There is more than one interleukin 1

Trends in Immunology 7, 45-56

DOI: 10.1016/0167-5699(86)90124-6

Citation Report

#	Article	IF	CITATIONS
1	Point mutations of human interleukin-1 with decreased receptor binding affinity. FEBS Letters, 1986, 209, 295-298.	1.3	55
2	Interleukin $1\hat{l}\pm$ mRNA in virus-transformed T and B cells. Biochemical and Biophysical Research Communications, 1986, 139, 353-360.	1.0	24
3	Monoclonal Anti-IL 1 is Directed against a Common Site of Human IL $1\hat{l}_{\pm}$ and IL $1\hat{l}^{2}$. Immunobiology, 1986, 172, 346-356.	0.8	3
4	The Receptor for Interleukin 1 in Plasma Membranes of the Human Leukemia Cell K 562: Biological and Biochemical Characterization. Immunobiology, 1986, 172, 336-345.	0.8	7
5	Protection of mice against intestinal amoebiasis with BCG, Corynebacterium parvum and Listeria monocytogenes. Parasite Immunology, 1986, 8, 663-667.	0.7	9
6	Structure and expression of cDNA and genes for human interferon-beta-2, a distinct species inducible by growth-stimulatory cytokines EMBO Journal, 1986, 5, 2529-2537.	3.5	448
7	Interleukin 1-like factor produced by a hybrid of an adherent mouse spleen cell and a thymoma cell. Immunology Letters, 1986, 13, 143-149.	1.1	0
8	Localization of the gene for human erythrocyte glycophorin C to chromosome 2, q14–q21. Human Genetics, 1986, 74, 420-422.	1.8	53
9	Purification and characterization of human interleukin-1beta expressed in recombinant Escherichia coli. FEBS Journal, 1986, 160, 491-497.	0.2	150
10	A 1H-NMR study of human interleukin-1 beta. Sequence-specific assignment of aromatic residues using site-directed mutant proteins. FEBS Journal, 1986, 161, 37-43.	0.2	34
11	Bioassay of interleukins. Cytotechnology, 1986, 10, 93-99.	0.3	14
12	Effects of Disodium Ethaneâ€1â€Hydroxyâ€1,1â€Diphosphonate (EHDP) on Interleukin 1 Production by Macrophages. Microbiology and Immunology, 1986, 30, 1199-1206.	0.7	14
13	Interleukin 1 and Interferon- \hat{l}^3 : Cytokines that Provide Reciprocal Regulation of Macrophage and T Cell Function. Toxicologic Pathology, 1987, 15, 333-337.	0.9	23
14	In vitro Modulation of T6 Expression on Gingival Langerhans Cells by Interleukin-1 Inhibitors and ETAF. Journal of Dental Research, 1987, 66, 766-769.	2.5	9
15	Cytokine-induced expression of HIV-1 in a chronically infected promonocyte cell line. Science, 1987, 238, 800-802.	6.0	929
16	Monosomy 7 in Granulocytes and Monocytes in Myelodysplastic Syndrome. New England Journal of Medicine, 1987, 316, 499-503.	13.9	100
17	Recombinant-derived interleukin- $\hat{\Pi}$ stabilized against specific deamidation. Protein Engineering, Design and Selection, 1987, 1, 413-417.	1.0	39
18	Human Urine-Derived Inhibitors of Interleukin 1. Clinical Infectious Diseases, 1987, 9, S594-S598.	2.9	11

#	Article	IF	CITATIONS
19	Regulation of Human B Lymphocyte Activation, Proliferation, and Differentiation. Advances in Immunology, 1987, 40, 1-59.	1.1	115
20	Invited Review: Possible Mechanisms Involved in the Immunoregulation of Chronic Inflammatory Periodontal Disease. Journal of Dental Research, 1987, 66, 2-9.	2.5	134
21	A New Series on the Revolution in Immunology. New England Journal of Medicine, 1987, 316, 1338-1339.	13.9	4
22	Cytokines as inflammatory mediators. British Medical Bulletin, 1987, 43, 350-370.	2.7	86
23	Immunological Abnormalities in Juvenile Chronic Arthritis. Scandinavian Journal of Rheumatology, 1987, 16, 107-118.	0.6	10
24	Virus-Induced Formation of Reactive Oxygen Intermediates in Phagocytic Cells. Free Radical Research Communications, 1987, 3, 39-46.	1.8	82
25	Immunomodulators in Clinical Medicine. Annals of Internal Medicine, 1987, 106, 421.	2.0	98
26	Chapter 23 Response of the Endothelium to Tumor Necrosis Factor (Cachectin) and Interleukin-1. Annual Reports in Medicinal Chemistry, 1987, , 235-243.	0.5	5
27	Determination of the minimum polypeptide lengths of the functionally active sites of human interleukins 1 alpha and 1 beta Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 4572-4576.	3.3	96
28	Synergy of interleukin 1 and granulocyte colony-stimulating factor: in vivo stimulation of stem-cell recovery and hematopoietic regeneration following 5-fluorouracil treatment of mice Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 7134-7138.	3.3	339
29	The Role of Interleukin-1 in Increased Vascular Permeability in Inflammation. , 1987, , 51-54.		1
30	Isolation of Interleukin-1 from Human Milk. International Archives of Allergy and Immunology, 1987, 83, 19-23.	0.9	63
31	Spontaneous release of interleukin 1 from human blood monocytes reflects bone formation in idiopathic osteoporosis Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 4616-4620.	3.3	295
32	A simple sensitive bioassay for interleukin-1 which is unresponsive to 103 U/ml of interleukin-2. Journal of Immunological Methods, 1987, 99, 7-11.	0.6	180
33	Antigen presentation and the response to parasitic infection. Parasitology Today, 1987, 3, 293-299.	3.1	29
34	Lymphokines in the regulation of immune responses. Veterinary Immunology and Immunopathology, 1987, 17, 173-182.	0.5	2
35	Human interleukin-1 beta gene. Gene, 1987, 52, 95-101.	1.0	86
36	Molecular Modification of Lymphokines by in Vitro Mutagenesis. Annals of the New York Academy of Sciences, 1987, 507, 22-31.	1.8	2

#	Article	IF	CITATIONS
37	Differential Stimulation of Mononuclear Phagocyte IL 1 Production and Oxidative Burst by Tumor-Promoting and Non-Tumor-Promoting Agents. Immunobiology, 1987, 175, 470-481.	0.8	3
38	Sandwich enzyme immunoassay for human interleukin- $1\hat{l}\pm$ produced in vitro by peripheral blood mononuclear cells. Clinica Chimica Acta, 1987, 170, 97-103.	0.5	10
39	Sandwich enzyme immunoassay for human interleukin- $1\hat{l}^2$ (hIL- $1\hat{l}^2$) in urine. Clinica Chimica Acta, 1987, 166, 237-246.	0.5	41
40	Identification of the plasma membrane receptor for interleukin-1 on mouse thymoma cells. FEBS Letters, 1987, 219, 365-368.	1.3	33
41	Muteins of human interleukin-1 that show enhanced bioactivities. FEBS Letters, 1987, 223, 294-298.	1.3	42
42	Murine interleukin-1 receptor: Differences in binding properties between fibroblastic and thymoma cells and evidence for a two-chain receptor model. FEBS Letters, 1987, 225, 21-26.	1.3	56
43	Induction of cyclo-oxygenase by interleukin-1 in rheumatoid synovial cells. FEBS Letters, 1987, 212, 35-39.	1.3	58
44	cDNA cloning of IL- \hat{l} ± and IL- \hat{l} 2 from mRNA of U937 cell line. Biochemical and Biophysical Research Communications, 1987, 143, 345-352.	1.0	125
45	Tumor necrosis factor as an interleukin 1-dependent differentiation inducing factor (D-factor) for mouse myeloid leukemic cells. Biochemical and Biophysical Research Communications, 1987, 143, 390-397.	1.0	19
46	Production of Prostaglandin E2 and Interleukin 1 by Mouse Peritoneal Macrophages Stimulated with beta-l, 3-D-Glucan Derivatized Plastic Beads. Scandinavian Journal of Immunology, 1987, 26, 731-736.	1.3	30
48	Metabolism of protein anticancer agents. , 1987, 34, 1-49.		54
49	Transgenic mice expressing a hemopoietic growth factor gene (GM-CSF) develop accumulations of macrophages, blindness, and a fatal syndrome of tissue damage. Cell, 1987, 51, 675-686.	13.5	377
50	Interleukin-1 derived from human monocytic leukemia cell line JOSK-I acts as an autocrine growth factor. Biochemical and Biophysical Research Communications, 1987, 147, 39-46.	1.0	8
51	Enchondral cartilage rests collagen-induced autoimmunity: A possible pathogenetic mechanism of otosclerosis. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 1987, 8, 317-324.	0.6	24
52	The structure and regulation of the human prointerleukin-1 beta gene. Annales De L'Institut Pasteur Immunologie, 1987, 138, 462-469.	0.9	6
53	The interleukin-1/interleukin-1-receptor interaction. Annales De L'Institut Pasteur Immunologie, 1987, 138, 482-485.	0.9	3
54	Active fragments of IL-1: Towards a dissociation of the functions?. Annales De L'Institut Pasteur Immunologie, 1987, 138, 492-496.	0.9	2
55	Purified human and recombinant murine interleukin- $1\hat{l}$ ± induced accumulation of inflammatory peritoneal neutrophils and mononuclear phagocytes: possible contributions to antibacterial resistance. Microbial Pathogenesis, 1987, 3, 377-386.	1.3	47

#	Article	IF	Citations
56	Lymphokines. Drugs, 1987, 33, 289-295.	4.9	7
57	Iron deficiency and interleukin 1 production by rat leukocytes. American Journal of Clinical Nutrition, 1987, 46, 346-352.	2.2	57
58	Structure and expression of human B cell stimulatory factor-2 (BSF-2/IL-6) gene EMBO Journal, 1987, 6, 2939-2945.	3.5	463
59	Spontaneous production of interleukin 1 activity by chronic lymphocytic leukemic cells. Blood, 1987, 70, 1851-1857.	0.6	41
60	Role of Epidermal Cell Thymocyte-Activating Factor in the Proliferation and Differentiation of Murine B Cells. Journal of Leukocyte Biology, 1987, 42, 222-229.	1.5	5
61	Interleukin 1 gene expression in cultured human keratinocytes is augmented by ultraviolet irradiation Journal of Clinical Investigation, 1987, 80, 430-436.	3.9	339
62	The activities of cytokines are pleiotropic and interdependent. Immunology Letters, 1987, 16, 179-183.	1.1	18
63	Phospholipase A2 activation by interleukin 1: Release and metabolism of arachidonic acid by IL 1-stimulated rabbit chondrocytes. Agents and Actions, 1987, 21, 345-347.	0.7	16
64	Augmentation of immune responses by a muramyl dipeptide analog, MDP-Lys(L18). Agents and Actions, 1987, 22, 144-150.	0.7	17
65	Tumor necrosis factor (TNF) alpha: control of TNF-sensitivity and molecular mechanisms of TNF-mediated growth inhibition. Blut, 1987, 55, 1-10.	1.2	27
66	Interleukin-1? and interleukin-1? stimulate the N-acetyl-?-glucosaminidase activity of human synovial cells. Rheumatology International, 1987, 7, 271-275.	1.5	6
67	Interleukin 1 dose-dependently affects the biosynthesis of (pro)insulin in isolated rat islets of Langerhans. Diabetologia, 1987, 30, 474-480.	2.9	102
68	Immunological discrimination between self and non-self by precursor depletion and memory accumulation. Journal of Theoretical Biology, 1987, 124, 343-369.	0.8	34
69	Interleukin-1-like immunoreactiveity in pripheral tissues. Journal of Neuroscience Research, 1987, 18, 184-189.	1.3	60
70	Regulation of tumor development: The biphasic effects of silica and of lipopolysaccharide on natural resistance. International Journal of Cancer, 1987, 40, 122-130.	2.3	4
71	Tumor necrosis factor: Receptor binding and mitogenic action in fibroblasts. Journal of Cellular Physiology, 1987, 133, 57-61.	2.0	26
72	Interleukin 1 and poly(rI) \hat{A} poly(rC) induce production of a hybridoma growth factor by human fibroblasts. European Journal of Immunology, 1987, 17, 1-7.	1.6	181
73	Interleukin 4 (lgG1 induction factor): a multifunctional lymphokine acting also on T cells. European Journal of Immunology, 1987, 17, 67-72.	1.6	78

#	Article	IF	CITATIONS
74	High efficiency antigen presentation by thyroglobulin primed murine splenic B cells. European Journal of Immunology, 1987, 17 , $393-398$.	1.6	40
75	The inflammation mediators interleukin 1 and hepatocyte-stimulating factor are differently regulated in human monocytes. European Journal of Immunology, 1987, 17, 707-711.	1.6	39
76	An antigen-independent physiological activation pathway for L3T4+ T lymphocytes. European Journal of Immunology, 1987, 17, 775-781.	1.6	11
77	In vitro production of human interleukin $\hat{\mathbb{I}}_{\pm}$ and interleukin $\hat{\mathbb{I}}_{2}$ by peripheral blood mononuclear cells examined by sensitive sandwich enzyme immunoassay. European Journal of Immunology, 1987, 17, 1527-1530.	1.6	69
78	Anti-Thy-1-induced proliferation of immature thymocytes expressing the CD3-associated \hat{l}^3/\hat{l}' heterodimer. European Journal of Immunology, 1987, 17, 1677-1680.	1.6	5
79	Human T cells from autoimmune and normal individuals can produce tumor necrosis factor. European Journal of Immunology, 1987, 17, 1807-1814.	1.6	94
80	Interleukin- $1\hat{l}^2$ and interleukin- $1\hat{l}\pm$ stimulate the plasminogen activator activity and prostaglandin E2 levels of human synovial cells. Arthritis and Rheumatism, 1987, 30, 562-566.	6.7	100
81	Current trends in research on the etiology and pathogenesis of byssinosis. American Journal of Industrial Medicine, 1987, 12, 711-716.	1.0	13
82	Effects of quinolones on interleukin 1 production in vitro by human monocytes. Immunopharmacology, 1987, 13, 99-109.	2.0	59
83	Enhancement of the interleukin 2 receptor expression on T cells by multiple B-lymphotropic lymphokines. Immunology Letters, 1987, 15, 249-253.	1.1	96
84	The interleukin-1 receptor. Trends in Immunology, 1987, 8, 46-51.	7.5	175
85	Interferon \hat{I}^2 2 as a promoter of growth and differentiation of B cells. Trends in Immunology, 1987, 8, 84-87.	7. 5	81
86	Increased release of interleukin-1 from mouse peritoneal macrophages in vitro after cisplatin treatment. International Journal of Immunopharmacology, 1987, 9, 385-388.	1.1	13
87	Modulatory effects of glucocorticoids on immunoregulatory functions of epidermal cells. International Journal of Immunopharmacology, 1987, 9, 577-585.	1.1	10
88	Interleukin 2 and its receptor: Structure, function and therapeutic potential. Blood Reviews, 1987, 1, 254-266.	2.8	31
89	The HLAâ€IDDM association: Implications for etiology and pathogenesis of IDDM. Diabetes/metabolism Reviews, 1987, 3, 779-802.	0.2	93
90	Interleukin 1 and prostaglandin production by cells of the mononuclear phagocyte system isolated from mycobacterial granulomas. Cellular Immunology, 1987, 104, 12-23.	1.4	8
91	Defects in tumor cell immunogenicity: Lymphokine signals in in vitro cytolytic responses to tumor alloantigens. Cellular Immunology, 1987, 106, 151-162.	1.4	3

