen to kill bacteria. Experientia, 1984, 40, 906-909.	1.2	32
107	Dermatitis herpetiformis: Effects of sulfones and sulfonamides on neutrophil myeloperoxidase-mediated iodination and cytotoxicity. Journal of Clinical Immunology, 1984, 4, 55-64.	3.8	27
108	Co-localization of superoxide generation and NADP formation in plasma membrane fractions from human neutrophils. Inflammation, 1984, 8, 323-335.	3.8	7
109	Nonoxidative Antimicrobial Reactions of Leukocytes. , 1984, 14, 283-343.		79
110	Inhibitory effect of nicotine on chemiluminescence response of human polymorphonuclear leukocytes stimulated by opsonized zymosan in vitro Journal of Toxicological Scien <u>ces, 1984, 9, 1-9.</u>	1.5	13

		CITATION REPORT		
#	ARTICLE		IF	CITATIONS
111	Studies on the subunits of human myeloperoxidase. Biochemical Journal, 1984, 222, 7	01-709.	3.7	76
112	Clinical and Laboratory Evaluation of the Immune System. Medical Clinics of North Am 453-464.	erica, 1985, 69,	2.5	2
113	Role of stimulated neutrophils from patients with systemic lupus erythematosus in tiss special reference to serum factors and increased active oxygen species generated by n Inflammation, 1985, 9, 163-172.	sue injury, with eutrophils.	3.8	41
114	Lysosomal enzyme activities in polymorphonuclear leukocytes, macrophages, serum, a conventional, germ-free, and antigen-free minnesota miniature swine. Folia Microbiolo 65-75.	nd spleen of gica, 1985, 30,	2.3	8
115	Cell-Mediated Damage to Helminths. Advances in Parasitology, 1985, 23, 143-235.		3.2	239
116	Detection of active oxygen in rat hepatocyte suspensions with the chemiluminigenic p Biochemical and Biophysical Research Communications, 1986, 140, 468-475.	robe lucigenin.	2.1	3
117	Similarity of kinetics of three types of myeloperoxidase from human leukocytes and fo HL-60 cells. Archives of Biochemistry and Biophysics, 1986, 245, 167-173.	ur types from	3.0	39
118	Functional Abnormalities of Neutrophils in Childhood Acute Leukemia: Decreased Mye and 13-Glucuronidase Contents and Their Release. Pediatrics International, 1986, 28, 3	loperoxidase 893-402.	0.5	0
119	The effect of oxygen-dependent antimicrobial systems on strains of <i>Legionella pneu different virulence. The Journal of Hygiene, 1986, 97, 61-69.</i>	.mophilaof	0.9	23
120	Dual effect of lectins on macrophages: Potentiation of bacterial uptake and suppression bactericidal activity. Immunology Letters, 1986, 13, 151-158.	on of	2.5	2
121	Selenium effects on human neutrophilic granulocyte function in vitro. Immunopharma 12, 167-172.	cology, 1986,	2.0	32
122	Studies of neonatal polymorphonuclear leukocyte function using a novel microanalytic chemiluminescence technique. Microchemical Journal, 1986, 34, 222-229.	2	4.5	3
123	Superoxide production by polymorphonuclear leukocytes. Histochemistry, 1986, 84, 3	71-378.	1.9	107
124	Gingival crevicular fluid myeloperoxidase at periodontitis sites. Journal of Periodontal R 1986, 21, 45-55.	lesearch,	2.7	51
125	Paraquat-induced neutrophil alveolitis: Reduction of the inflammatory response by pre endotoxin and hyperoxia. Lung, 1986, 164, 107-120.	treatment with	3.3	8
126	[3] Basic methods for the study of phagocytosis. Methods in Enzymology, 1986, 132,	95-180.	1.0	134
127	Synergy between RU 28965 (roxithromycin) and human neutrophils for bactericidal ac Antimicrobial Agents and Chemotherapy, 1986, 30, 137-142.	tivity in vitro.	3.2	37
128	Hydroxylation of phenylalanine by stimulated polymorphonuclear leukocytes. Attempt hydroxyl radicals Agricultural and Biological Chemistry, 1987, 51, 2851-2853.	s to detect	0.3	4

ARTICLE IF CITATIONS # Diminished chemiluminescent responses of polymorphonuclear leukocytes in severely and moderately 129 1.8 27 preterm neonates. Journal of Pediatrics, 1987, 111, 904-906. Proton magnetic resonance of the bovine spleen green heme-protein. FEBS Letters, 1987, 214, 111-116. 2.8 Isolation and characterization of a cDNA coding for human myeloperoxidase. Archives of 131 3.0 42 Biochemistry and Biophysics, 1987, 255, 147-155. Ginkgo biloba extract inhibits oxygen species production generated by phorbol myristate acetate 1.2 stimulated human leukocytes. Experientia, 1987, 43, 181-184. Structural characterization of the isoenzymatic forms of human myeloperoxidase. BBA - Proteins and 133 2.1 15 Proteomics, 1987, 915, 68-76. Purification and some properties of peroxidases of rat bone marrow. BBA - Proteins and Proteomics, 2.1 1987, 911, 95-101. The molecular and cellular pathology of Chronic Granulomatous Disease. European Journal of 135 3.4 39 Clinical Investigation, 1988, 18, 433-443. Human myeloperoxidase activity is inhibited in vitro by quercetin. Comparison with three related 1.2 compounds. Experientia, 1988, 44, 450-453. 137 Anti-bacterial activity mediated by human platelets. Agents and Actions, 1988, 25, 401-406. 0.7 12 Assignment of the myeloperoxidase geneMPO to human chromosome 17 using somatic cell hybrids and 0.8 flow-sorted chromosomes. Japanese Journal of Human Genetics, 1988, 33, 315-324. Evidence that superoxide-anion, produced by PMA-activated human polymorphonuclear leukocytes, is 139 2.5 5 the cytolytic agent for rabbit, but not for sheep red blood cells. Immunology Letters, 1988, 18, 139-144. Transcriptional regulation of myeloperoxidase gene expression in myeloid leukemia HL-60 cells during differentiation into granulocytes and macrophages. Archives of Biochemistry and Biophysics, 1988, 3.0 262, 599-604. Inactivation of peroxidases of rat bone marrow by repeated administration of propylthiouracil is 141 4.4 58 accompanied by a change in the heme structure. Biochemical Pharmacology, 1988, 37, 2151-2153. A Rapid Technique for the Isolation of Highly Purified, Functionally Intact Bovine Neutrophilic 142 1.2 Granulocytes. Veterinary Immunology and Immunopathology, 1988, 18, 81-94. Preliminary crystallographic analysis of human myeloperoxidase. Journal of Molecular Biology, 1988, 143 4.2 13 199, 395-396. Neutrophil and eosinophil involvement of the small bowel affected by chronic alcoholism.. Gut, 1988, 144 12.1 29, 1656-1660. Chronic murine toxoplasmosis: clinicopathologic characterization of a progressive wasting 145 1.6 13 syndrome. Annals of Tropical Medicine and Parasitology, 1988, 82, 35-48. The role of antibody, Complement and Neutrophils in Host defense againstActinobacillus 146 Actinomycetemcomitans. Immunological Investigations, 1989, 18, 187-209.