#	Article	IF	CITATIONS
92	Regulation of the antibody response by the acute phase reactant: Mouse serum amyloid P-component (SAP). Cellular Immunology, 1987, 106, 273-286.	1.4	4
93	Studies on primed precursors of effector T cells involved in delayed-type hypersensitivity to sheep red blood cells in mice. Cellular Immunology, 1987, 108, 120-131.	1.4	5
94	Regulation of T-cell functions by l-lactate. Cellular Immunology, 1987, 108, 405-416.	1.4	49
95	Regulation of T-cell activation and T-cell growth factor (TCGF) production by hydrogen peroxide. Cellular Immunology, 1987, 108, 417-424.	1.4	76
96	Theoretical and Practical Aspects of B-Cell Activation: Murine and Human Systems. Immunological Reviews, 1987, 99, 281-299.	2.8	52
97	The Skin Immune System (SIS): Distribution and Immunophenotype of Lymphocyte Subpopulations in Normal Human Skin. Journal of Investigative Dermatology, 1987, 88, 569-573.	0.3	298
98	Fever and Increased Serum IL-1 Activity As a Systemic Manifestation of Acute Phototoxicity in New Zealand White Rabbits. Journal of Investigative Dermatology, 1987, 89, 32-37.	0.3	29
99	Separate but Complementary Roles for the Two Forms of Interleukin 1 in the Growth of Transformed Human B Lymphoblasts. Scandinavian Journal of Immunology, 1987, 26, 295-301.	1.3	9
100	Purification and characterization of human interleukin-1alpha produced in Escherichia coli. FEBS Journal, 1987, 165, 537-541.	0.2	48
101	Purification and characterization of human fibroblast-derived hybridoma growth factor identical to T-cell-derived B-cell stimulatory factor-2 (interleukin-6). FEBS Journal, 1987, 168, 543-550.	0.2	92
102	New inducers revealed by the promoter sequence analysis of two interferon-activated human genes. FEBS Journal, 1987, 169, 313-321.	0.2	114
103	The rat testis produces large amounts of an interleukin-1-like factor. Journal of Developmental and Physical Disabilities, 1987, 10, 495-503.	3.6	119
104	Regulation of synthesis and secretion of major rat acute-phase proteins by recombinant human interleukin-6 (BSF-2/1L-6) in hepatocyte primary cultures. FEBS Journal, 1988, 173, 287-293.	0.2	183
106	Aminobisphosphonate inhibition of interleukin-1â€"induced bone resorption in mouse calvariae. Arthritis and Rheumatism, 1988, 31, 762-768.	6.7	6
107	Stimulation of the hyaluronic acid levels of human synovial fibroblasts by recombinant human tumor necrosis factor \hat{l}^{\pm} , tumor necrosis factor \hat{l}^{2} (lymphotoxin), interleukin- $l\hat{l}^{\pm}$, and interleukin- $l\hat{l}^{2}$. Arthritis and Rheumatism, 1988, 31, 1281-1289.	6.7	69
108	Effects of recombinant human interleukin- $1\hat{l}^2$ on rabbit articular chondrocytes. Arthritis and Rheumatism, 1988, 31, 1290-1296.	6.7	43
109	Pharmaceutical Proteins. Angewandte Chemie International Edition in English, 1988, 27, 207-225.	4.4	26
110	Action of recombinant human interleukin 6, interleukin $1\hat{l}^2$ and tumor necrosis factor \hat{l}^\pm on the mRNA induction of acute-phase proteins. European Journal of Immunology, 1988, 18, 739-746.	1.6	255

#	Article	IF	CITATIONS
111	Both interleukin 1 and tumor necrosis factor enhance thymocyte proliferation. European Journal of Immunology, 1988, 18, 1303-1306.	1.6	54
112	B cell-stimulating activity of lymphoid cell membrane fractions*. European Journal of Immunology, 1988, 18, 1405-1410.	1.6	18
113	Studies on the release of cell-associated interleukin 1 by paraformaldehyde-treated murine macrophages. European Journal of Immunology, 1988, 18, 1609-1614.	1.6	16
114	Interleukin-1 and tumor necrosis factor production by tumor-associated mononuclear leukocytes and peripheral mononuclear leukocytes in cancer patients. International Journal of Cancer, 1988, 42, 712-714.	2.3	26
115	Human monocyte/macrophage activation and interleukin 1 generation by biomedical polymers. Journal of Biomedical Materials Research Part B, 1988, 22, 713-731.	3.0	137
116	Rapid expression of ornithine decarboxylase mRNA in a macrophage-like cell line: cAMP repression of the requirement for prior protein synthesis. Journal of Cellular Physiology, 1988, 134, 453-459.	2.0	13
117	Inductive effect of recombinant human interleukin-1? and? on differentiation of macrophage-like tumor cell line P388D1. Journal of Cellular Physiology, 1988, 136, 543-546.	2.0	5
118	Dendritic cells in rheumatoid inflammation. Seminars in Immunopathology, 1988, 10, 141-156.	4.0	9
119	Recombinant interleukin-1 stimulates prostaglandin E2 production by osteoblastic cells: Synergy with parathyroid hormone. Calcified Tissue International, 1988, 42, 358-362.	1.5	75
120	Crystallization of recombinant human interleukin 1β. Journal of Crystal Growth, 1988, 90, 180-187.	0.7	8
121	Resistance of tumor cells to tumor necrosis factor. Journal of Clinical Immunology, 1988, 8, 333-341.	2.0	44
122	Autocrine growth stimulation of human keratinocytes by epidermal cell-derived thymocyte-activating factor: implications for skin aging. Archives of Dermatological Research, 1988, 280, 71-76.	1.1	107
123	Crystallization of purified recombinant human interleukin- $1\hat{l}^2$. Proteins: Structure, Function and Bioinformatics, 1988, 3, 121-129.	1.5	34
124	Immunomodulators from plants and fungi. Phytotherapy Research, 1988, 2, 159-164.	2.8	21
125	The pathomechanisms of psoriasis; the skin immune system and cyclosporin. British Journal of Dermatology, 1988, 118, 141-155.	1.4	144
126	Studies on the Role of Lymphocyte Function-Associated Antigen 1 (LFA-1) in T Cell Activation. Scandinavian Journal of Immunology, 1988, 27, 7-16.	1.3	21
127	Histamine Inhibits Interleukin 1 Production by Lipopolysaccharide-Stimulated Human Peripheral Blood Monocytes. Scandinavian Journal of Immunology, 1988, 27, 527-532.	1.3	60
128	Interleukin 1 and the glomerular mesangium. III. IL- 1 -dependent stimulation of mesangial cell protein kinase activity. Kidney International, 1988 , 34 , 26 - 35 .	2.6	42

#	Article	IF	CITATIONS
129	Detection of a Specific Inhibitor of Interleukin 1 in Sera of UVB-Treated Mice. Journal of Investigative Dermatology, 1988, 91, 536-540.	0.3	21
130	Differential Induction of Membrane-Associated Interleukin 1 (IL-1) Expression and IL-1alpha and IL-1beta Secretion by Lipopolysaccharide and Silica in Human Monocytes. Scandinavian Journal of Immunology, 1988, 27, 725-730.	1.3	15
131	The effect of interleukin-1 beta on hyaluronic acid synthesized by adult human gingival fibroblasts in vitro. Journal of Periodontal Research, 1988, 23, 139-147.	1.4	31
132	Immunocytochemical examination of immune cells in periapical granulomata and odontogenic cysts. Journal of Oral Pathology and Medicine, 1988, 17, 84-90.	1.4	58
133	Osteoclast activating factor is now interleukin-1 beta: historical perspective and biological implications. Journal of Oral Pathology and Medicine, 1988, 17, 145-152.	1.4	59
134	N-acetylmuramyl-l-alanyl-d-isoglutamine stimulates the immune response of B cells. Journal of Chromatography A, 1988, 440, 95-103.	1.8	3
135	Epidermal Interleukin-1 is Increased in Cutaneous T-Cell Lymphoma. Journal of Investigative Dermatology, 1988, 90, 378-381.	0.3	56
136	Interleukin 1 Induces CD1 Antigen Expression on Human Gingival Epithelial Cells. Journal of Investigative Dermatology, 1988, 90, 13-16.	0.3	29
137	Interleukin- $1\hat{l}^2$ as a potent hyperalgesic agent antagonized by a tripeptide analogue. Nature, 1988, 334, 698-700.	13.7	597
138	Impairment of monocyte functions in advanced head and neck cancer. Immunology Letters, 1988, 18, 213-218.	1.1	28
139	Recombinant human interleukin $1\hat{l}_{\pm}$ enhances anti-Listeria resistance in both genetically resistant and susceptible strains of mice. Immunology Letters, 1988, 18, 289-292.	1.1	8
140	Opposite effects of the catecholamines dopamine and norepinephrine on murine polyclonal B-cell activation. Immunopharmacology, 1988, 16, 125-137.	2.0	43
141	In vitro and in vivo interactions of cells with biomaterials. Biomaterials, 1988, 9, 5-13.	5.7	331
142	Malignant tumor cell lines produce interleukin-1-like factor. In Vitro Cellular & Developmental Biology, 1988, 24, 753-758.	1.0	36
143	Interleukin-2-induced production of interferon- \hat{I}^3 by resting human T cells and large granular lymphocytes: Requirement for accessory cell factors, including interleukin-1. Cellular Immunology, 1988, 113, 130-142.	1.4	30
144	Enhancement of B-cell stimulation by muramyl dipeptide through a mechanism not involving interleukin 1 or increased Ca2+ mobilization or protein kinase C activation. Cellular Immunology, 1988, $111, 10$ -27.	1.4	24
145	Cell-mediated immunity to chemically xenogenized tumors. Cellular Immunology, 1988, 111, 365-378.	1.4	15
146	cDNA expression cloning of the IL-1 receptor, a member of the immunoglobulin superfamily. Science, 1988, 241, 585-589.	6.0	884

#	Article	IF	CITATIONS
147	Purification and characterization of a cytosolic 65-kilodalton phosphoprotein in human leukocytes whose phosphorylation is augmented by stimulation with interleukin 1. Biochemistry, 1988, 27, 3765-3770.	1.2	73
148	Interleukin-1-induced alterations in proteoglycan metabolism and matrix assembly. Archives of Biochemistry and Biophysics, 1988, 265, 294-301.	1.4	23
149	Site-specific mutagenesis of the human interleukin- $\hat{l^2}$ gene: Structure-function analysis of the cysteine residues. Biochemical and Biophysical Research Communications, 1988, 150, 1106-1114.	1.0	34
150	Cloning and sequence analysis of a cDNA for lymphocyte proliferation potentiating factor of rabbit polymorphonuclear leukocytes: Identification as rabbit interleukin $1\hat{l}^2$. Biochemical and Biophysical Research Communications, 1988, 150, 1237-1243.	1.0	42
151	Decreased interleukin-1 production in aplastic anemia. American Journal of Medicine, 1988, 85, 668-674.	0.6	35
152	Anti-inflammatory action of interleukin 1 through the pituitary-adrenal axis in rats. European Journal of Pharmacology, 1988, 151, 67-73.	1.7	48
153	Interleukin-1? is a potent growth inhibitor of adult rat hepatocytes in primary culture*1. Experimental Cell Research, 1988, 179, 488-497.	1.2	134
154	Tumor necrosis factor and interleukin 1 activate phospholipase in rat chondrocytes. FEBS Letters, 1988, 232, 24-28.	1.3	46
155	Site directed mutants of human interleukin-1α: A 1 H-NMR and receptor binding study. FEBS Letters, 1988, 231, 135-138.	1.3	15
156	High-cell density fermentation studies of recombinant Escherichia coli strains expressing human interleukin- $\hat{\Pi}^2$. Annales De L'Institut Pasteur Microbiologie, 1988, 139, 129-146.	0.8	69
157	Establishment of a highly sensitive enzyme-linked immunosorbent assay for interleukin- $\hat{1}$ ± employing a fluorogenic substrate. Journal of Immunological Methods, 1988, 107, 41-46.	0.6	8
158	Detection of human IL-1Î \pm and IL-1Î 2 at the subpicomolar level by colorimetric sandwich enzyme immunoassay. Journal of Immunological Methods, 1988, 114, 41-48.	0.6	41
159	A new assay for the measurement of the attachment of neutrophils and other cell types to endothelial cells. Journal of Immunological Methods, 1988, 109, 175-184.	0.6	79
160	Interleukin-1 and interleukin-2 production by peripheral blood mononuclear cells in multiple sclerosis patients. Journal of the Neurological Sciences, 1988, 85, 67-76.	0.3	27
161	Biology and Molecular Biology of Epidermal Cell-Derived Thymocyte Activating Factor. Annals of the New York Academy of Sciences, 1988, 548, 241-252.	1.8	6
162	Keratinocyte-Derived Interleukin 3. Annals of the New York Academy of Sciences, 1988, 548, 253-261.	1.8	32
163	Presence of Interleukin-1 Receptors on Keratinocytes. Annals of the New York Academy of Sciences, 1988, 548, 346-347.	1.8	5
164	Isolation and partial characterization of an interleukin-1-like factor from rat testis interstitial fluid. Journal of Reproductive Immunology, 1988, 14, 139-150.	0.8	50