#	Article	IF	Citations
147	Singlet oxygen production by biological systems. Chemico-Biological Interactions, 1989, 70, 1-28.	4.0	240
148	Uptake and utilization of human polymorphonuclear leukocyte granule myeloperoxidase by mouse peritoneal macrophages. Cell and Tissue Research, 1989, 257, 653-656.	2.9	31
149	Effect of 2,3-butanedione on human myeloperoxidase. International Journal of Biochemistry & Cell Biology, 1989, 21, 755-759.	0.5	3
150	CHANGES IN THE VISCOSITY OF HYALURONIC ACID AFTER EXPOSURE TO A MYELOPEROXIDASE-DERIVED OXIDANT. Arthritis and Rheumatism, 1989, 32, 461-467.	6.7	58
151	Neutrophil and eosinophil involvement of the small bowel in patients with celiac disease and Crohn's disease: Studies on the secretion rate and immunohistochemical localization of granulocyte granule constituents. American Journal of Medicine, 1989, 86, 56-64.	1.5	117
152	Production and characterization of monoclonal antibodies to human myeloperoxidase. Clinical Immunology and Immunopathology, 1989, 50, 283-297.	2.0	6
153	Bone Marrow Peroxidases of Spontaneously Hypertensive Rats. The Japanese Journal of Pharmacology, 1990, 53, 19-23.	1.2	0
154	Accelerating effect of glutathione on hydroxylation of phenylalanine by stimulated polymorphonuclear leukocytes Chemical and Pharmaceutical Bulletin, 1990, 38, 1653-1655.	1.3	3
155	Chromosomal localization of the human myeloperoxidase gene by in situ hybridization using oligonucleotide probes. Genes Chromosomes and Cancer, 1990, 2, 266-270.	2.8	25
156	Ampicillin serves as an electron donor. International Journal of Biochemistry & Cell Biology, 1990, 22, 1291-1293.	0.5	7
157	Effects of diets of high sulphur content and varied concentrations of copper, molybdenum and thiamine on in vitro phagocytic and candidacidal activity of neutrophils in sheep. Research in Veterinary Science, 1990, 48, 82-86.	1.9	15
158	Enzyme immunoconjugates utilizing glucose oxidase and myeloperoxidase are cytotoxic to Candida tropicalis. Antimicrobial Agents and Chemotherapy, 1990, 34, 875-880.	3.2	7
159	Pathogenesis of <i>Brucella</i> . Critical Reviews in Microbiology, 1990, 17, 209-230.	6.1	109
160	Mechanism of inactivation of myeloperoxidase by propylthiouracil. Biochemical Pharmacology, 1990, 39, 1467-1471.	4.4	57
161	Isolation and characterization of extracellular myeloperoxidase precursor in HL-60 cell cultures. Biochemical and Biophysical Research Communications, 1990, 166, 852-859.	2.1	18
162	Etiology and Pathophysiology of Pyelonephritis. American Journal of Kidney Diseases, 1991, 17, 1-9.	1.9	120
163	Oxidative damage to fibronectin. Archives of Biochemistry and Biophysics, 1991, 285, 53-59.	3.0	137
164	Stimulation of phagocytosis in rat polymorphonuclear leukocytes by A23187 is accompanied by activation of myeloperoxidase. Biochemical and Biophysical Research Communications, 1991, 176, 364-370.	2.1	2

#	Article	IF	CITATIONS
165	Structural and biological properties of human recombinant myeloperoxidase produced by Chinese hamster ovary cell lines. FEBS Journal, 1991, 197, 605-614.	0.2	123
166	Lysozyme Enhances the Inhibitory Effects of the Peroxidase System on Glucose Metabolism of Streptococcus mutans. Journal of Dental Research, 1992, 71, 484-490.	5.2	33
167	Undermethylation and DNase I hypersensitivity of myeloperoxidase gene in HL-60 cells before and after differentiation. Archives of Biochemistry and Biophysics, 1992, 293, 40-45.	3.0	16
168	Analyses of salivary components in leukemia patients receiving chemotherapy. Oral Surgery, Oral Medicine, and Oral Pathology, 1992, 73, 35-46.	0.6	30
169	Inhibition of superoxide anion release from human polymorphonuclear leukocytes by N-acetyl-galactosamine and N-acetyl-glucosamine. Clinical Rheumatology, 1992, 11, 254-260.	2.2	10
170	Degradation of methyl and ethyl mercury into inorganic mercury by other reactive oxygen species besides hydroxyl radical. Archives of Toxicology, 1992, 66, 34-39.	4.2	44
171	Antioxidant system of Litomosoides carinii and Setaria cervi: effect of a macrofilaricidal agent. Veterinary Parasitology, 1992, 43, 93-103.	1.8	14
172	Interaction between myeloperoxidase and antibodies against myeloperoxidase measured by chemiluminescence. Luminescence, 1993, 8, 33-37.	0.0	1
173	Opportunistic/nosocomial infections. Treatment and developmental therapeutics. Toxoplasmosis. Medicinal Research Reviews, 1993, 13, 529-568.	10.5	13
174	The role of the complement system in the neutrophil functions stimulated <i>in vitro</i> by an alkali-insoluble cell wall fraction of <i>Paracoccidioides brasiliensis</i> . Medical Mycology, 1993, 31, 17-27.	0.7	14
175	Neutrophil mucosal involvement is accompanied by enhanced local production of interleukin-8 in ulcerative colitis Gut, 1993, 34, 1203-1206.	12.1	93
176	Formation of a Hydroxyl Radical by the Myeloperoxidase-NADH-Oxygen System Biological and Pharmaceutical Bulletin, 1993, 16, 525-528.	1.4	6
177	Nutrition and MASTITIS. Veterinary Clinics of North America - Food Animal Practice, 1993, 9, 551-561.	1.2	28
178	Role of reactive oxygen species in expulsion of Nippostrongylus brasiliensis from rats. Parasitology, 1993, 106, 185-192.	1.5	24
179	The Action of Hypochlorous Acid on Polymeric Components of Cartilage. Biological Chemistry Hoppe-Seyler, 1994, 375, 167-172.	1.4	44
180	Myeloperoxidase Gene Expression in Normal Granulopoiesis and Acute Leukemias. Leukemia and Lymphoma, 1994, 15, 209-226.	1.3	30
181	Myeloperoxidase deficiency: An epidemiological study and flow-cytometric detection of other granular enzymes in myeloperoxidase-deficient subjects. Annals of Hematology, 1994, 69, 199-203.	1.8	15
182	Hydroxylation of Phenylalanine and Salicylate by Stimulated Polymorphonuclear Leukocytes and the Accelerating Effect of Glutathione on Their Hydroxylation Biological and Pharmaceutical Bulletin, 1994, 17, 767-772.	1.4	9