#	Article	IF	Citations
165	Induction of tumoricidal macrophages and production of cytokines by synthetic muramyl dipeptide analogues. Vaccine, 1988, 6, 238-244.	1.7	40
166	Interleukin 1: more than a mediator between leukocytes. Trends in Pharmacological Sciences, 1988, 9, 171-177.	4.0	101
167	Regulation of Cytokine Gene Expression. Annual Review of Immunology, 1988, 6, 439-464.	9.5	233
168	New Concepts on the Pathogenesis of Fever. Clinical Infectious Diseases, 1988, 10, 168-189.	2.9	321
169	Human testis cytosol and ovarian follicular fluid contain high amounts of interleukin-1-like factor(s). Molecular and Cellular Endocrinology, 1988, 58, 221-230.	1.6	140
170	Chromosomal localization of the human interleukin 1α (IL-1α) gene. Genomics, 1988, 2, 310-314.	1.3	48
171	The Cortex Regulates the Immune System and the Activities of a T-Cell Specific Immunopotentiator. International Journal of Neuroscience, 1988, 39, 177-187.	0.8	18
172	Interleukin-one induced inositol phospholipid breakdown in murine macrophages: Possible mechanism of receptor activation. Biochemical and Biophysical Research Communications, 1988, 152, 392-397.	1.0	45
173	Interleukin-4 inhibits interluekin-1 synthesis by a posttranscriptional mechanism. Biochemical and Biophysical Research Communications, 1988, 157, 861-866.	1.0	14
174	Opposite effect of interferon- \hat{l}^3 on PGE2 release from interleukin-1-stimulated human monocytes or fibroblasts. Biochemical and Biophysical Research Communications, 1988, 157, 1197-1204.	1.0	16
175	Transforming growth factor \hat{l}^2 is a potent inhibitor of IL-1 induced protease activity and cartilage proteoglycan degradation. Biochemical and Biophysical Research Communications, 1988, 157, 1352-1359.	1.0	132
176	Production of B cell stimulatory factor-2/interleukin-6 activity by human endothelial cells. Biochemical and Biophysical Research Communications, 1988, 153, 1045-1050.	1.0	47
177	Synthesis of interleukin-1-like activity by normal rat chondrocytes in culture. Clinical Immunology and Immunopathology, 1988, 47, 39-46.	2.1	34
178	Immunomodulatory effect of synthetic peptides corresponding to sequences within the CH2 and CH3 domain of human IgG1. Molecular Immunology, 1988, 25, 1183-1188.	1.0	6
179	Structure and function of membrane IL-1. Molecular Immunology, 1988, 25, 1189-1199.	1.0	30
180	Cloning, sequence and expression of bovine interleukin $1\hat{l}^{\pm}$ and interleukin $1\hat{l}^2$ complementary DNAs. Molecular Immunology, 1988, 25, 429-437.	1.0	102
181	In situ detection of interleukin-1 mRNA in human monocytes. Molecular Immunology, 1988, 25, 439-445.	1.0	11
182	Immunological aspects of grafting in the mammalian central nervous system. A review and speculative synthesis. Brain Research Reviews, 1988, 13, 287-324.	9.1	342

#	Article	IF	CITATIONS
183	Production d'interleukine-1 par les monocytes sanguins et les macrophages pulmonaires stimules par les composants de D53 (RibomunylR). Médecine Et Maladies Infectieuses, 1988, 18, 355-359.	5.1	1
184	Interleukin 1 and rheumatoid arthritis. Medical Hypotheses, 1988, 27, 221-224.	0.8	7
185	Recombinant Interleukin \hat{l}_{\pm} and $\hat{A}\ddot{V}$ Prime Human Monocyte Superoxide Production but Have no Effect on Chemotaxis and Oxidative Burst Response of Neutrophils. Immunobiology, 1988, 177, 32-39.	0.8	35
186	Cytokines: Molecular and Biological Characteristics. Scandinavian Journal of Rheumatology, 1988, 17, 189-201.	0.6	17
187	Rheumatoid Lymphoid Dendritic Cells — Characteristics and Functions. Scandinavian Journal of Rheumatology, 1988, 17, 47-60.	0.6	5
188	Biochemical Host Response to Interferon- \hat{l}^2 . Journal of Interferon Research, 1988, 8, 765-777.	1.2	20
189	Mechanisms and implications of hypoalbuminemia in head-injured patients. Journal of Neurosurgery, 1988, 69, 386-392.	0.9	54
190	Modulation of Interleukin-1 Activity on Murine Thymocytes by Various Inhibitors of Arachidonic Acid Oxygenation. Immunopharmacology and Immunotoxicology, 1988, 10, 21-34.	1.1	4
191	Chapter 18. Immunomodulatory Approaches to the Treatment of Inflammation. Annual Reports in Medicinal Chemistry, 1988, 23, 171-180.	0.5	6
192	<i>Actinobacillus actinomycetemcomitans</i> and <i>Bacteroides gingivalis</i> Activate Human Peripheral Monocytes to Produce Interleukinâ€1 and Tumor Necrosis Factor. Journal of Periodontology, 1988, 59, 728-730.	1.7	25
193	MINIREVIEW: Cytokines: An Expanding Network of Immuno-Inflammatory Hormones. Molecular Endocrinology, 1988, 2, 1151-1156.	3.7	59
194	Production of Interleukin- $1 < i > \hat{l} \pm < / i >$ and a Parathyroid Hormone-Like Factor by a Squamous Cell Carcinoma of the Esophagus (EC-GI) Derived From a Patient With Hypercalcemia*. Journal of Clinical Endocrinology and Metabolism, 1988, 67, 592-601.	1.8	50
195	Interleukin-1 Inhibits Leydig Cell Steroidogenesis in Primary Culture*. Endocrinology, 1988, 123, 1605-1610.	1.4	211
196	Production of Interleukin-1 and Tumor Necrosis Factor by Human Peripheral Monocytes Activated by Periodontal Bacteria and Extracted Lipopolysaccharides. Journal of Dental Research, 1988, 67, 1131-1135.	2.5	140
197	Immunological Functions of the Gut–Role of the Mucosal Immune System. Toxicologic Pathology, 1988, 16, 154-164.	0.9	30
198	Cell surface analysis of purified protein derivative-induced cytotoxic cells in tuberculous pleurisy Japanese Journal of Medicine, 1988, 27, 150-154.	0.1	1
199	Homologous Human Macrophage Hybridomas That Produce a Novel Cytotoxic Factor in Their Culture Supernatants. Microbiology and Immunology, 1988, 32, 97-114.	0.7	2
200	Interleukin-1 and interleukin-2 in chronic type B hepatitis. Gastroenterology, 1988, 94, 1094-1096.	0.6	7

#	Article	IF	CITATIONS
201	Review: Interferons and Autoimmunity. American Journal of the Medical Sciences, 1988, 295, 532-544.	0.4	93
202	Demonstration and Measurement of Human Interleukin- $1\hat{l}$ (hIL- $1\hat{l}$) and Interleukin- $1\hat{l}^2$ (hIL- 10) invitroand invivoby Sensitive Enzyme Immunoassay. Analytical Letters, 1988, 21, 169-181.	1.0	6
203	Smoking and Interleukin-1 Activity Released from Human Alveolar Macrophages in Healthy Subjects. Chest, 1988, 94, 694-700.	0.4	37
204	Cyclic AMPan intracellular second messenger for interleukin 1 Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 8201-8205.	3.3	174
205	Production of interleukin-1 like factor by human tumor cell line established from squamous cell carcinoma of the buccal mucosa Nihon Koku Geka Gakkai Zasshi, 1988, 34, 7-14.	0.0	0
206	Biological and Molecular Properties of the Receptor for Interleukin 1 on Tumor Cells. , 1988, , 266-272.		0
207	Tumor necrosis factor is the major monocyte product that increases complement receptor expression on mature human neutrophils. Blood, 1988, 71, 151-158.	0.6	126
208	Effects of hematopoietin-1 and interleukin 1 activities on early hematopoietic cells of the bone marrow. Blood, 1988, 71, 962-968.	0.6	61
209	In vivo control of differentiation of myeloid leukemic cells by cyclosporine A and recombinant interleukin-1 alpha. Blood, 1988, 72, 1595-1601.	0.6	18
210	Signal Transduction in Lymphocyte Activation. , 1988, , 659-668.		0
211	PAF-Acether Induces an Enhanced Release of Interleukin-1 (IL-1) from Human Monocytes., 1988,, 625-628.		0
212	Crystal structure of the cytokine interleukin-1 beta EMBO Journal, 1988, 7, 339-343.	3.5	142
213	Inductive Effect of Human Recombinant IL-1 on Differentiation of a Macrophage-Like Tumor Cell Line. Advances in Dental Research, 1988, 2, 372-375.	3.6	2
214	Site-Specific Mutagenesis of the Human Interleukin- $1\hat{l}^2$ Gene: The Role of Arginine Residue at the N-Terminal Region. Journal of Biochemistry, 1988, 104, 837-840.	0.9	22
215	Why Should Internists Be Interested in Interleukin-1?. Annals of Internal Medicine, 1988, 109, 1.	2.0	34
216	Production of Interleukin 1 in Glomerular Cell Cultures from Patients with Rapidly Progressive Crescentic Glomerulonephritis. American Journal of Nephrology, 1988, 8, 463-470.	1.4	64
217	The response of peripheral blood mononuclear cells in hemodialysis patients to IFNGAMMA. using .BETA. 2-microglobulin production as an index Japanese Journal of Clinical Immunology, 1988, 11, 357-363.	0.0	0
218	Interleukin-1 beta rather than lymphotoxin as the major bone resorbing activity in human multiple myeloma. Blood, 1989, 73, 1646-1649.	0.6	119

#	ARTICLE	IF	CITATIONS
219	Production of interleukin-1 by bone marrow myeloma cells. Blood, 1989, 74, 380-387.	0.6	171
220	Molecular Cloning and Expression of Rat Interleukin-1α cDNA. Journal of Biochemistry, 1989, 105, 351-357.	0.9	127
221	Purification of Guinea Pig Tumor Necrosis Factor (TNF): Comparison of Its Antiproliferative and Differentiative Activities for Myeloid Leukemic Cell Lines with Those of Recombinant Human TNF1. Journal of Biochemistry, 1989, 105, 55-60.	0.9	11
222	Expression and secretion of gro/MGSA by stimulated human endothelial cells EMBO Journal, 1989, 8, 1761-1766.	3.5	129
223	Interleukin-l Secretion by Lipopolysaccharide-Stimulated Alveolar Macrophages. Respiration, 1989, 55, 158-168.	1.2	14
224	Acute-phase response to endogenous pyrogen in rabbit: effects of age and route of administration. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1989, 257, R189-R193.	0.9	6
225	Interleukin 1. Archives of Dermatology, 1989, 125, 679.	1.7	18
226	Pharmacology of the Skin I. Handbook of Experimental Pharmacology, 1989, , .	0.9	1
227	Growth factors as autocrine and paracrine modulators of male gonadal functions. Reproduction, 1989, 85, 771-793.	1.1	143
228	The Effects of Injury and Sepsis on Fuel Utilization. Annual Review of Nutrition, 1989, 9, 445-473.	4.3	87
229	Expression and Release of Interleukin-1 by Different Human Melanoma Cell Lines. Journal of the National Cancer Institute, 1989, 81, 36-42.	3.0	65
230	Induction of Interleukin 1 by Legionella pneumophila in Murine Peritoneal Macrophage Cultures. Experimental Biology and Medicine, $1989, 191, 304-308$.	1.1	15
231	Interleukin-1 mitogenic activity for fibroblasts and smooth muscle cells is due to PDGF-AA. Science, 1989, 243, 393-396.	6.0	660
232	Interleukin 1 and cyclic AMP induce kappa immunoglobulin light-chain expression via activation of an NF-kappa B-like DNA-binding protein Molecular and Cellular Biology, 1989, 9, 959-964.	1.1	202
233	Interleukin-2 Receptor/p55(Tac)-Inducing Activity in Porcine Follicular Fluids*. Endocrinology, 1989, 125, 618-623.	1.4	50
234	Interleukin 1 Regulation of Interleukin 2 and Interferonâ€∢i>γ⟨/i> Gene Activation in a Human Leukemic HSB.2 Subclone. Microbiology and Immunology, 1989, 33, 229-243.	0.7	5
235	Interleukin-1 costimulatory activity on the interleukin-2 promoter via AP-1. Science, 1989, 246, 249-251.	6.0	270
236	In the Rat, Interleukin- 1α Acts at the Level of the Brain and the Gonads to Interfere with Gonadotropin and Sex Steroid Secretion*. Endocrinology, 1989, 124, 2105-2109.	1.4	219

#	Article	IF	CITATIONS
237	Inhibitory Effects of Interleukin-1 on Luteinizing Hormone-Stimulated Adenosine 3′,5′-Monophosphate Accumulation by Cultured Porcine Granulosa Cells*. Endocrinology, 1989, 125, 136-143.	1.4	46
238	$1 < i > \hat{1} \pm < i>, 25$ -Dihydroxyvitamin D $< sub>3 < sub>Receptor Distribution and Effects in Subpopulations of Normal Human T Lymphocytes*. Journal of Clinical Endocrinology and Metabolism, 1989, 68, 774-779.$	1.8	85
239	Interleukin-1 Stimulates Growth and Inhibits Progesterone Secretion in Cultures of Porcine Granulosa Cells*. Endocrinology, 1989, 124, 884-890.	1.4	110
240	Hepatic acute phase reaction in vivo and in vitro. In Vitro Cellular & Developmental Biology, 1989, 25, 115-126.	1.0	127
241	HLA, immune response and disease. Indian Journal of Pediatrics, 1989, 56, 171-179.	0.3	2
242	Isolation and characterization of biologically active murine interleukin- $1\hat{l}_{\pm}$ derived from expression of a synthetic gene in Escherichia coli. BBA - Proteins and Proteomics, 1989, 998, 32-42.	2.1	26
243	Characterization of interleukin-1 activity in tunicates. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1989, 92, 93-98.	0.2	47
244	Indirect induction of differentiation of normal and leukemic myeloid cells by recombinant interleukin 1. Leukemia Research, 1989, 13, 13-21.	0.4	25
245	Synergistic induction of interleukin 2 receptor (TAC) expression on YT cells by interleukin 1 or tumor necrosis factor \hat{l}_{\pm} in combination with cAMP inducing agents. Cellular Signalling, 1989, 1, 367-375.	1.7	15
246	Myeloid haemopoietic growth factors. Biochimica Et Biophysica Acta: Reviews on Cancer, 1989, 989, 111-132.	3.3	49
247	Soluble factors and cell-surface molecules involved in human B lymphocyte activation, growth and differentiation. Biochimica Et Biophysica Acta: Reviews on Cancer, 1989, 989, 133-151.	3.3	5
248	Oncogenes, growth factors and hematopoietic cell transformation. Biochimica Et Biophysica Acta: Reviews on Cancer, 1989, 989, 179-208.	3.3	15
249	Constitutive and PMA-induced interleukin-1 production by the human astrocytoma cell line T24. Cellular Immunology, 1989, 118, 298-311.	1.4	25
250	Role of interleukin-1 in hematopoiesis. Immunologic Research, 1989, 8, 165-175.	1.3	35
251	Antigen presenting cells. Immunologic Research, 1989, 8, 98-117.	1.3	34
252	Human interleukin- \hat{l}_{\pm} is chemotactic for normal human keratinocytes. Immunology Letters, 1989, 22, 123-127.	1.1	24
253	New trends in photobiology. Journal of Photochemistry and Photobiology B: Biology, 1989, 4, 1-13.	1.7	162
254	Relationship between interleukin 1 (IL1), tumor necrosis factor (TNF) and a neutrophil attracting peptide (NAP-1). Agents and Actions, 1989, 26, 134-140.	0.7	42

#	Article	IF	CITATIONS
255	Modulation of phenotypic and functional properties of human peripheral blood monocytes by interleukin-4 (IL-4). Agents and Actions, 1989, 26, 199-200.	0.7	3
256	Stimulation of hematopoiesis and antibacterial resistance by interleukin-1. Biotherapy (Dordrecht,) Tj ETQq1 1 ().784314 r 0.7	gBŢ/Overloc
257	The therapeutic potential of interleukin- \hat{l}^2 in the treatment of chemotherapy or radiation-induced myelosuppression and in tumor therapy. Biotherapy (Dordrecht, Netherlands), 1989, 1, 339-354.	0.7	19
258	Modulation of IL-1-induced collagenase production in articular chondrocytes by pertussis toxin. Agents and Actions, 1989, 27, 242-244.	0.7	0
259	Inhibition of collagen synthesis by interleukin-1 in three-dimensional collagen lattice cultures of fibroblasts. Experientia, 1989, 45, 98-101.	1.2	22
260	6 Growth factors in haemopoiesis. Best Practice and Research: Clinical Haematology, 1989, 2, 83-111.	1.1	6
261	Interleukin 1 as an Inflammatory Hormone. Pathology International, 1989, 39, 85-100.	0.6	3
262	Preparation, characterization and application of interleukin-1 beta mutant proteins with surface-accessible cysteine residues. FEBS Journal, 1989, 179, 565-571.	0.2	24
263	Interleukin 1 and tumor necrosis factor- $\hat{l}\pm$ additively increase the levels of granulocyte-macrophage and granulocyte colony-stimulating factor (CSF) mRNA in human fibroblasts. European Journal of Immunology, 1989, 19, 209-212.	1.6	46
264	Differential regulation of lipopolysaccharide-induced interleukin 1 and tumor necrosis factor synthesis: effects of endogenous and exogenous glucocorticoids and the role of the pituitary-adrenal axis. European Journal of Immunology, 1989, 19, 301-305.	1.6	328
265	Interleukin- $1\hat{l}^2$ induces tumor necrosis and early morphologic and metabolic changes in transplantable mouse tumors. Similarities with the anti-tumor effects of tumor necrosis factor \hat{l}_\pm or \hat{l}^2 . International Journal of Cancer, 1989, 44, 116-123.	2.3	40
266	IL-1 and IL-6 release by tumor-associated macrophages from human ovarian carcinoma. International Journal of Cancer, 1989, 44, 795-801.	2.3	91
267	Anti-tumor effects of interleukin-2 and interleukin-1 in mice transplanted with different syngeneic tumors. International Journal of Cancer, 1989, 44, 1108-1116.	2.3	37
268	In vitro stimulation of fibroblast activity by factors generated from human monocytes activated by biomedical polymers. Journal of Biomedical Materials Research Part B, 1989, 23, 911-930.	3.0	71
269	Generation of IL1-like activity in response to biomedical polymer implants: A comparison ofin vitro andin vivo models. Journal of Biomedical Materials Research Part B, 1989, 23, 1007-1026.	3.0	77
270	Transforming growth factor-? does not alter interleukin-1 expression in cultured human macrophages. Journal of Cellular Biochemistry, 1989, 39, 467-475.	1.2	6
271	Tissue distribution of murine hemopoietic growth factor mRNA production. Journal of Cellular Physiology, 1989, 138, 38-44.	2.0	36
272	Induction of interleukin-1 receptors on chondrocytes by fibroblast growth factor: A possible mechanism for modulation of interleukin-1 activity. Journal of Cellular Physiology, 1989, 138, 236-246.	2.0	70

#	Article	IF	CITATIONS
273	Effects of interleukin-1 on fibroblast extracellular matrix, using a 3-dimensional culture system. Journal of Cellular Physiology, 1989, 139, 501-508.	2.0	22
274	Regulation of levels of IL-1 mRNA in human fibroblasts. Journal of Cellular Physiology, 1989, 139, 610-616.	2.0	50
275	Interleukin-1 alpha gene intron containing variable repeat region coding for the SP1 transcription factor recognition sequence is polymorphic. Molecular Carcinogenesis, 1989, 2, 68-71.	1.3	14
276	Interleukin-1 Beta Gene Deregulation Associated With Chromosomal Rearrangement: A Candidate Initiating Event for Murine Radiation-Myeloid Leukemogenesis?. Molecular Carcinogenesis, 1989, 2, 226-232.	1.3	20
277	Invertebrate cytokines: The phylogenetic emergence of interleukin-1. BioEssays, 1989, 11, 62-67.	1.2	44
278	Some recombinant human cytokines stimulate glycosaminoglycan synthesis in human synovial fibroblast cultures and inhibit it in human articular cartilage cultures. Arthritis and Rheumatism, 1989, 32, 173-180.	6.7	66
279	Interleukin-1 induces interleukin- $1\hat{l}\pm$ and interleukin- $1\hat{l}^2$ gene expression in synovial fibroblasts and peripheral blood monocytes. Arthritis and Rheumatism, 1989, 32, 279-287.	6.7	40
280	Interleukin-1–inhibitory IgG in sera from some patients with rheumatoid arthritis. Arthritis and Rheumatism, 1989, 32, 1528-1538.	6.7	36
281	Cytokines as communication signals between leukocytes and endothelial cells. Trends in Immunology, 1989, 10, 370-375.	7.5	522
282	Native interleukin 1 inhibitors. Trends in Immunology, 1989, 10, 61-66.	7.5	171
283	Modulation of immune responses in mice by oral administration of niflumic acid. International Journal of Immunopharmacology, 1989, 11, 173-183.	1.1	9
284	Stimulation of cytotoxic and non-cytotoxic functions of natural killer cells by bacterial membrane proteoglycans and ribosomes. International Journal of Immunopharmacology, 1989, 11, 29-34.	1.1	16
285	Oxidative injury amplifies interleukin-1-like activity produced by human monocytes. International Journal of Immunopharmacology, 1989, 11, 961-969.	1.1	21
286	Characterization of biomedical polymer-adherent macrophages: interleukin 1 generation and scanning electron microscopy studies. Biomaterials, 1989, 10, 187-196.	5.7	49
287	Muramylpeptides and lipopeptides: Studies towards immunostimulants. Tetrahedron, 1989, 45, 6331-6360.	1.0	99
288	The biological activities of interleukin-1. Blut, 1989, 59, 147-156.	1.2	43
289	Polypeptides controlling hematopoietic cell development and activation. Blut, 1989, 58, 117-128.	1.2	41
290	Hematopoietic growth factor receptors. Cytotechnology, 1989, 2, 269-286.	0.7	5

#	Article	IF	Citations
291	Alterations of in vitro interleukin 1 and 2 in diabetic children. European Journal of Pediatrics, 1989, 148, 732-734.	1.3	15
292	Overview of biological response modifiers. Journal of Surgical Oncology, 1989, 5, 379-384.	1.4	24
293	LPS-elicited secretory responses in monocytes: Altered release of PGE2 but not IL-1/beta in patients with adult periodontitis. Journal of Periodontal Research, 1989, 24, 88-95.	1.4	94
294	The immunology of Contact dermatitis. Contact Dermatitis, 1989, 20, 81-92.	0.8	32
295	Antitumor Effect of Interleukin- $\hat{l^2}$ in the Double Grafted Tumor System. Japanese Journal of Cancer Research, 1989, 80, 570-576.	1.7	19
296	Immunosuppression by a Novel Analgesic-Opioid Agonist. Scandinavian Journal of Immunology, 1989, 29, 449-458.	1.3	14
297	The Effect of Gamma Interferon on Interleukin 1 Release of Human Monocytes Scandinavian Journal of Immunology, 1989, 29, 689-698.	1.3	15
298	Comparison of Interleukin 1 Release and Interleukin 1 mRNA Expression of Human Monocytes Activated by Bacterial Lipopolysaccharide or Synthetic Lipid A. Scandinavian Journal of Immunology, 1989, 30, 259-263.	1.3	10
299	Systemic interleukin 1 administration suppresses arachidonic acid-induced ear oedema in the mouse. British Journal of Dermatology, 1989, 121, 701-707.	1.4	4
300	Altered distribution of type I collagen mRNA in periodontal disease. Journal of Periodontal Research, 1989, 24, 171-177.	1.4	18
301	T-Cell Clones With L3T4-Positive or Lyt-2-Positive Phenotypes Responding to Mutant MHC Class II Antigen and Inducing Graft Versus Host Reaction. Journal of Investigative Dermatology, 1989, 93, 691-694.	0.3	6
303	PREVALENCE OF AND MORTALITY FROM HUMAN IMMUNODEFICIENCY VIRUS TYPE 2 IN BISSAU, WEST AFRICA. Lancet, The, 1989, 333, 827-831.	6.3	131
304	Immunological activities of RU-41740, a glycoprotein extract from Klebsiella pneumoniae. Research in Immunology, 1989, 140, 159-172.	0.9	8
305	Proteolysis of the Native Murine IL $1\hat{l}^2$ Precursor is Required to Generate IL $1\hat{l}^2$ Bioactivity. Immunobiology, 1989, 178, 436-448.	0.8	13
306	HAEMOPOIETIC GROWTH FACTORS 1. Lancet, The, 1989, 333, 825-827.	6.3	90
308	Chromosomal localization of murine interleukin-1 \hat{l}_{\pm} and \hat{l}^{2} genes. Genomics, 1989, 5, 481-485.	1.3	29
309	Interleukin-1 in adrenal chromaffin cells. Neuroscience, 1989, 30, 805-810.	1.1	93
310	Effects of interleukins 1, 2 and 3 on follicle-stimulating hormone-induced differentiation of rat granulosa cells. Molecular and Cellular Endocrinology, 1989, 62, 103-111.	1.6	89

#	Article	IF	CITATIONS
311	The Role of Interleukin-1 in the Immunological Response. Transfusion Medicine Reviews, 1989, 3, 194-205.	0.9	7
312	Calmodulin regulates the interleukin 1-induced procollagenase production in human uterine cervical fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1011, 61-66.	1.9	20
313	Biological and immunological characteristics of Trichinella pseudospiralis. Parasitology Today, 1989, 5, 344-349.	3.1	29
314	Cytokines in cancer therapy. Urology, 1989, 34, 69-74.	0.5	10
315	Production and purification of bovine monocyte-derived interleukin 1. Veterinary Immunology and Immunopathology, 1989, 23, 201-211.	0.5	22
316	Species preference of bovine thymocytes and fibroblasts for bovine interleukin 1. Veterinary Immunology and Immunopathology, 1989, 23, 213-222.	0.5	18
317	Thymic microenvironment in myasthenia gravis. Journal of Neuroimmunology, 1989, 24, 1-8.	1.1	5
318	Protective activity of recombinant cytokines against Sendai virus and herpes simplex virus (HSV) infections in mice. Vaccine, 1989, 7, 229-233.	1.7	21
319	A rapid and quantitative method for the determination of interleukin- \hat{l} and \hat{l} mRNA expression in human monocytes and macrophages. Journal of Immunological Methods, 1989, 118, 265-272.	0.6	12
320	One-step immunoaffinity purification of bioactive human recombinant IL- $1\hat{l}^2$ with a monoclonal antibody directed to a well-exposed domain of the protein. Journal of Immunological Methods, 1989, 123, 1-8.	0.6	12
321	Partial purification and characterization of a factor produced by mitogen-stimulated sheep mononuclear cells with thymocyte-activating and cartilage-degrading properties. Journal of Immunological Methods, 1989, 117, 231-241.	0.6	2
322	Production of monoclonal antibodies against interleukin- $1\hat{l}_{\pm}$ and $-1\hat{l}_{-}^2$. Journal of Immunological Methods, 1989, 123, 193-210.	0.6	145
323	The detection by immunofluorescence of distinct cell populations producing interleukin- $1\hat{l}^{\pm}$ and interleukin- $1\hat{l}^{2}$ in activated human peripheral blood. Journal of Immunological Methods, 1989, 120, 277-283.	0.6	16
324	Demonstration of IL-1 \hat{l} ± and IL-1 \hat{l} 2 secretion by the monocytic leukemia cell line, THP-1. Journal of Immunological Methods, 1989, 122, 211-218.	0.6	9
325	Overcoming the overlap problem in the assignment of proton NMR spectra of larger proteins by use of three-dimensional heteronuclear proton-nitrogen-15 Hartmann-Hahn-multiple quantum coherence and nuclear Overhauser-multiple quantum coherence spectroscopy: application to interleukin 1.beta Biochemistry, 1989, 28, 6150-6156.	1.2	970
326	Toxicity of <i>Microcystis aeruginosa</i> Kâ€139 Strain. Microbiology and Immunology, 1989, 33, 787-792.	0.7	20
327	Modulation of porcine granulosa cell functions by interleukin-1. Steroids, 1989, 54, 543-552.	0.8	10
328	The beta form is the dominant interleukin released by murine peritoneal macrophages. Biochemical and Biophysical Research Communications, 1989, 160, 404-408.	1.0	23

#	Article	IF	Citations
329	Characterization of the tryptophan environments of interleukins $1\hat{l}_{\pm}$ and $1\hat{l}_{2}$ by fluorescence quenching and lifetime measurements. Archives of Biochemistry and Biophysics, 1989, 275, 82-91.	1.4	7
330	Human recombinant interleukin- 1α increases biosynthesis of collagenase and hyaluronic acid in cultured human chorionic cells. FEBS Letters, 1989, 244, 315-318.	1.3	40
331	Activation of interleukin- $1\hat{l}^2$ by a co-induced protease. FEBS Letters, 1989, 247, 386-390.	1.3	234
332	Multiple charge isomers of human recombinant interleukin-1β. FEBS Letters, 1989, 258, 137-142.	1.3	1
333	Identification of a specific receptor for interleukin-1 on rat bone marrow cells. FEBS Letters, 1989, 257, 27-30.	1.3	8
334	Induction of histidine and ornithine decarboxylase activities in mouse tissues by recombinant interleukin-1 and tumor necrosis factor. Biochemical Pharmacology, 1989, 38, 1287-1292.	2.0	86
335	Recombinant interleukin- $\hat{1}^2$ stimulates eicosanoid production in rat primary culture astrocytes. Brain Research, 1989, 489, 113-119.	1.1	75
336	Induction of Interleukin 1alpha (IL-1alpha) and IL-1beta mRNA Expression and Cellular IL-1 Production by Anti-HLA-DR Antibodies in Human Monocytes. Scandinavian Journal of Immunology, 1989, 29, 609-615.	1.3	17
337	Functional and Molecular Characterization of a Monoclonal Antibody against the 165-186 Peptide of Human 1beta. Scandinavian Journal of Immunology, 1989, 30, 549-562.	1.3	18
338	Production of interleukin 1-like factor from human peripheral blood monocytes and polymorphonuclear leukocytes by superoxide anion: The role of interleukin 1 and reactive oxygen species in inflamed sites. Clinical Immunology and Immunopathology, 1989, 53, 439-448.	2.1	50
339	Interleukin 1-like activity in cystic lesions of the jaw. British Journal of Oral and Maxillofacial Surgery, 1989, 27, 1-11.	0.4	39
340	Heterologous protein export in Escherichia coli: influence of bacterial signal peptides on the export of human interleukin $\hat{1}^2$. Gene, 1989, 85, 499-510.	1.0	35
341	Immune reactions and host nutritional status: The role of interleukin-1. Nutrition Research, 1989, 9, 237-250.	1.3	5
342	Cloning of rabbit interleukin- $1\hat{l}^2$: differential evolution of IL- $1\hat{l}^2$ and IL- $1\hat{l}^2$ proteins. Protein Engineering, Design and Selection, 1989, 2, 545-551.	1.0	28
343	Regulation of interleukin 1 and its receptor in human keratinocytes Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 1273-1277.	3.3	120
344	T-cell interleukin 1 receptor cDNA expressed in Chinese hamster ovary cells regulates functional responses to interleukin 1 Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 3045-3049.	3.3	105
345	Potential antiinflammatory effects of interleukin 4: suppression of human monocyte tumor necrosis factor alpha, interleukin 1, and prostaglandin E2 Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 3803-3807.	3.3	697
346	Interleukin 1 as an autocrine growth factor for acute myeloid leukemia cells Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 2369-2373.	3.3	133