#	Article	IF	CITATIONS
183	Formation of a Hydroxyl Radical from Tar Dye by Photo-Illumination Chemical and Pharmaceutical Bulletin, 1995, 43, 1810-1812.	1.3	6
184	Bacterial Stimulators of Macrophages. International Review of Cytology, 1995, 161, 263-331.	6.2	29
185	Factors related to impaired bactericidal activity in patients with esophageal cancer. Surgery Today, 1995, 25, 302-306.	1.5	3
186	Characterization of a gp91-phox Promoter Element That Is Required for Interferon Î ³ -induced Transcription. Journal of Biological Chemistry, 1995, 270, 8267-8273.	3.4	42
187	Singlet Oxygen-Trapping Reaction as a Method of1O2Detection: Role of Some Reducing Agents. Free Radical Research, 1995, 23, 103-115.	3.3	27
188	Mechanisms of Renal Damage in Chronic Pyelonephritis (Reflux Nephropathy). Current Topics in Pathology Ergebnisse Der Pathologie, 1995, 88, 265-287.	0.2	38
189	Characterization of a plant paraperoxidase from Curcurbita pepo using magnetic circular dichroism: direct evidence for cyanide ligation in the ferric resting state. Inorganica Chimica Acta, 1996, 243, 317-325.	2.4	2
190	Identification and Characterization of TF1phox, a DNA-binding Protein That Increases Expression of gp91phox in PLB985 Myeloid Leukemia Cells. Journal of Biological Chemistry, 1997, 272, 9344-9355.	3.4	17
191	Formation of a Hydroxyl Radical from Riboflavin Sodium Phosphate by Photo-Illumination Chemical and Pharmaceutical Bulletin, 1997, 45, 2107-2109.	1.3	2
192	The myeloperoxidase gene proximal enhancer directs hematopoietic-specific expression in transgenic mice. Gene, 1997, 197, 311-314.	2.2	0
193	The murine eosinophil peroxidase gene (Epx) maps to chromosome 11. Mammalian Genome, 1997, 8, 381-382.	2.2	8
194	IR and NMR Studies on the Action of Hypochlorous Acid on Chondroitin Sulfate and Taurine. Bioorganic Chemistry, 1998, 26, 33-43.	4.1	10
195	MPXI and early neutrophilia: New potential therapeutic biomarkers for recombinant human granulocyte colony-stimulating factor. , 1998, 12, 41-46.		6
196	PU.1, Interferon Regulatory Factor 1, and Interferon Consensus Sequence-binding Protein Cooperate to Increase gp91 Expression. Journal of Biological Chemistry, 1998, 273, 13957-13965.	3.4	158
197	Biologic Functions. , 1998, , 233-341.		0
198	Protective effects of C5a blockade in sepsis. Nature Medicine, 1999, 5, 788-792.	30.7	385
199	Cytokine-induced fungicidal activity of human polymorphonuclear leukocytes againstPenicillium marneffei. FEMS Immunology and Medical Microbiology, 1999, 26, 115-124.	2.7	31
200	Enzymatically Inactive Eosinophil Peroxidase Inhibits Proinflammatory Cytokine Transcription and Secretion by Macrophages. Cellular Immunology, 1999, 196, 23-33.	3.0	3