#	Article	IF	CITATIONS
347	Interleukin 1 potentiates the secretion of beta-endorphin induced by secretagogues in a mouse pituitary cell line (AtT-20) Proceedings of the National Academy of Sciences of the United States of America, 1989 , 86 , $2070-2073$.	3.3	56
348	Antidiabetic effects of interleukin 1 Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 5943-5947.	3.3	70
349	Cloning the interleukin 1 receptor from human T cells Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 8946-8950.	3.3	261
350	Crystallographic refinement of interleukin 1 beta at 2.0 A resolution Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 9667-9671.	3.3	171
351	Ovarian steroid treatment blocks a postmenopausal increase in blood monocyte interleukin 1 release Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 2398-2402.	3.3	348
352	The testis: an 'immunologically suppressed' tissue?. Reproduction, Fertility and Development, 1989, 1, 75.	0.1	19
353	Cytokine-related immunomodulating activities of an anti-tumor glucan, sizofiran(SPG) Journal of Pharmacobio-dynamics, 1989, 12, 616-625.	0.5	33
354	Biologic and Immunohistochemical Analysis of Macrophage Interleukin- $1\hat{l}\pm$, $-1\hat{l}^2$, and Tumor Necrosis Factor Production During the Peritoneal Exudative Response. Journal of Leukocyte Biology, 1989, 46, 529-537.	1.5	19
355	Effect of Interleukin 1 on the Induction and Maintenance of B Cell Tolerance In Vitro. Journal of Leukocyte Biology, 1989, 45, 329-335.	1.5	2
356	The Tachykinins Neurokinin A and Physalaemin Stimulate Murine Thymocyte Proliferation. International Archives of Allergy and Immunology, 1989, 90, 91-96.	0.9	22
357	Production of Interleukin-1-Alpha and -Beta by Human Peripheral Polymorphonuclear Neutrophils. International Archives of Allergy and Immunology, 1989, 88, 297-303.	0.9	15
358	Ability of Alpha (but Not Beta) Form Interleukin-1 to Support DNA Synthesis in Human Tonsillar B Cells. International Archives of Allergy and Immunology, 1989, 88, 357-359.	0.9	0
359	Induction of Interleukin-1-Beta Release from Human Monocytes by Cotton Bract Tannin. International Archives of Allergy and Immunology, 1990, 91, 394-397.	0.9	5
360	Gelatinase Secretion by Glomerular Epithelial Cells. Nephron, 1990, 56, 405-409.	0.9	34
361	Human platelets contain brain-derived neurotrophic factor. Journal of Neuroscience, 1990, 10, 3469-3478.	1.7	255
362	Cytokines Enhance the Production of a Chemotactic Factor for Polymorphonuclear Leukocytes by Rat Renal Glomerular Epithelioid Cells. Nephron, 1990, 54, 169-175.	0.9	24
363	Antigen Presentation by the CD4 Positive Monocyte Subset. Journal of Leukocyte Biology, 1990, 47, 111-120.	1.5	28
364	EDITORIAL: Immunoâ€Endocrinology of Cyclic Ovarian Function. American Journal of Reproductive Immunology, 1990, 24, 80-89.	1.2	46

#	Article	IF	Citations
365	The Effect of Carotenoids on the Antitumor Immune Response <i>In Vivo</i> and <i>In Vitro</i> with Hamster and Mouse Immune Effectors. Annals of the New York Academy of Sciences, 1990, 587, 92-109.	1.8	29
366	Human Gingival Langerhans Cells Stimulate Allogeneic Lymphocytes: Requirement for MHC Class II Antigens. Journal of Periodontology, 1990, 61, 328-333.	1.7	17
367	Transcriptional activation of the human cytotoxic serine protease gene CSP-B in T lymphocytes Molecular and Cellular Biology, 1990, 10, 5655-5662.	1.1	37
368	A role for protein kinase C activity in interleukin-1 (IL-1) induction of IL-2 gene expression but not in IL-1 signal transduction Molecular and Cellular Biology, 1990, 10, 2731-2737.	1.1	27
369	Cytokines of the Lung. The American Review of Respiratory Disease, 1990, 142, 1234-1234.	2.9	201
370	Changes in Interleukin 1 Levels in Human Amniotic Fluid with Gestational Ages and Delivery. Microbiology and Immunology, 1990, 34, 377-385.	0.7	40
371	Pretreatment of Human Vascular Smooth Muscle Cells with Interleukin-1 Enhances Interleukin-6 Production and Cell Proliferation (Action of IL-1 on Vascular Smooth Muscle Cells). Autoimmunity, 1990, 7, 41-50.	1.2	13
372	Central action of recombinant interleukin-1 to inhibit acid secretion in rats. Gastroenterology, 1990, 99, 1599-1606.	0.6	89
373	Decreased levels of IL-1.ALPHA. and .BETA. in psoriatic lesional skin Tohoku Journal of Experimental Medicine, 1990, 161, 159-169.	0.5	14
374	Elevations of Cytokines Interleukin-1, Interleukin-2 and Tumor Necrosis Factor in the Urine of Patients after Intravesical Bacillus Calmette-Guerin Immunotherapy. Journal of Urology, 1990, 144, 59-64.	0.2	190
375	4 Analysis of Protein Function by Mutagenesis. The Enzymes, 1990, 19, 159-211.	0.7	8
376	Chapter 20 Pharmacological Modulation of Interleukin-1. Annual Reports in Medicinal Chemistry, 1990, 25, 185-193.	0.5	9
377	Immunohistochemical identification of interleukin $1\hat{l}_{\pm}$ and \hat{l}_{\pm} in human eccrine sweat-gland apparatus. British Journal of Dermatology, 1990, 122, 315-323.	1.4	42
378	Antitumor Activity of Recombinant Human Interleukin-1 against Heterotransplanted Human Non-Hodgkin Lymphomas in Nude Mice. Japanese Journal of Cancer Research, 1990, 81, 1175-1183.	1.7	5
379	Experimental Studies of Immunologically Mediated Enteropathy Scandinavian Journal of Immunology, 1990, 32, 461-469.	1.3	4
380	Macrophages and interdigitating reticulum cells in normal human thymus and thymomas: immunoreactivity for interleukin-1 alpha, interleukin-1 beta and tumour necrosis factor alpha. Histopathology, 1990, 17, 291-299.	1.6	9
381	The role of histopathology in the diagnosis and prognosis of periodontal diseases. Journal of Clinical Periodontology, 1990, 17, 673-684.	2.3	26
382	Membrane and Cytosolic Interleukin-1 Alpha and Beta in Normal Human Epidermal Cells: Variability of Epitope Exposure in Immunohistochemistry. Journal of Investigative Dermatology, 1990, 95, 31-38.	0.3	32

#	ARTICLE	IF	CITATIONS
383	Evidence for an Epidermal Cytokine Network. Journal of Investigative Dermatology, 1990, 95, S100-S104.	0.3	258
384	Biology of the Interleukin-1 Receptor. Journal of Investigative Dermatology, 1990, 94, s68-s73.	0.3	47
385	Cytokine Modulation of Keratinocyte Cytokines. Journal of Investigative Dermatology, 1990, 94, s101-s107.	0.3	306
386	The Activated Keratinocyte: A Model for Inducible Cytokine Production by Non-Bone-Marrow-Derived Cells in Cutaneous Inflammatory and Immune Responses. Journal of Investigative Dermatology, 1990, 94, s146-s150.	0.3	203
387	Influence of uremia and hemodialysis on circulating interleukin-1 and tumor necrosis factor \hat{l}_{\pm} . Kidney International, 1990, 37, 116-125.	2.6	310
388	Human Peripheral Blood-Derived Dendritic Cells do not Produce Interleukin 1alpha, Interleukin 1beta, or Interleukin 6. Scandinavian Journal of Immunology, 1990, 31, 345-352.	1.3	22
389	Interleukin 1 in the in Vitro Antigen-Induced Antibody Response in the Human Adult and Newborn. Scandinavian Journal of Immunology, 1990, 32, 451-460.	1.3	2
390	Interleukin-1 receptor antagonist activity of a human interleukin-1 inhibitor. Nature, 1990, 343, 336-340.	13.7	1,129
391	Primary structure and functional expression from complementary DNA of a human interleukin-1 receptor antagonist. Nature, 1990, 343, 341-346.	13.7	1,088
392	Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein. Nature, 1990, 344, 633-638.	13.7	621
393	Effects of modulators of adenylyl cyclase on interleukin-2 production, cytosolic Ca2+ elevation, and K+ channel activity in Jurkat T cells. Cellular Immunology, 1990, 128, 385-399.	1.4	27
394	Interleukin-6 production by murine macrophage cell lines P388D1 and J774A.1: Stimulation requirements and kinetics. Cellular Immunology, 1990, 128, 555-568.	1.4	50
395	Synergistic induction of interleukin 2 receptor (TAC) expression on YT cells by simultaneous activation of distinct signal transduction pathways. Cellular Immunology, 1990, 125, 284-290.	1.4	5
396	Interleukin-1α and tumor necrosis factor-α protect cells against natural killer cell-mediated cytotoxicity and natural killer cytotoxic factor. Cellular Immunology, 1990, 125, 326-336.	1.4	17
397	A novel role for accessory cells in T cell-dependent B cell differentiation. Cellular Immunology, 1990, 127, 458-469.	1.4	5
398	Pro-interleukin- $1\hat{l}^2$ production by a subpopulation of human T cells, but not NK cells, in response to interleukin-2. Cellular Immunology, 1990, 130, 118-128.	1.4	21
399	Stimulation of human interleukin 1 production and specific mRNA expression by microtubule-disrupting drugs. Cellular Immunology, 1990, 131, 391-397.	1.4	31
400	Identification and localization of bound internal water in the solution structure of interleukin 1.beta. by heteronuclear three-dimensional proton rotating-fram Overhauser nitrogen-15-proton multiple quantum coherence NMR spectroscopy. Biochemistry, 1990, 29, 5671-5676.	1.2	153

#	Article	IF	CITATIONS
401	TheIL-1? and ? genes are closely linked (<70 kb) on mouse chromosome 2. Somatic Cell and Molecular Genetics, 1990, 16, 549-556.	0.7	23
402	Lymphokine signal transduction. Cellular Signalling, 1990, 2, 415-425.	1.7	6
403	Ultrastructural localization of Interleukin 1 in human peripheral blood monocytes; evidence for IL- $\hat{1}^2$ in mitochondria. The Histochemical Journal, 1990, 22, 234-244.	0.6	14
404	Is interleukin- $1\hat{l}_{\pm}$ a direct activator of neutrophil migration and phagocytosis in the dog?. Agents and Actions, 1990, 29, 35-36.	0.7	6
405	Inhibition of interleukin-1 release by IX 207-887. Agents and Actions, 1990, 30, 350-362.	0.7	17
406	Differential regulation of soluble interleukin 1 release and membrane expression by pharmacologic agents. Agents and Actions, 1990, 30, 381-392.	0.7	4
407	Ultrastructural organization of the medial preoptic region of the hypothalamus and its alterations under the influence of pyrogens. Neuroscience and Behavioral Physiology, 1990, 20, 103-109.	0.2	0
408	Aspects nutritionnels des cytokines leucocytaires. Nutrition Clinique Et Metabolisme, 1990, 4, 7-29.	0.2	14
409	Monokines et malnutrition protéino-énergétique. Nutrition Clinique Et Metabolisme, 1990, 4, 31-37.	0.2	2
410	Absence of correlations between indices of systemic inflammation and synovial fluid interleukin 1 (alpha and beta) in rheumatic diseases. Rheumatology International, 1990, 9, 259-264.	1.5	28
411	Murine macrophage precursor characterization. II. Monoclonal antibodies against macrophage precursor antigens. European Journal of Immunology, 1990, 20, 27-34.	1.6	128
412	Differential activity of interleukin $1\hat{l}\pm$ and interleukin $1\hat{l}^2$ in the stimulation of the immune response in vivo. European Journal of Immunology, 1990, 20, 317-321.	1.6	57
413	Regulation of interleukin 1 generation in immune-activated fibroblasts. European Journal of Immunology, 1990, 20, 731-738.	1.6	33
414	Interleukin 1-induced lymphocyte binding to endothelial cells. Role of cAMP as a second messenger. European Journal of Immunology, 1990, 20, 1563-1567.	1.6	16
415	Differential expression of interleukin 1α by Thy-1+ and Thy-1â^' lung fibroblast subpopulations: Enhancement of interleukin 1α production by tumor necrosis factor-α. European Journal of Immunology, 1990, 20, 1723-1727.	1.6	56
416	A monoclonal antibody directed against the human intercellular adhesion molecule (ICAM-1) modulates the release of tumor necrosis factor- \hat{l} ±, interferon- \hat{l} 3 and interleukin 1. European Journal of Immunology, 1990, 20, 2591-2596.	1.6	42
417	Mitogenic effect of interleukin-2 on unstimulated human T cells: An editorial review. Journal of Clinical Laboratory Analysis, 1990, 4, 138-149.	0.9	12
418	Expression of major histocompatibility complex class II antigens and interleukin-1 by epithelial cells of Warthin's tumor. Cancer, 1990, 66, 2111-2117.	2.0	27

#	ARTICLE	IF	CITATIONS
419	Interleukin 1: the first interleukin. Trends in Immunology, 1990, 11, 13-20.	7. 5	331
420	Effects of quinolones on tumor necrosis factor production by human monocytes. International Journal of Immunopharmacology, 1990, 12, 31-36.	1.1	72
421	Production of interleukin 1 from human monocytes stimulated by synthetic lipid A subunit analogues. International Journal of Immunopharmacology, 1990, 12, 297-305.	1.1	10
422	Elevation of cyclic adenosine monophosphate levels independently down regulates IL-1, IL-2, and IL-2 receptor (CD25) syntheses. International Journal of Immunopharmacology, 1990, 12, 631-637.	1.1	12
423	Inhibition of interleukin 1 (IL-1)-elicited leukocytosis and LPS-induced fever by soluble immune response suppresor (SIRS). Immunopharmacology, 1990, 19, 39-46.	2.0	10
424	Opioids modulate interleukin-1 production and secretion by bone-marrow macrophages. Immunology Letters, 1990, 24, 141-148.	1.1	70
425	Involvement of interleukin-1-like factor(s) in type II collagen-induced arthritis in mice. Immunology Letters, 1990, 26, 171-175.	1.1	2
426	Activation of murine macrophages by tumor necrosis factor, interleukin-1, interferon- \hat{l}^3 and cisplatin. Immunology Letters, 1990, 26, 45-50.	1.1	11
427	Interleukin 1 receptors on rabbit articular chondrocytes: relationship between biological activity and receptor binding kinetics. FASEB Journal, 1990, 4, 1481-1487.	0.2	27
428	Calcium-Dependent Binding of Phosphorylated Human Pre Interleukin $1\hat{l}_{\pm}$ to Phospholipids 1. Journal of Biochemistry, 1990, 107, 666-670.	0.9	19
429	Ex vivo lipopolysaccharideâ€induced interleukiriâ€1 secretion from murine peritoneal macrophages inhibited by probucol, a hypocholesterolemic agent with antioxidant properties. FASEB Journal, 1990, 4, 1645-1653.	0.2	74
430	A novel secretory pathway for interleukin-1 beta, a protein lacking a signal sequence EMBO Journal, 1990, 9, 1503-1510.	3.5	696
431	Cytokines in disease. Clinical Chemistry, 1990, 36, 1269-1281.	1.5	174
432	Human B cells express two types of interleukin-1 receptors. Blood, 1990, 75, 2017-2023.	0.6	32
433	Mesenchymal Cell Growth Factors. Critical Reviews in Oral Biology and Medicine, 1990, 1, 17-36.	4.4	38
434	Cytokines of the Lung. The American Review of Respiratory Disease, 1990, 141, 765-788.	2.9	650
435	Interleukin-1 (IL-1) Regulation of Human Endometrial Function: Presence of IL-1 Receptor Correlates with IL-1-Stimulated Prostaglandin E ₂ Production*. Journal of Clinical Endocrinology and Metabolism, 1990, 70, 1000-1006.	1.8	91
436	Role of interleukin 1 in inflammatory bowel disease-enhanced production during active disease Gut, 1990, 31, 686-689.	6.1	375

#	Article	IF	CITATIONS
437	The Effect of Human Cytomegalovirus on the Production and Biologic Action of Interleukin-I. Journal of Infectious Diseases, 1990, 162, 381-388.	1.9	25
438	Identification of Interleukin-1 Receptors in Mouse Testis. Endocrinology, 1990, 127, 251-258.	1.4	70
439	Intragonadal regulation of immune system functions. Reproduction, Fertility and Development, 1990, 2, 263.	0.1	22
440	Regulation of alloreactivity in vivo by a soluble form of the interleukin-1 receptor. Science, 1990, 248, 739-742.	6.0	245
441	Induction of \hat{l}^2 -Endorphin Secretion by Lymphocytes after Subcutaneous Administration of Corticotropin-Releasing Factor. Endocrinology, 1990, 126, 759-764.	1.4	75
442	Increased Monocyte Interleukin-1 Activity and Decreased Vertebral Bone Density in Patients with Fasting Idiopathic Hypercalciuria. Journal of Clinical Endocrinology and Metabolism, 1990, 71, 138-145.	1.8	135
443	Identification of calcium-activated neutral protease as a processing enzyme of human interleukin 1 alpha Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5548-5552.	3.3	248
444	Enhanced immunogenicity of a sequence derived from hepatitis B virus surface antigen in a composite peptide that includes the immunostimulatory region from human interleukin $1\dots$ Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5519-5522.	3.3	37
445	Granulocyte-Macrophage Colony-Stimulating Factor: Pleiotropic Cytokine with Potential Clinical Usefulness. Clinical Infectious Diseases, 1990, 12, 41-62.	2.9	197
446	MECHANICS OF FEVER. Journal of Basic and Clinical Physiology and Pharmacology, 1990, 1, 291-322.	0.7	16
447	Modulation of the proliferative response of murine thymocytes stimulated by IL-1, and enhancement of IL- $1\hat{l}^2$ secretion from mononuclear phagocytes by tetracyclines. Journal of Antimicrobial Chemotherapy, 1990, 26, 61-70.	1.3	57
448	Interleukins Counteract Opioid Agonists Immunosuppression. International Journal of Neuroscience, 1990, 54, 157-163.	0.8	7
449	Four-dimensional heteronuclear triple-resonance NMR spectroscopy of interleukin-1 beta in solution. Science, 1990, 249, 411-414.	6.0	322
450	Radioprotection of the Intestinal Crypts of Mice by Recombinant Human Interleukin-1α. Radiation Research, 1990, 123, 112.	0.7	49
451	Interleukin- $1\hat{l}^2$, human leukocyte antigen HLA-DR \hat{l}^\pm , and transforming growth factor- \hat{l}^2 expression in endom trium, placenta, and placental membranes. American Journal of Obstetrics and Gynecology, 1990, 163, 1430-1437.	0.7	273
452	Assignment of the side-chain proton and carbon-13 resonances of interleukin-1.beta. using double- and triple-resonance heteronuclear three-dimensional NMR spectroscopy. Biochemistry, 1990, 29, 8172-8184.	1.2	200
453	Temporal sequence of interleukin 1α—mediated stimulation and inhibition of bone formation by isolated fetal rat calvaria cells in vitro. Cytokine, 1990, 2, 430-437.	1.4	36
454	Macrophage products in inflammation. Diagnostic Microbiology and Infectious Disease, 1990, 13, 439-447.	0.8	18

#	Article	IF	Citations
455	An Interleukin 1 Inhibitor Affects both Cell-Associated Interleukin 1-Induced T Cell Proliferation and PGE2/Collagenase Production by Human Dermal Fibroblasts and Synovial Cells. Immunobiology, 1990, 180, 316-327.	0.8	29
456	A molecular genetic linkage map of mouse chromosome 2. Genomics, 1990, 6, 491-504.	1.3	86
457	Secretion of N-glycosylated human recombinant interleukin-1α in Saccharomyces cerevisiae. Gene, 1990, 88, 297-301.	1.0	25
458	Cytokine regulation of protein phosphorylation. Cytokine, 1990, 2, 77-91.	1.4	14
459	Opioid Peptides Annals of the New York Academy of Sciences, 1990, 594, 66-77.	1.8	33
460	Molecular Heterogeneity of Interleukin-1 Receptors. Annals of the New York Academy of Sciences, 1990, 594, 231-239.	1.8	11
461	Secretory Products of Mouse Peritoneal Macrophages Inhibit the Activity of the Scavenger Receptor on Homogeneous Macrophages. Annals of the New York Academy of Sciences, 1990, 598, 502-503.	1.8	0
462	Interleukin-1 is released at sites of human cutaneous allergic reactions. Journal of Allergy and Clinical Immunology, 1990, 86, 830-839.	1.5	104
463	Structure of interleukin 1 .alpha. at 2.7ANG. resolution. Biochemistry, 1990, 29, 2679-2684.	1.2	167
464	Preparation, application and biological characterization of interleukin- $1\hat{l}^2$ mutant protein biotinylated at a single site. Journal of Immunological Methods, 1990, 127, 179-185.	0.6	11
465	Fetal bovine serum contains an inhibitor of interleukin-1. Journal of Immunological Methods, 1990, 133, 99-105.	0.6	14
466	Low resolution structure of interleukin- $1\hat{l}^2$ in solution derived from 1Hî—,15N heteronuclear three-dimensional nuclear magnetic resonance spectroscopy. Journal of Molecular Biology, 1990, 214, 811-817.	2.0	25
467	Kupfer cell-hepatocyte interactions and the changes in 1-14C-arachidonate incorporation in response to endotoxin. Prostaglandins, 1990, 39, 497-514.	1.2	8
468	The biology and clinical potential of growth factors that regulate myeloid cell production. Trends in Pharmacological Sciences, 1990, 11, 285-289.	4.0	12
469	Regulation of the testis. Journal of Reproductive Immunology, 1990, 18, 33-50.	0.8	15
470	Effects of interleukin- $1\hat{l}_{\pm}$ on migration of canine neutrophils in vitro and in vivo. Veterinary Immunology and Immunopathology, 1990, 26, 385-393.	0.5	13
471	Selective alteration of bovine neutrophil responses by recombinant bovine interleukin- $\hat{l^2}$. Veterinary Immunology and Immunopathology, 1990, 26, 1-12.	0.5	6
472	Effect of food-restriction stress on immune response in mice. Journal of Neuroimmunology, 1990, 30, 23-29.	1.1	46

#	Article	IF	CITATIONS
473	Specific radioimmunoassays for IL $1\hat{1}$ and IL $1\hat{1}$ in plasma at physiological and acidic PH: Determination of immunoreactive forms by gel filtration and radioligand binding studies. Cytokine, 1990, 2, 182-189.	1.4	5
474	Detection of urinary TNF, IL 1, and IL 2 after local BCG immunotherapy for bladder carcinoma. Cytokine, 1990, 2, 175-181.	1.4	40
475	Fate of injected interleukin 1 in rats: Sequestration and degradation in the kidney. Cytokine, 1990, 2, $416-422$.	1.4	70
476	Analysis of the backbone dynamics of interleukin-1.beta. using two-dimensional inverse detected heteronuclear nitrogen-15-proton NMR spectroscopy. Biochemistry, 1990, 29, 7387-7401.	1.2	524
477	Effect of Human Recombinant Interleukin-6 on the Proliferation of Mouse Hepatocytes in the Primary Culture. Immunobiology, 1990, 180, 235-242.	0.8	47
478	Lymphokine signal transduction. Progress in Growth Factor Research, 1990, 2, 45-70.	1.7	8
479	Identification and distribution of two forms of the interleukin 1 receptor. Cytokine, 1990, 2, 21-28.	1.4	31
480	Determination of the secondary structure and molecular topology of interleukin-1.beta. by use of two- and three-dimensional heteronuclear nitrogen-15-proton NMR spectroscopy. Biochemistry, 1990, 29, 4668-4682.	1.2	73
481	Complete resonance assignment for the polypeptide backbone of interleukin 1.beta. using three-dimensional heteronuclear NMR spectroscopy. Biochemistry, 1990, 29, 3542-3556.	1.2	189
482	Interleukin-1 -induced suppression of type II collagen gene transcription involves DNA regulatory elements. Experimental Cell Research, 1990, 191, 105-114.	1.2	31
483	Interleukin 1- and tumor necrosis factor-stimulation of prostaglandin E2 synthesis in MDCK cells, and potentiation of this effect by cycloheximide. FEBS Letters, 1990, 259, 289-292.	1.3	20
484	Modulation ofinterleukin- $1\hat{l}^2$ production by cyclic AMP in human monocytes. FEBS Letters, 1990, 263, 35-37.	1.3	50
485	Synergistic and additive induction of metallothionein in Chang liver cells. FEBS Letters, 1990, 269, 218-220.	1.3	16
486	IL1 induces proliferation and IL6 mRNA expression in a human astrocytoma cell line: Positive and negative modulation by chorela toxin and cAMP. Biochemical and Biophysical Research Communications, 1990, 167, 1242-1248.	1.0	66
487	Tumor necrosis factor- \hat{l}_{\pm} enhances inhibitory effects of interleukin- $1\hat{l}^2$ on Leydig cell steroidogenesis. Biochemical and Biophysical Research Communications, 1990, 166, 1313-1318.	1.0	63
488	Growth inhibition caused by serum depletion induces differentiation, interleukin 1 receptor expression and interleukin 1 responsiveness in the HL-60 promyelocytic leukemia cell line. Biochemical and Biophysical Research Communications, 1990, 168, 959-965.	1.0	7
489	The effects of recombinant human interleukin- $1\hat{l}^2$ on cellular proliferation and the production of prostaglandin E2, plasminogen activator, osteocalcin and alkaline phosphatase by osteoblast-like cells derived from human bone. Biochemical and Biophysical Research Communications, 1990, 166, 208-216.	1.0	112
490	Differential effects of recombinant interleukin- $1\hat{l}\pm$ and \hat{l}^2 on leydig cell function. Biochemical and Biophysical Research Communications, 1990, 167, 548-553.	1.0	68

#	Article	IF	CITATIONS
491	Mononuclear cells enhance prostaglandin E2 production of polymorphonuclear leukocytes via tumor necrosis factor α. Biochemical and Biophysical Research Communications, 1990, 168, 857-862.	1.0	15
492	Interleukin-1: Biology, pathophysiology, and clinical prospects. American Journal of Medicine, 1990, 89, 621-629.	0.6	101
493	Antiproliferative effect of interleukin 1 (IL-1) on tumor cells: G0-G1 arrest of a human melanoma cell line by IL-1. Biochemical and Biophysical Research Communications, 1990, 173, 186-192.	1.0	22
494	Alveolitis caused by exposure to coal mine dusts: Production of interleukin-1 and immunomodulation by bronchoalveolar leukocytes. Environmental Research, 1990, 53, 76-89.	3.7	12
495	Differential regulation of IL 6, IL 1 A, IL $1\hat{l}^2$ and TNF \hat{l}^2 production in LPS-stimulated human monocytes: Role of cyclic AMP. Cytokine, 1990, 2, 205-210.	1.4	115
496	A study of the pyrogenic actions of interleukinâ€1α and interleukinâ€1β: interactions with a steroidal and a nonâ€steroidal antiâ€inflammatory agent. British Journal of Pharmacology, 1990, 100, 542-546.	2.7	37
497	Human monocytes produce IL-1 and an inhibitor of IL-1 in response to two different signals. Clinical Immunology and Immunopathology, 1990, 57, 45-63.	2.1	27
498	In vitro and in vivo production of interleukin-6 by fetal mononuclear cells. Clinical Immunology and Immunopathology, 1990, 55, 305-314.	2.1	30
499	Arthritis induced by interleukin-1 is dependent on the site and frequency of intraarticular injection. Clinical Immunology and Immunopathology, 1990, 55, 382-400.	2.1	55
500	Purification and biochemical characterization of an invertebrate interleukin 1. Molecular Immunology, 1991, 28, 577-584.	1.0	51
501	Recombinant human IL- $1\hat{l}^2$ and TNF- \hat{l}_\pm stimulate production of IL- $1\hat{l}_\pm$ and IL- $1\hat{l}^2$ by vascular smooth muscle cells and IL- $1\hat{l}_\pm$ by vascular endothelial cells. Life Sciences, 1991, 49, 241-246.	2.0	19
502	Secretion of a potent new migration factor for smooth muscle cells (SMC) by cultured SMC. Atherosclerosis, 1991, 86, 219-226.	0.4	27
503	HLAâ€DR Expression on M Cells Overlying Peyer's Patches is a Common Feature of Human Small Intestine. Pathology International, 1991, 41, 818-823.	0.6	27
504	Sertoli cells are the site of interleukin- $\hat{l}\pm$ synthesis in rat testis. Molecular and Cellular Endocrinology, 1991, 82, R13-R16.	1.6	96
505	Therapeutic use of cytokines in dermatology. Journal of the American Academy of Dermatology, 1991, 24, 915-926.	0.6	39
506	Interleukins in the brain. European Neuropsychopharmacology, 1991, 1, 374-376.	0.3	2
507	Chromosomal location of murine and human IL-1 receptor genes. Genomics, 1991, 9, 44-50.	1.3	70
508	Regulation of the B cell response by cytokines. Transfusion Science, 1991, 12, 43-57.	0.6	0