#	Article	IF	CITATIONS
201	Analysis of localization and function of the COOH-terminal corresponding site of cytochrome b558 in fish neutrophils. Developmental and Comparative Immunology, 1999, 23, 213-219.	2.3	9
202	The Hydroxyl Radical Formation System in Polymorphonuclear Leukocytes Biological and Pharmaceutical Bulletin, 1999, 22, 1034-1037.	1.4	1
203	Mechanisms of the in vitro fungicidal effects of human neutrophils against Penicillium marneffei induced by granulocyte-macrophage colony-stimulating factor (GM-CSF). Clinical and Experimental Immunology, 2000, 119, 472-478.	2.6	25
204	Local neutrophil influx following lateral fluid-percussion brain injury in rats is associated with accumulation of complement activation fragments of the third component (C3) of the complement system. Journal of Neuroimmunology, 2000, 105, 20-30.	2.3	67
205	Peroxidase-mediated Oxygenation and Microbicidal Activity. Inflammation, 2000, 24, 251-263.	3.8	0
206	PURIFICATION AND CHARACTERIZATION OF IRON SUPEROXIDE DISMUTASE AND COPPER–ZINC SUPEROXIDE DISMUTASE FROMACANTHAMOEBA CASTELLANII. Journal of Parasitology, 2000, 86, 899-907.	0.7	32
207	Comparison of Mono- and Dichlorinated Tyrosines with Carbonyls for Detection of Hypochlorous Acid Modified Proteins. Archives of Biochemistry and Biophysics, 2000, 377, 95-100.	3.0	61
208	Lipid peroxidation in aging and age-dependent diseases. Experimental Gerontology, 2001, 36, 1425-1457.	2.8	179
209	Complement-Induced Impairment of Innate Immunity During Sepsis. Journal of Immunology, 2002, 169, 3223-3231.	0.8	178
210	Catalase negativeStaphylococcus aureusretain virulence in mouse model of chronic granulomatous disease. FEBS Letters, 2002, 518, 107-110.	2.8	56
211	Killing activity of neutrophils is mediated through activation of proteases by K+Âflux. Nature, 2002, 416, 291-297.	27.8	1,014
212	Local release of human neutrophil lipocalin (HNL), IL-8, and TNF-alpha is decreased as response to topical prednisolone treatment in distal ulcerative colitis and proctitis. Digestive Diseases and Sciences, 2002, 47, 2064-2069.	2.3	8
213	Disruption of structural and functional integrity of alpha2-macroglobulin by cathepsin E. FEBS Journal, 2003, 270, 1189-1198.	0.2	16
214	Reassessment of the microbicidal activity of reactive oxygen species and hypochlorous acid with reference to the phagocytic vacuole of the neutrophil granulocyte. Journal of Medical Microbiology, 2003, 52, 643-651.	1.8	91
215	Involvement of Arachidonic Acid in Nonimmunologic Production of Superoxide in Mast Cells. International Archives of Allergy and Immunology, 2003, 130, 288-299.	2.1	3
216	Voltage-Gated Proton Channels and Other Proton Transfer Pathways. Physiological Reviews, 2003, 83, 475-579.	28.8	635
217	The large-conductance Ca2+-activated K+ channel is essential for innate immunity. Nature, 2004, 427, 853-858.	27.8	185
218	The NADPH oxidase of professional phagocytes—prototype of the NOX electron transport chain systems. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1657, 1-22.	1.0	388

#	Article	IF	Citations
219	Platelet derived growth factor (PDGF)-induced reactive oxygen species in the lens epithelial cells: the redox signaling. Experimental Eye Research, 2004, 78, 1057-1067.	2.6	61
220	Methionine Sulfoxide and Proteolytic Cleavage Contribute to the Inactivation of Cathepsin G by Hypochlorous Acid. Journal of Biological Chemistry, 2005, 280, 29311-29321.	3.4	32
221	HOW NEUTROPHILS KILL MICROBES. Annual Review of Immunology, 2005, 23, 197-223.	21.8	1,489
222	A nonribosomal peptide synthetase (Pes1) confers protection against oxidative stress in Aspergillus fumigatus. FEBS Journal, 2006, 273, 3038-3053.	4.7	66
223	Acid sphingomyelinase is required for efficient phago-lysosomal fusion. Cellular Microbiology, 2008, 10, 1839-1853.	2.1	64
224	Stimulation of neutrophil elastase and myeloperoxidase release by IgG fragments. Clinical and Experimental Immunology, 2008, 81, 352-356.	2.6	8
225	Granulocyte-macrophage colony-stimulating factor augments neutrophil killing of Torulopsis glabrata and stimulates neutrophil respiratory burst and degranulation. Clinical and Experimental Immunology, 2008, 83, 225-230.	2.6	46
226	Skin tissue engineering. Journal of Biomaterials Science, Polymer Edition, 2008, 19, 955-968.	3.5	67
227	Neutrophil Function. , 2008, , 331-350.		3
228	The function of the NADPH oxidase of phagocytes and its relationship to other NOXs in plants, invertebrates, and mammals. International Journal of Biochemistry and Cell Biology, 2008, 40, 604-618.	2.8	116
229	PRIMARY MYELOPEROXIDASE DEFICIENCY ASSOCIATED WITH IMPAIRED NEUTROPHIL MARGINATION AND CHEMOTAXIS. Acta Paediatrica, International Journal of Paediatrics, 2008, 68, 915-919.	1.5	13
230	GRANULOCYTE FUNCTION IN BACTERIAL INFECTIONS IN MAN. Acta Pathologica Et Microbiologica Scandinavica Section C, Immunology, 1977, 85C, 1-9.	0.0	7
231	INFLUENCE OF HYDROCORTISONE ON GRANULOCYTE FUNCTION AND GLUCOSE METABOLISM. Acta Pathologica Et Microbiologica Scandinavica Section C, Immunology, 1977, 85C, 284-288.	0.0	1
232	Metabolic Consequences of Acute Limb Ischemia and Their Clinical Implications. Seminars in Vascular Surgery, 2009, 22, 29-33.	2.8	72
233	Superoxide dismutase and catalase activities in the growth cartilage: Relationship between oxidoreductase activity and chondrocyte maturation. Journal of Bone and Mineral Research, 1991, 6, 569-574.	2.8	48
234	Hemocytes of the carpet shell clam (Ruditapes decussatus) and the Manila clam (Ruditapes) Tj ETQq1 1 0.78431	4 rgBT /O\	verlock 10 Tf
235	Lucigenin-amplified chemiluminescence in blood and synovial fluid phagocytes of pigs with Erysipelas arthritis. Zentralblatt Für VeterinÃ r medizin Reihe B, 2010, 32, 774-784.	0.0	0
236	Oxidative stress may modify zinc protoporphyrin/heme ratio in hematofluorometry. International Journal of Laboratory Hematology, 2010, 32, 40-49.	1.3	16