#	Article	IF	CITATIONS
509	Immunopotentiation of cattle vaccinated with a soluble Brucella abortus antigen with low LPS content: an analysis of cellular and humoral immune responses. Veterinary Microbiology, 1991, 29, 15-26.	0.8	13
510	The effects of adjuvants on immune responses in cattle injected with a Brucella abortus soluble antigen. Veterinary Microbiology, 1991, 29, 27-48.	0.8	20
511	Overview: New Directions in Inflammatory Bowel Disease Therapy. Current Opinion in Therapeutic Patents, 1991, 1, 615-629.	0.2	0
512	Interleukin- $1\hat{l}^2$ Increases the Biosynthesis of the Heat Shock Protein hsp70 and Selectively Decreases the Biosynthesis of five Proteins in rat Pancreatic Islets. Autoimmunity, 1991, 9, 33-40.	1.2	30
513	Four-dimensional carbon-13/carbon-13-edited nuclear Overhauser enhancement spectroscopy of a protein in solution: application to interleukin 1.beta Biochemistry, 1991, 30, 12-18.	1.2	182
514	Gastric cytoprotection by intracisternal interleukin- $\hat{\Pi}^2$ in the rat. Biochemical and Biophysical Research Communications, 1991, 174, 1117-1124.	1.0	25
515	Reduction of biological activity of murine recombinant interleukin- $1\hat{l}^2$ by selective deamidation at asparagine-149. FEBS Letters, 1991, 278, 98-102.	1.3	20
516	Molecular cloning of the murine ST2 gene. Characterization and chromosomal mapping. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1090, 1-8.	2.4	69
517	Effect of infection by bovine viral diarrhea virus (BVDV) in vitro on interleukin-1 activity of bovine monocytes. Veterinary Immunology and Immunopathology, 1991, 29, 251-265.	0.5	36
518	Rat Schwann cells produce interleukin-1. Journal of Neuroimmunology, 1991, 34, 15-23.	1.1	91
519	The effect of megestrol acetate on interleukin-1 activity. Gynecologic Oncology, 1991, 43, 260-261.	0.6	4
520	The Role of Cytokines in Asthma. Annals of the New York Academy of Sciences, 1991, 629, 250-261.	1.8	18
522	Increased interleukin-1 production by peripheral blood mononuclear cells in patients with multiple sclerosis. Journal of the Neurological Sciences, 1991, 102, 100-104.	0.3	19
523	Enumeration of interleukin-1 producing monocytes from human peripheral blood mononuclear leukocytes by agar plating technique. Journal of Immunological Methods, 1991, 140, 173-180.	0.6	2
524	Human interleukin $1\hat{l}^2$ fused to the human growth hormone signal peptide is N-glycosylated and secreted by Chinese hamster ovary cells. Gene, 1991, 97, 253-258.	1.0	20
525	Staphylococcus aureus Mastitis: Pathogenesis and Treatment with Bovine Interleukin- $1\hat{l}^2$ and Interleukin-2. Journal of Dairy Science, 1991, 74, 4413-4424.	1.4	54
526	Neuroendocrine and immunological mechanisms in stress-induced immunomodulation. Journal of Steroid Biochemistry and Molecular Biology, 1991, 40, 639-647.	1.2	84
528	Immunosuppression by Marijuana and Components. , 1991, , 931-953.		15

#	Article	IF	CITATIONS
529	Accessory Cells in Normal Human Thymus and in Thymoma: Distribution, Immunophenotype, and Cytokine Content., 1991,, 171-183.		0
530	Metabolic Deviation of Mouse Liver by RhILl-α or RhTNF/Cachectin1. Journal of Biochemistry, 1991, 109, 507-513.	0.9	2
531	Identification of the discontinuous binding site in human interleukin 1 beta for the type I interleukin 1 receptor Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 11182-11186.	3.3	69
532	Bacterial Ribosomal Immunostimulants Prime Alveolar Macrophages in Vivo to Produce Interleukin 1 in Vitro. Chest, 1991, 100, 644-648.	0.4	14
533	A Method for the Quantitative Analysis and Standardization of Interleukin-1 Bioactivity. Journal of Leukocyte Biology, 1991, 50, 123-130.	1.5	8
535	The Liver and the Hematolymphoid System: I. The Regulation of Nylon-Passed Spleen Cell Proliferation by Active Factors Released From Syngeneic Nonparenchymal Liver Cells. Journal of Leukocyte Biology, 1991, 50, 402-411.	1.5	20
536	Regulation of Interferon Production by Human Monocytes: Requirements for Priming for Lipopolysaccharide-Induced Production. Journal of Leukocyte Biology, 1991, 50, 176-181.	1.5	49
537	NF-AB, a liver-specific and cytokine-inducible nuclear factor that interacts with the interleukin-1 response element of the rat alpha 1-acid glycoprotein gene Molecular and Cellular Biology, 1991, 11, 3001-3008.	1.1	19
538	Inflammatory Responses to <i>Pneumocystis carinii</i> in Mice Selectively Depleted of Helper T Lymphocytes. American Journal of Respiratory Cell and Molecular Biology, 1991, 5, 186-197.	1.4	119
539	Immunohistochemical characterization of vascular endothelial cells in cutaneous T-cell malignancies with special references to heterogenous expression of surface antigens associated with monocytes and macrophages Acta Histochemica Et Cytochemica, 1991, 24, 377-387.	0.8	1
540	Interleukin 1 Alpha mRNA-Expressing Cells on the Local Inflammatory Response in Feline Infectious Peritonitis Journal of Veterinary Medical Science, 1991, 53, 995-999.	0.3	11
541	Interleukin $1\hat{l}^2$ Is Expressed Predominantly by Enterocytes in Experimental Colitis. Gastroenterology, 1991, 100, 1180-1186.	0.6	61
542	Interleukin $1\hat{l}^2$ is expressed predominantly by enterocytes in experimental colitis. Gastroenterology, 1991, 100, 1180-1186.	0.6	79
543	Prevention of bacterial infection and LPS-induced lethality by interleukin-1.ALPHA. in mice Tohoku Journal of Experimental Medicine, 1991, 163, 47-57.	0.5	4
544	Reduced mitogen stimulation of DNA synthesis in human lymphocytes by a human recombinant interleukin-1 receptor antagonist. Immunology Letters, 1991, 28, 19-25.	1.1	14
545	Parallel relationship between the increase in serotonin in the liver and the hypoglycaemia induced in mice by interleukin-1 and tumour necrosis factor. Immunology Letters, 1991, 27, 75-79.	1.1	26
546	Fibrogenic cytokines: the role of immune mediators in the development of scar tissue. Trends in Immunology, 1991, 12, 17-23.	7.5	661
547	Urinary biopterin levels in mice during graft-versus-host reactions and during exposure to 5,5-diphenylhydantoin. International Journal of Immunopharmacology, 1991, 13, 463-473.	1.1	2

#	Article	IF	CITATIONS
548	Induction of interleukin-1 in human monocytes by the superantigen Staphylococcal Enterotoxin A requires the participation of T cells. Cellular Immunology, 1991, 137, 61-71.	1.4	70
549	Accelerated recovery of antigen-presenting cell activity by the administration of interleukin $1\hat{l}_{\pm}$ in 5-fluorouracil-treated mice. Cellular Immunology, 1991, 136, 234-241.	1.4	1
550	Production of interleukin- $1\hat{l}^2$ and tumour necrosis factor- $\hat{l}\pm$ in patients with benign or malignant ovarian tumours. Journal of Cancer Research and Clinical Oncology, 1991, 117, 587-592.	1.2	12
551	Pentamidine: An inhibitor of interleukin-1 that acts via a post-translational event. Toxicology and Applied Pharmacology, 1991, 107, 555-561.	1.3	22
552	Interleukin 1 production by monocytic leukemia cells and its possible role in coagulation abnormalities. Leukemia Research, 1991, 15, 1133-1137.	0.4	6
553	Monocyte zinc andln vitro prostaglandin E2 and interleukin-1? production by cultured peripheral blood monocytes in patients with Crohn's disease. Digestive Diseases and Sciences, 1991, 36, 627-633.	1.1	12
554	Murine Tumor Cells Metastasizing Selectively in the Liver: Ability to Produce Hepatocyte-activating Cytokines Interleukin-1 and/or -6. Japanese Journal of Cancer Research, 1991, 82, 1299-1308.	1.7	58
555	Endothelial leucocyte adhesion molecule-1 (ELAM-1) expression in cutaneous inflammation. British Journal of Dermatology, 1991, 124, 117-123.	1.4	209
556	Cyclic Adenosine Monophosphate Decreases the Secretion, but not the Cell-Associated Levels, of Interleukin-1 beta in Lipopolysaccharide-Activated Human Monocytes. Scandinavian Journal of Immunology, 1991, 34, 121-125.	1.3	20
557	Different Activation Signals are Required for the Expression of Interleukin-1 alpha and beta Genes in Human Monocytes. Scandinavian Journal of Immunology, 1991, 33, 713-718.	1.3	13
558	Molecular cloning, expression and characterization of ovine TNF \hat{l}_{\pm} . Immunology and Cell Biology, 1991, 69, 273-283.	1.0	26
559	Elevated circulating levels of interleukin-6 in patients with chronic renal failure. Kidney International, 1991, 39, 954-960.	2.6	252
560	Role of interleukin-1 and prostaglandin in in vitro bone resorption induced by Actinobacillus actinomycetemcomitans lipopolysaccharide. Journal of Periodontal Research, 1991, 26, 155-160.	1.4	92
561	Antibodies and their Role in Interleukin-1 Research. Immunological Reviews, 1991, 119, 181-201.	2.8	4
562	Practical aspects and diagnostic significance of in vitro manipulation of progenitors in human acute myeloid and lymphoid leukaemia. Best Practice and Research: Clinical Haematology, 1991, 4, 637-653.	1,1	6
563	The Response to Human rlL-1, rlL-2, and rTNF in the Middle Ear of Guinea Pigs. Laryngoscope, 1991, 101, 271???275.	1.1	39
564	INHIBITORY EFFECT OF 8-METHOXYPSORALEN PLUS ULTRAVIOLET-A ON INTERLEUKIN-1 PRODUCTION BY MURINE KERATINOCYTES. Photochemistry and Photobiology, 1991, 53, 517-523.	1.3	23
565	The role of neutrophilâ€activating mediators in canine health and disease (with special reference to the) Tj ETQq1 Therapeutics, 1991, 14, 113-133.	1 0.78431 0.6	14 rgBT /0\ 12

#	Article	IF	CITATIONS
566	Regulation of neutrophil and macrophage production by growth factors. International Journal of Biochemistry & Cell Biology, 1991, 23, 1361-1367.	0.8	O
567	Induction of interleukin- $1\hat{l}^2$ production in human dermal fibroblasts by interleukin- $1\hat{l}^2$ and tumor necrosis factor- \hat{l}^2 . Involvement of protein kinase-dependent and adenylate cyclase-dependent regulatory pathways. Journal of Cellular Biochemistry, 1991, 47, 174-183.	1.2	26
568	Role of putrescine in interleukin 1? production in human histiocytic lymphoma cell line U937. Journal of Cellular Physiology, 1991, 147, 199-207.	2.0	13
569	Immunomodulating peptides of natural and synthetic origin. Medicinal Research Reviews, 1991, 11, 81-119.	5.0	16
570	Synthesis of (Z)-3-[4-(acetyloxy)-5-ethyl-3-methoxy-1-NAPH-thalenyl]-2-methyl-2- propenoic-2-14C acid (14C-E5090). Journal of Labelled Compounds and Radiopharmaceuticals, 1991, 29, 719-723.	0.5	0
571	Kinetics of fever and its related cytokines in mice after intraperitoneal infection with listeria monocytogenes. Journal of Thermal Biology, 1991, 16, 103-107.	1.1	4
572	Legionella pneumophila-Induced IL-1: Responses of murine peritoneal, splenic, and pulmonary macrophages. Current Microbiology, 1991, 22, 143-149.	1.0	5
573	Aseptic meningitis in children: Correlation between fever and interferon-gamma level. European Journal of Pediatrics, 1991, 150, 722-725.	1.3	17
574	Stereospecific assignment of \hat{l}^2 -methylene protons in larger proteins using 3D15N-separated Hartmann-Hahn and 13C-separated rotating frame Overhauser spectroscopy. Journal of Biomolecular NMR, 1991, 1, 13-22.	1.6	106
575	An immunohistochemical study on the effects of cyclosporin on the gut-associated lymphoid tissue of rats. Gastroenterologia Japonica, 1991, 26, 593-602.	0.4	4
576	Interleukin 1 production by human monocytes induced in culture with K562 cells. Research in Experimental Medicine, 1991, 191, 201-208.	0.7	2
577	In vitro interleukin-1 (IL-1) production in thymic hyperplasia and thymoma from patients with myasthenia gravis. Journal of Clinical Immunology, 1991, 11, 268-278.	2.0	17
578	Elevated monocyte interleukin-6 (IL-6) production in immunosuppressed trauma patients. I. Role of Fc?RI cross-linking stimulation. Journal of Clinical Immunology, 1991, 11, 326-335.	2.0	36
579	No effect of recombinant human interleukin-1 on numbers of peripheral blood and peritoneal leukocytes during acute inflammation. Inflammation, 1991, 15, 457-470.	1.7	17
580	Bone Destruction Mechanisms in Chronic Otitis Media with Cholesteatoma: Specific Production by Cholesteatoma Tissue in Culture of Bone-Resorbing Activity Attributable to Interleukin-1 Alpha. Annals of Otology, Rhinology and Laryngology, 1991, 100, 989-998.	0.6	31
581	Interleukin 1a, Tumor Necrosis Factor a, and Interferon ? in Psoriasis. Archives of Dermatology, 1991, 127, 827.	1.7	46
582	Carbohydrate-Binding Protein 35 Is the Major Cell-Surface Laminin-Binding Protein in Colon Carcinoma. Archives of Surgery, 1991, 126, 1498.	2.3	33
583	Interleukin-1, immune activation pathways, and different mechanisms in osteoarthritis and rheumatoid arthritis Annals of the Rheumatic Diseases, 1991, 50, 395-400.	0.5	48