	CITATION R	CITATION REPORT	
#	ARTICLE Thiol regulation of pro-inflammatory cytokines and innate immunity: protein S-thiolation as a novel	IF 8.4	Citations
238	molecular mechanism. Biochemical Society Transactions, 2011, 39, 1268-1272. Modulatory effects of non-steroidal anti-inflammatory drugs on the luminol and lucigenin amplified	1.6	7
239	Naja sputatrix Venom Preconditioning Attenuates Neuroinflammation in a Rat Model of Surgical Brain Injury via PLA2/5-LOX/LTB4 Cascade Activation. Scientific Reports, 2017, 7, 5466.	3.3	6
240	Bioactivities of Betalains. , 2018, , 109-124.		0
241	Anti-Allergic and Anti-Inflammatory Effects and Molecular Mechanisms of Thioredoxin on Respiratory System Diseases. Antioxidants and Redox Signaling, 2020, 32, 785-801.	5.4	21
242	Immune response to Leishmania mexicana: the host–parasite relationship. Pathogens and Disease, 2020, 78, .	2.0	1
243	The drug likeness analysis of anti-inflammatory clerodane diterpenoids. Chinese Medicine, 2020, 15, 126.	4.0	20
244	NADPH Oxidases (NOX): An Overview from Discovery, Molecular Mechanisms to Physiology and Pathology. Antioxidants, 2021, 10, 890.	5.1	239
245	Oxygen Consumption by Stimulated Human Neutrophils. Novartis Foundation Symposium, 1978, , 205-223.	1.1	9
246	Defect in the Oxidative Killing of Micro-organisms by Phagocytic Leukocytes. Novartis Foundation Symposium, 0, , 225-262.	1.1	12
247	The Role of Myeloperoxidase in the Microbicidal Activity of Polymorphonuclear Leukocytes. Novartis Foundation Symposium, 1978, , 263-284.	1.1	23
248	Innate Immune Evasion by Staphylococci. Advances in Experimental Medicine and Biology, 2009, 666, 19-31.	1.6	13
249	Myeloperoxidase-Mediated Cytotoxic Systems. , 1980, , 279-308.		17
250	Oxygen-Independent Antimicrobial Systems in Polymorphonuclear Leukocytes. , 1980, , 355-368.		6
251	Metabolic Changes Accompanying Phagocytosis. , 1980, , 153-188.		8
252	Mechanisms of Resistance in the Systemic Mycoses. , 1981, , 475-494.		9
253	Chlorination, Decarboxylation and Bactericidal Activity Mediated by the MPO-H2O2-Cla [®] System. Advances in Experimental Medicine and Biology, 1976, 73 PT-A, 191-203.	1.6	9
254	Advances in Experimental Medicine and Biology, 1983, 162, 127-143.	1.6	13

#	Article	IF	CITATIONS
255	Oxygen Independent Microbicidal Mechanisms of Human Polymorphonuclear Leukocytes. Advances in Experimental Medicine and Biology, 1983, 162, 5-17.	1.6	6
256	Some Paradoxes of Macrophage Function. Advances in Experimental Medicine and Biology, 1983, 162, 31-50.	1.6	9
257	The Respiratory Burst and Lymphocyte Function. , 1988, , 159-190.		2
258	Modulation of the Inflammatory Response by the Neutrophil Myeloperoxidase System. Advances in Experimental Medicine and Biology, 1982, 141, 207-216.	1.6	11
259	Oxidative Damage to Lysosomal Enzymes in Human Phagocytosing Neutrophils. Advances in Experimental Medicine and Biology, 1982, 141, 247-257.	1.6	6
260	Mechanisms of Regulating the Respiratory Burst in Leukocytes. , 1984, 14, 247-281.		37
261	Biological Functions. , 1988, , 327-443.		6
262	Neutrophil and Complement Defects: Recent Advances. , 1988, , 149-179.		2
263	Antimicrobial Functions of Neutrophils. , 1989, , 43-58.		2
264	Oxygen Intermediates and the Microbicidal Event. , 1980, , 1105-1141.		34
265	The Release of Hydrogen Peroxide from Mononuclear Phagocytes and its Role in Extracellular Cytolysis. , 1980, , 1165-1186.		20
266	Respiratory Pathways of Macrophages — Cellular Localization and Relation to Cidal Activity. , 1980, , 1495-1514.		4
267	Cytotoxic and Microbicidal Properties of Macrophages. , 1980, , 1631-1653.		6
268	Phagocytosis. , 1993, , 387-469.		3
269	Morphological and biochemical alterations of polymorphonuclear neutrophil (PMN) leukocytes from patients with inborn errors of phagocytic function: a comprehensive review. , 1979, , 201-218.		6
270	Molecular bases of the metabolic excitability of phagocytes. , 1979, , 231-246.		2
271	Chronic granulomatous disease — biochemistry with special reference to oxygen metabolism. , 1979, , 247-260.		4
272	A CYTOCHEMICAL APPROACH TO THE FUNCTION OF PHAGOCYTIC LEUKOCYTES. , 1982, , 215-238.		2

	Сітаті	CITATION REPORT		
# 273	ARTICLE Gastric Peroxidase and Its Role in Cellular Control of Gastric Acid Secretion. , 1990, , 505-513.	IF	CITATIONS 2	
274	Solubilization of the O2(-)-forming activity responsible for the respiratory burst in human neutrophils Journal of Biological Chemistry, 1978, 253, 6663-6665.	3.4	77	
275	Spectroscopic, ligand binding, and enzymatic properties of the spleen green hemeprotein. A comparison with myeloperoxidase Journal of Biological Chemistry, 1985, 260, 11688-11696.	3.4	49	
276	Role of monochloramine in the oxidation of erythrocyte hemoglobin by stimulated neutrophils Journal of Biological Chemistry, 1984, 259, 6757-6765.	3.4	122	
277	Formation of singlet oxygen by the myeloperoxidase-mediated antimicrobial system Journal of Biological Chemistry, 1977, 252, 4803-4810.	3.4	237	
278	Regulation of myeloperoxidase gene expression during differentiation of human myeloid leukemia HL-60 cells Journal of Biological Chemistry, 1984, 259, 3021-3025.	3.4	68	
279	The role of superoxide in the destruction of erythrocyte targets by human neutrophils Journal of Biological Chemistry, 1980, 255, 9912-9917.	3.4	132	
280	Isolation and Characterization of an Unprocessed Extracellular Myeloperoxidase in HL-60 Cell Cultures. Journal of Biological Chemistry, 1989, 264, 8542-8548.	3.4	24	
281	Chlorination of endogenous amines by isolated neutrophils. Ammonia-dependent bactericidal, cytotoxic, and cytolytic activities of the chloramines Journal of Biological Chemistry, 1984, 259, 10404-10413.	3.4	363	
282	Affinity Labeling of the Cytosolic and Membrane Components of the Respiratory Burst Oxidase by the 2′,3′-Dialdehyde Derivative of NADPH. Journal of Biological Chemistry, 1989, 264, 1958-1962.	3.4	72	
283	The reductive cleavage of myeloperoxidase in half, producing enzymically active hemi-myeloperoxidase Journal of Biological Chemistry, 1981, 256, 4211-4218.	3.4	179	
284	Myeloperoxidase-catalyzed inactivation of alpha 1-protease inhibitor by human neutrophils Journal of Biological Chemistry, 1981, 256, 3348-3353.	3.4	200	
285	The O2–producing enzyme of human neutrophils. Further properties Journal of Biological Chemistry, 1981, 256, 2321-2323.	3.4	144	
286	Singlet oxygen as a mediator in the hematoporphyrin-catalyzed photooxidation of NADPH to NADP+ in deuterium oxide. Journal of Biological Chemistry, 1977, 252, 8554-8560.	3.4	97	
287	Evidence for a role of taurine in the in vitro oxidative toxicity of neutrophils toward erythrocytes Journal of Biological Chemistry, 1985, 260, 3321-3329.	3.4	101	
288	Production of superoxide and hydrogen peroxide by an NADH-oxidase in guinea pig polymorphonuclear leukocytes. Modulation by nucleotides and divalent cations Journal of Biological Chemistry, 1979, 254, 11530-11537.	3.4	69	
289	Separation and purification of a potent bactericidal/permeability-increasing protein and a closely associated phospholipase A2 from rabbit polymorphonuclear leukocytes. Observations on their relationship Journal of Biological Chemistry, 1979, 254, 11000-11009.	3.4	223	
290	The O2(-) -forming oxidase responsible for the respiratory burst in human neutrophils. Properties of the solubilized enzyme Journal of Biological Chemistry, 1979, 254, 9070-9074.	3.4	197	

#	Article	IF	CITATIONS
291	Myeloperoxidase precursors in human myeloid leukemia HL-60 cells Journal of Biological Chemistry, 1982, 257, 5980-5982.	3.4	51
292	Different effects of phytohemagglutinin-activated lymphocytes and their culture supernatants on macrophage function. Infection and Immunity, 1976, 13, 1442-1448.	2.2	15
293	Bactericidal mechanisms in rabbit alveolar macrophages: evidence against peroxidase and hydrogen peroxide bactericidal mechanisms. Infection and Immunity, 1976, 14, 6-10.	2.2	48
294	Microbicidal mechanisms of human granulocytes: synergistic effects of granulocyte elastase and myeloperoxidase or chymotrypsin-like cationic protein. Infection and Immunity, 1976, 14, 1276-1283.	2.2	96
295	Chemiluminescence by human alveolar macrophages: stimulation with heat-killed bacteria or phorobol myristate acetate. Infection and Immunity, 1977, 17, 117-120.	2.2	46
296	Hydrogen Peroxide Release by Rat Alveolar Macrophages: Comparison with Blood Neutrophils. Infection and Immunity, 1978, 19, 621-629.	2.2	17
297	Evidence for Quantitative Variability of Bacterial Opsonic Requirements. Infection and Immunity, 1978, 19, 822-826.	2.2	32
298	Polymorphonuclear neutrophil chemotaxis under aerobic and anaerobic conditions. Infection and Immunity, 1978, 21, 381-386.	2.2	4
299	Role of hydrogen peroxide and peroxidase in the cytotoxicity of Trypanosoma dionisii by human granulocytes. Infection and Immunity, 1978, 21, 798-805.	2.2	20
300	Bactericidal capacity of phorbol myristate acetate-treated human polymorphonuclear leukocytes. Infection and Immunity, 1978, 22, 945-955.	2.2	31
301	Myeloperoxidase, hydrogen peroxide, chloride antimicrobial system: nitrogen-chlorine derivatives of bacterial components in bactericidal action against Escherichia coli. Infection and Immunity, 1979, 23, 522-531.	2.2	249
302	Superoxide production in pulmonary alveolar macrophages and killing of BCG by the superoxide-generating system with or without catalase. Infection and Immunity, 1979, 24, 404-410.	2.2	29
303	Myeloperoxidase-Hydrogen Peroxide-Chloride Antimicrobial System: Effect of Exogenous Amines on Antibacterial Action Against <i>Escherichia coli</i> . Infection and Immunity, 1979, 25, 110-116.	2.2	168
304	Mannose-sensitive stimulation of human leukocyte chemiluminescence by Escherichia coli. Infection and Immunity, 1979, 26, 1014-1019.	2.2	42
305	Production of hydroxyl radical by human alveolar macrophages. Infection and Immunity, 1979, 26, 1088-1092.	2.2	40
306	Biochemical properties of polymorphonuclear neutrophils from venous blood and peritoneal exudates of rabbits. Infection and Immunity, 1980, 29, 395-400.	2.2	53
307	Partial characterization of a bactericidal system in staphylococcal abscesses. Infection and Immunity, 1980, 30, 198-203.	2.2	22
308	Correlation between measurements of the luminol-dependent chemiluminescence response and bacterial susceptibility to phagocytosis. Infection and Immunity, 1980, 30, 370-374.	2.2	72

#	Article	IF	CITATIONS
309	Chemiluminescence by polymorphonuclear leukocytes adhering to surfaces. Infection and Immunity, 1981, 32, 1181-1186.	2.2	33
310	Myeloperoxidase-Mediated Oxidation of Methionine and Amino Acid Decarboxylation. Infection and Immunity, 1982, 36, 136-141.	2.2	14
311	Outer membrane mutants of Salmonella typhimurium LT2 have lipopolysaccharide-dependent resistance to the bactericidal activity of anaerobic human neutrophils. Infection and Immunity, 1982, 36, 1086-1095.	2.2	45
312	Effect of Oxygen-Dependent Antimicrobial Systems on <i>Legionella pneumophila</i> . Infection and Immunity, 1983, 39, 487-489.	2.2	39
313	Potency of bactericidal proteins purified from the large granules of bovine neutrophils. Infection and Immunity, 1983, 40, 684-690.	2.2	47
314	Lysosomal response of a murine macrophage-like cell line persistently infected with Coxiella burnetii. Infection and Immunity, 1983, 40, 1155-1162.	2.2	134
315	Bactericidal activity of a granule extract from human polymorphonuclear leukocytes against Bacteroides species. Infection and Immunity, 1983, 41, 1373-1375.	2.2	9
316	A wild and an attenuated strain of Francisella tularensis differ in susceptibility to hypochlorous acid: a possible explanation of their different handling by polymorphonuclear leukocytes. Infection and Immunity, 1984, 43, 730-734.	2.2	44
317	Chemiluminescent response to pathogenic organisms: normal human polymorphonuclear leukocytes. Infection and Immunity, 1984, 43, 744-752.	2.2	82
318	Pseudomonas aeruginosa exoproteases inhibit human neutrophil chemiluminescence. Infection and Immunity, 1984, 44, 587-591.	2.2	94
319	Ingestion and intracellular survival of Brucella abortus in human and bovine polymorphonuclear leukocytes. Infection and Immunity, 1984, 46, 224-230.	2.2	112
320	Brucellacidal activity of human and bovine polymorphonuclear leukocyte granule extracts against smooth and rough strains of Brucella abortus. Infection and Immunity, 1984, 46, 231-236.	2.2	80
321	Anaerobiosis increases resistance of Neisseria gonorrhoeae to O2-independent antimicrobial proteins from human polymorphonuclear granulocytes. Infection and Immunity, 1985, 47, 401-407.	2.2	42
322	Role of myeloperoxidase in the killing of Naegleria fowleri by lymphokine-altered human neutrophils. Infection and Immunity, 1987, 55, 1047-1050.	2.2	40
323	Augmentation of the neutrophil response to Naegleria fowleri by tumor necrosis factor alpha. Infection and Immunity, 1989, 57, 3110-3115.	2.2	25
324	Tumor necrosis factor alpha potentiates neutrophil antimicrobial activity: increased fungicidal activity against Torulopsis glabrata and Candida albicans and associated increases in oxygen radical production and lysosomal enzyme release. Infection and Immunity, 1989, 57, 2115-2122.	2.2	171
325	Superoxide anion production and superoxide dismutase and catalase activities in Coxiella burnetii. Journal of Bacteriology, 1983, 154, 520-523.	2.2	46
326	Catalase and superoxide dismutase activities in virulent and nonvirulent Staphylococcus aureus isolates. Journal of Clinical Microbiology, 1985, 21, 607-610.	3.9	52

#	Article	IF	CITATIONS
327	A comparison of the metabolic response to phagocytosis in human granulocytes and monocytes Journal of Clinical Investigation, 1976, 57, 1352-1358.	8.2	131
328	Chemiluminescence and superoxide production by myeloperoxidase-deficient leukocytes Journal of Clinical Investigation, 1976, 58, 50-60.	8.2	377
329	Further characterization of NADPH oxidase activity of human polymorphonuclear leukocytes Journal of Clinical Investigation, 1976, 58, 774-780.	8.2	67
330	The origin of the chemiluminescence of phagocytosing granulocytes Journal of Clinical Investigation, 1976, 58, 789-796.	8.2	293
331	The particulate superoxide-forming system from human neutrophils. Properties of the system and further evidence supporting its participation in the respiratory burst Journal of Clinical Investigation, 1976, 58, 989-996.	8.2	327
332	Hydrogen Peroxide Production in Chronic Granulomatous Disease. Journal of Clinical Investigation, 1977, 59, 1088-1098.	8.2	78
333	Evidence for hydroxyl radical generation by human Monocytes Journal of Clinical Investigation, 1977, 60, 370-373.	8.2	137
334	Detection, Pathogenesis, and Prevention of Damage to Human Granulocytes Caused by Interaction with Nylon Wool Fiber. Journal of Clinical Investigation, 1977, 60, 1183-1190.	8.2	41
335	H2O2 Release from Human Granulocytes during Phagocytosis. Journal of Clinical Investigation, 1977, 60, 1266-1279.	8.2	485
336	Immunologic and Nonimmunologic Generation of Superoxide from Mast Cells and Basophils. Journal of Clinical Investigation, 1978, 61, 187-196.	8.2	85
337	Oxygen radicals mediate endothelial cell damage by complement-stimulated granulocytes. An in vitro model of immune vascular damage Journal of Clinical Investigation, 1978, 61, 1161-1167.	8.2	1,051
338	Termination of the Respiratory Burst in Human Neutrophils. Journal of Clinical Investigation, 1978, 61, 1176-1185.	8.2	160
339	Subcellular localization of the superoxide-forming enzyme in human neutrophils Journal of Clinical Investigation, 1979, 63, 21-29.	8.2	257
340	Myeloperoxidase-Mediated Platelet Release Reaction. Journal of Clinical Investigation, 1979, 63, 177-183.	8.2	50
341	Fluoride-mediated activation of the respiratory burst in human neutrophils. A reversible process Journal of Clinical Investigation, 1979, 63, 637-647.	8.2	162
342	Generation of chemiluminescence by a particulate fraction isolated from human neutrophils. Analysis of molecular events Journal of Clinical Investigation, 1979, 63, 648-655.	8.2	67
343	Chemotactic Factor Inactivation by the Myeloperoxidase-Hydrogen Peroxide-Halide System. Journal of Clinical Investigation, 1979, 64, 913-920.	8.2	144
344	Generation of Hydroxyl Radical by Enzymes, Chemicals, and Human Phagocytes In Vitro. Journal of Clinical Investigation, 1979, 64, 1642-1651.	8.2	269

#	ARTICLE	IF	CITATIONS
345	Oxidation of Methionine by Human Polymorphonuclear Leukocytes. Journal of Clinical Investigation, 1980, 65, 1041-1050.	8.2	53
346	Interactions between Antibiotics and Human Neutrophils in the Killing of Staphylococci. Journal of Clinical Investigation, 1981, 67, 247-259.	8.2	103
347	Role of Cell-generated Hydrogen Peroxide in Granulocyte-mediated Killing of Schistosomula of Schistosoma nansoni In Vitro. Journal of Clinical Investigation, 1981, 67, 93-102.	8.2	111
348	In vivo damage of rat lungs by oxygen metabolites Journal of Clinical Investigation, 1981, 67, 983-993.	8.2	331
349	Phagocytosing human neutrophils inactivate their own granular enzymes Journal of Clinical Investigation, 1981, 67, 1541-1549.	8.2	96
350	Oxidative decarboxylation of free and peptide-linked amino acids in phagocytizing guinea pig granulocytes Journal of Clinical Investigation, 1981, 68, 365-373.	8.2	17
351	Myeloperoxidase-dependent effect of amines on functions of isolated neutrophils Journal of Clinical Investigation, 1983, 72, 441-454.	8.2	240
352	Prevention of granulocyte-mediated oxidant lung injury in rats by a hydroxyl radical scavenger, dimethylthiourea Journal of Clinical Investigation, 1984, 74, 1456-1464.	8.2	288
353	Involvement of Activated Polymorphonuclear Leukocytes in Galactosamine-Induced Hepatic Injury in Rats Journal of Clinical Biochemistry and Nutrition, 1994, 16, 27-36.	1.4	4
355	Peritoneal Tissue Repair Cells. , 2000, , 51-64.		1
356	Granulocytic Phagocytes. , 2010, , 99-127.		3
357	White Cells. , 1977, , 259-276.		2
358	Supportive Care in the Cancer Patient. , 1977, , 223-282.		0
359	Der Granulozyt. , 1978, , 207-248.		0
360	Phagocytic Defects. , 1979, , 89-103.		0
361	Antimicrobial Functions of Phagocytes and Microbial Countermeasures. , 1980, , 369-395.		1
362	The Role of Oxygen Radicals in Microbial Killing by Phagocytes. , 1980, , 339-354.		5
363	Endocytosis and the lysosomal Apparatus: Recent Developments. , 1981, , 151-169.		0

# 364	ARTICLE Quantitative Untersuchungen zur Hemmung von Granulozyten- und Makrophagenfunktionen durch steroidale und nicht-steroidale Antirheumatika in vitro. , 1981, , 351-353.	IF	CITATIONS 0
365	Leukocytes and inflammation. Ensho, 1981, 1, 331-342.	0.0	0
366	Biochemical Properties of Polymorphonuclear Neutrophils infiltrated to the site of Inflammation from the Circulating Blood. Ensho, 1981, 1, 225-232.	0.0	1
367	Studies on superoxide production of human neutrophils. Okayama Igakkai Zasshi, 1981, 93, 873-883.	0.0	0
368	Immunology of Streptococci. , 1981, , 47-92.		3
369	HYDROGEN PEROXIDE SECRETION BY MACROPHAGES AS A MARKER OF ACTIVATION AND A MEDIATOR OF CYTOLYSIS: ROLE OF TUMOR CELL ANTIOXIDANT DEFENSES. , 1982, , 391-417.		1
370	Luminol-enhanced chemiluminescence (CL) by oxygen radicals. Ensho, 1982, 2, 361-362.	0.0	0
371	Significance of oxygen intermediates-superoxide ratio in tissue injuries of several disorders. Ensho, 1984, 4, 209-218.	0.0	1
372	Immunobiology of the Macrophage. , 1984, , 1-11.		0
373	The Role of the Neutrophil in the Inflammatory Response. , 1985, , 619-649.		0
374	Halogenation of benzo(a)pyrene by myeloperoxidase Japanese Journal of Oral Biology, 1985, 27, 282-290.	0.1	4
375	Role of whole blood luminol-dependent chemiluminescence on monitoring acute bacterial infections Ensho, 1986, 6, 134-140.	0.0	0
376	The effect of starvation on the phagocytic and bacteriocidal activities in heterophils of chicks Nihon Kakin Gakkaishi = Japanese Poultry Science, 1986, 23, 269-275.	0.3	5
377	Clinical effects of liposomal SOD in several intractable diseases Ensho, 1987, 7, 281-283.	0.0	0
378	Host defense impairment in relation to postoperative infection of the patients with esophageal varices and hepatoma Japanese Journal of Gastroenterological Surgery, 1988, 21, 2519-2528.	0.1	0
379	The Respiratory Burst and the Metabolism of Drugs. , 1988, , 245-276.		1
380	Studies on superoxide anion production by human monocytes. Okayama Igakkai Zasshi, 1988, 100, 885-893.	0.0	0
381	Peritoneal Macrophages. , 1992, , 171-208.		1

IF ARTICLE CITATIONS Lysosomal Proteins as Autoantigens of Clinical Relevance., 1993, , 146-162. 382 0 Oxygen Transport and Cellular Mechanisms during Hyperbaric Oxygenation., 1997, , 99-114. 384 Luminol-amplified chemiluminescence by human polymorphonuclear leukocytes. Ensho, 1983, 3, 82-87. 0.0 0 Activation of bovine monocytes and neutrophils by the Bb fragment of complement factor B: demonstration by the uptake of 3H-deoxyglucose. Canadian Journal of Veterinary Research, 1990, 54, 420 1.1 106-12. Quantitative and qualitative effects of cyclophosphamide administration on circulating 421 4.4 13 polymorphonuclear leucocytes. Immunology, 1976, 31, 139-44. Fungicidal activity of human neutrophils and monocytes on dermatophyte fungi, Trichophyton quinckeanum and Trichophyton rubrum. Immunology, 1987, 61, 289-95. 4.4 Superoxide production from human polymorphonuclear leucocytes stimulated with immunoglobulins of different classes and fragments of IgG bound to polystyrene dishes. Immunology, 1978, 35, 613-8. 423 4.4 23 Inhibition or killing of an intracellular pathogen by activated macrophages is abrogated by TLCK or 4.4 aminophylline. Immunology, 1980, 39, 599-605. Early decay of human neutrophil chemotactic responsiveness following isolation from peripheral 425 2.6 47 blood. Clinical and Experimental Immunology, 1980, 39, 532-7. Role of hydrogen peroxide in the cytotoxic reaction of T lymphocytes. Clinical and Experimental 2.6 Immunology, 1980, 39, 486-95. Role of oxygen-derived free radicals and metabolites in leukocyte-dependent inflammatory reactions. 427 422 3.8 American Journal of Pathology, 1982, 107, 395-418. The effect of phorbol myristate acetate on the metabolism and ultrastructure of human alveolar 3.8 macrophages. American Journal of Pathology, 1978, 91, 469-82. Talaromyces marneffei Infection: Virulence, Intracellular Lifestyle and Host Defense Mechanisms. 429 3.5 25 Journal of Fungi (Basel, Switzerland), 2022, 8, 200. Hydrogen Peroxide Induces Up-Regulation of Fas in Human Endothelial Cells. Journal of Immunology, 0.8 1998, 160, 4042-4047.