#	Article	IF	CITATIONS
584	Trophoblast-Derived Interleukin-1 (IL-1) Stimulates the Release of Human Chorionic Gonadotropin by Activating IL-6 and IL-6-Receptor System in First Trimester Human Trophoblasts*. Journal of Clinical Endocrinology and Metabolism, 1991, 72, 594-601.	1.8	112
585	Immunologic Mediators as Parameters of the Reaction to Strenuous Exercise. International Journal of Sports Medicine, 1991, 12, S9-S15.	0.8	145
586	Human Endometrium: An Active Site of Cytokine Production and Action*. Endocrine Reviews, 1991, 12, 272-290.	8.9	285
587	Interleukin-1 Receptors in Mouse Kidney: Identification, Localization, and Modulation by Lipopolysaccharide Treatment. Endocrinology, 1991, 128, 2618-2624.	1.4	21
588	Regulatory Mechanisms for the Expression of a Functional \hat{l}^2 Chain of Interleukin 2 Receptor on T4 Chronic Lymphocytic Leukemia Cells. Growth Factors, 1991, 4, 289-295.	0.5	2
589	Immuno-Enhancing Effects of Ricin. Immunopharmacology and Immunotoxicology, 1991, 13, 357-366.	1.1	4
590	Invertebrate cytokines: tunicate cell proliferation stimulated by an interleukin 1-like molecule Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 9518-9522.	3.3	87
591	cDNA cloning of an intracellular form of the human interleukin 1 receptor antagonist associated with epithelium Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3681-3685.	3.3	305
592	Interleukin 1 receptor antagonist is a member of the interleukin 1 gene family: evolution of a cytokine control mechanism Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 5232-5236.	3.3	229
593	Restricted secretion of a T-lymphocyte chemotactic cytokine by serotonin-stimulated cultured aortic endothelial cells Circulation Research, 1991, 69, 257-265.	2.0	7
594	Production of intracellular and extracellular interleukin-1 alpha and interleukin-1 beta by peripheral blood monocytes from patients with connective tissue diseases Annals of the Rheumatic Diseases, 1991, 50, 27-31.	0.5	26
595	Interleukin- $1\hat{l}^2$ production in vivo and in vitro in rats and mice measured using specific immunoradiometric assays. Journal of Molecular Endocrinology, 1991, 7, 1-7.	1.1	55
596	Interleukin 1 expression is inducible by nerve growth factor in PC12 pheochromocytoma cells Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 9302-9306.	3.3	42
597	Conversion of the interleukin 1 receptor antagonist into an agonist by site-specific mutagenesis Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2658-2662.	3.3	72
598	Mechanism of Regulation of Prostaglandin Production by Parathyroid Hormone, Interleukin-1, and Cortisol in Cultured Mouse Parietal Bones*. Endocrinology, 1991, 128, 2503-2510.	1.4	62
599	Cytokines in dermatotherapy. Journal of Dermatological Treatment, 1992, 3, 143-152.	1.1	1
600	Interleukin-1 inhibits human thyroid carcinoma cell growth Journal of Clinical Endocrinology and Metabolism, 1992, 75, 596-602.	1.8	54
601	Interleukin-1 is induced in the human placenta by endotoxin and isolation procedures for trophoblasts Journal of Clinical Endocrinology and Metabolism, 1992, 75, 951-955.	1.8	45

#	Article	IF	CITATIONS
602	Gene expression during preimplantation mouse development Genes and Development, 1992, 6, 1190-1201.	2.7	144
603	Interleukin 1 and Its Relationship to Endotoxin Tolerance. Archives of Surgery, 1992, 127, 146.	2.3	34
605	Synthesis of interleukin-1 and prostaglandin E2 by lens epithelial cells of human cataracts British Journal of Ophthalmology, 1992, 76, 338-341.	2.1	104
606	Double-Blind Randomized Phase I Study on the Clinical Tolerance and Biological Effects of Natural and Recombinant Interferon- \hat{l}^2 . Journal of Interferon Research, 1992, 12, 329-336.	1.2	29
607	Altered Macrophage Antigen-Presenting Cell Function Following Friend Leukemia Virus Infection. Viral Immunology, 1992, 5, 201-211.	0.6	6
608	Inhibitory Action of Tetrandrine on Macrophage Production of Interleukin-1 (IL-I)-Like Activity and Thymocyte Proliferation. Experimental Lung Research, 1992, 18, 715-729.	0.5	45
609	Negative Regulation of Interleukin-1 in Immune Reactive Cells. Immunological Investigations, 1992, 21, 333-342.	1.0	2
610	Cytokine-Related Immunopotentiating Activities of Paramylon, a .BETA(1.RAR.3)-D-Glucan from Euglena gracilis Journal of Pharmacobio-dynamics, 1992, 15, 617-621.	0.5	55
611	Ornithine and histidine decarboxylase activities in mice sensitized to endotoxin, interleukinâ€1 or tumour necrosis factor by <scp>d</scp> â€galactosamine. British Journal of Pharmacology, 1992, 107, 888-894.	2.7	32
612	Immunosuppressive activity of corticotrophin-releasing factor. Inhibition of interleukin-1 and interleukin-6 production by human mononuclear cells. Biochemical Journal, 1992, 281, 251-254.	1.7	55
613	Investigation of guanine-nucleotide-binding protein involvement and regulation of cyclic AMP metabolism in interleukin 1 signal transduction. Biochemical Journal, 1992, 282, 59-67.	1.7	15
614	Defective lipopolysaccharide-induced production of both interleukin $1\hat{l}^{\pm}$ and interleukin $1\hat{l}^{2}$ by A/J mouse macrophages is posttranscriptionally regulated. Journal of Leukocyte Biology, 1992, 51, 570-578.	1.5	8
615	Demonstration of Tumor Necrosis Factor- \hat{l}_{\pm} in Preovulatory Follicular Fluid: Its Association with Serum $17\hat{l}^2$ -Estradiol and Progesterone. Gynecologic and Obstetric Investigation, 1992, 33, 80-84.	0.7	19
616	Immunologic Characteristics of Cytokines in Otitis Media with Effusion. Annals of Otology, Rhinology and Laryngology, 1992, 101, 21-25.	0.6	51
617	Coordinate and Differential Regulation of GM-CSF and IL-3 Synthesis in Murine T Lymphocytes. Advances in Molecular and Cell Biology, 1992, , 99-132.	0.1	0
618	Alpha-melanocyte-stimulating hormone suppresses fever and increases in plasma levels of prostaglandin E2 in the rabbit Journal of Physiology, 1992, 451, 491-502.	1.3	38
619	Evidence for a systemic immune activation during depression: results of leukocyte enumeration by flow cytometry in conjunction with monoclonal antibody staining. Psychological Medicine, 1992, 22, 45-53.	2.7	251
621	Calciumâ€dependent cysteine proteinase (calpain) in human arthritic synovial joints. Arthritis and Rheumatism, 1992, 35, 1309-1317.	6.7	48

#	Article	IF	CITATIONS
623	Cyclic AMP Mimics IL-1 Action in Augmenting the Differentiation of a Mouse Myeloid Leukemic Cell Line(M1) Journal of Pharmacobio-dynamics, 1992, 15, 491-500.	0.5	3
624	Fibrin Reaction after Posterior Chamber Lens Implantation. European Journal of Implant and Refractive Surgery, 1992, 4, 69-73.	0.4	3
625	Pathogenetic aspects of allergic and irritant contact dermatitis. Clinics in Dermatology, 1992, 10, 115-121.	0.8	19
626	Growth stimulation of a human colorectal carcinoma cell line by interleukin-1 and -6 and antagonistic effects of transforming growth factor \hat{l}^21 . European Journal of Cancer, 1992, 28, 1894-1899.	1.3	50
627	Natural and recombinant interleukin 1 receptor antagonist does not inhibit human T-cell proliferation induced by mitogens, soluble antigens or allogeneic determinants. Cytokine, 1992, 4, 29-35.	1.4	25
628	Induction of IL-1: Independent production of IL-1α and IL-1β. Cytokine, 1992, 4, 106-113.	1.4	6
629	The effect of lipopolysaccharide, interleukinâ€1 and tumour necrosis factor on the hepatic accumulation of 5â€hydroxytryptamine and platelets in the mouse. British Journal of Pharmacology, 1992, 105, 613-619.	2.7	76
630	Peripheral analgesic activities of peptides related to αâ€melanocyte stimulating hormone and interleukinâ€1 l² ^{193–195} . British Journal of Pharmacology, 1992, 106, 489-492.	2.7	37
631	Lipopolysaccharide, latex beads and residual bodies are potent activators of Sertoli cell interleukin- $\hat{1}$ ± production. Biochemical and Biophysical Research Communications, 1992, 185, 154-161.	1.0	77
632	Heterogeneity among human nasopharyngeal carcinoma cell lines for inflammatory cytokines mRNA expression levels. Biochemical and Biophysical Research Communications, 1992, 187, 121-126.	1.0	11
633	Enhanced release of cytokines, interleukin-2 receptors, and neopterin after long-distance running. Clinical Immunology and Immunopathology, 1992, 63, 188-195.	2.1	172
634	In situ hybridization of interleukin-1 in CD14-positive cells in rheumatoid arthritis. Clinical Immunology and Immunopathology, 1992, 62, 295-300.	2.1	58
635	Cytokine expression by head and neck squamous cell carcinomas. American Journal of Surgery, 1992, 164, 567-573.	0.9	78
636	Immunobiological activities of bacteria isolated from the root canals of postendodontic teeth with persistent periapical lesions. Journal of Endodontics, 1992, 18, 58-62.	1.4	4
637	The human IL-1 receptor antagonist gene (IL1RN) maps to chromosome 2q14–q21, in the region of the IL-1α and IL-1β loci. Genomics, 1992, 13, 654-657.	1.3	154
638	Peritoneal macrophages from patients on continuous ambulatory peritoneal dialysis show a differential secretion of prostanoids and interleukin-1β. Prostaglandins Leukotrienes and Essential Fatty Acids, 1992, 47, 23-28.	1.0	6
639	Further aspects of IL- $1\hat{l}^2$ secretion revealed by transfected monkey kidney cells. Cytokine, 1992, 4, 134-143.	1.4	3
640	Inflammatory response in the rabbit eye after intraocular implantation with poly(methyl) Tj ETQq1 1 0.784314 rg Surgery, 1992, 18, 65-70.	BT /Overlo 0.7	ck 10 Tf 50 39

#	Article	IF	CITATIONS
641	Interleukin 1. Advances in Neuroimmunology, 1992, 2, 1-16.	1.8	15
642	Intra-Articular Administration of Interleukin-1 Causes Prolonged Suppression of Cartilage Proteoglycan Synthesis in Rats. Matrix Biology, 1992, 12, 1-10.	1.8	36
643	Potent Inhibition of Gastric Acid Secretion and Ulcer Formation by Centrally and Peripherally Administered Interleukin-1. Annals of the New York Academy of Sciences, 1992, 664, 353-368.	1.8	52
644	Macrophages and Astroglial Interactions in Repair to Brain Injury. Annals of the New York Academy of Sciences, 1992, 650, 186-190.	1.8	19
645	Potent inhibition of gastric acid secretion by intravenous interleukin- $1\hat{l}^2$ and $-1\hat{l}_\pm$ in rats. Peptides, 1992, 13, 221-226.	1.2	33
646	Vaccinia and cowpox viruses encode a novel secreted interleukin-1-binding protein. Cell, 1992, 71, 145-152.	13.5	329
647	Differential distribution of interleukin- $1\hat{l}^{\pm}$ and interleukin- $1\hat{l}^2$ proteins in human placentas. Journal of Reproductive Immunology, 1992, 22, 257-268.	0.8	79
648	Characterisation of ovine alveolar macrophages: regulation of surface antigen expression and cytokine production. Veterinary Immunology and Immunopathology, 1992, 31, 77-94.	0.5	17
649	Type I interleukin-1 receptors in the mouse brain-endocrine-immune axis labelled with [125I]recombinant human interleukin-1 receptor antagonist. Journal of Neuroimmunology, 1992, 41, 51-60.	1.1	63
650	Stable isotope aided nuclear magnetic resonance study to investigate the receptor-binding site of human interleukin 1.beta Biochemistry, 1992, 31, 2435-2442.	1.2	19
651	Up-regulation of hepatocyte growth factor gene expression by interleukin-1 in human skin fibroblasts. Biochemical and Biophysical Research Communications, 1992, 188, 235-243.	1.0	166
652	Cytokines: From clone to clinic. Archives of Biochemistry and Biophysics, 1992, 292, 335-359.	1.4	73
653	Functional significance of human vascular smooth muscle cell-derived interleukin 1 in paracrine and autocrine regulation pathways. Experimental Cell Research, 1992, 198, 283-290.	1.2	82
654	A 500 ps molecular dynamics simulation study of interleukin- $1\hat{l}^2$ in water. Journal of Molecular Biology, 1992, 226, 239-250.	2.0	177
655	Kupffer cell autoregulation of IL-1 production by PGE2 during hepatic regeneration. Journal of Surgical Research, 1992, 52, 422-428.	0.8	15
656	Interleukin $1\hat{l}^2$ improves survival following cecal ligation and puncture. Journal of Surgical Research, 1992, 52, 518-522.	0.8	26
657	Modification of Immunopharmacological Activities of Synthetic Monosaccharide Lipid A Analogue, GLA60, by Lysozyme1. Journal of Biochemistry, 1992, 112, 616-623.	0.9	12
658	The Cytokine Network in the Critically Ill. Anaesthesia and Intensive Care, 1992, 20, 288-302.	0.2	82

#	Article	IF	CITATIONS
659	The Interleukin-1 System: Receptors, Ligands and Signals. Chemical Immunology and Allergy, 1992, 51, 33-64.	1.7	20
660	Cytokine Induction in Experimental and Ulcerative Colitis. Digestive Surgery, 1992, 9, 177-182.	0.6	1
661	Concentrations of Interleukin-1.BETA., Interleukin-6, Interleukin-8 and TNF-ALPHA. in Cerebrospinal Fluid from Children with Septic or Aseptic Meningitis Kurume Medical Journal, 1992, 39, 257-265.	0.0	17
662	Implantation and maintenance of functional human bone marrow in SCID-hu mice. Blood, 1992, 79, 1704-1711.	0.6	203
663	Human peritoneal mesothelial cells produce many cytokines (granulocyte colony-stimulating factor) Tj ETQq0 0 C stimulated to grow by IL-1. Blood, 1992, 80, 2835-2842.	0.6 rgBT	erlock 10 Tf 5 157
664	Preventive effects of interleukin 1 ? for ACNU-induced myelosuppression in malignant brain tumors: the experimental and preliminary clinical studies. Journal of Neuro-Oncology, 1992, 14, 159-68.	1.4	5
665	Functional implications of interleukin- $1\hat{l}^2$ based on the three-dimensional structure. Proteins: Structure, Function and Bioinformatics, 1992, 12, 10-23.	1.5	79
666	Chemical modification of Interleukin- $1\hat{l}^2$: Biochemical characterization of a carbodiimide-catalyzed intramolecular cross-linked protein. The Protein Journal, 1992, 11, 709-722.	1.1	8
667	Cytokine Regulation of Proliferation and ICAM-1 Expression of Human Dermal Microvascular Endothelial Cells In Vitro. Journal of Investigative Dermatology, 1992, 98, 147-153.	0.3	111
668	Langerhans Cells Are the Major Source of mRNA for IL- 1^2 and MIP- 1^2 Among Unstimulated Mouse Epidermal Cells. Journal of Investigative Dermatology, 1992, 99, 537-541.	0.3	95
669	Separation of Soluble Amoebicidal and Tumoricidal Activity of Activated Macrophages. Journal of Protozoology, 1992, 39, 235-241.	0.9	9
670	Anti-tumor Effects of Interleukin-4 and Interleukin-5 against Mouse B Cell Lymphoma and Possible Mechanisms of Their Action. Japanese Journal of Cancer Research, 1992, 83, 200-210.	1.7	7
671	Prolonged Elevation of Intracellular Cyclic AMP Activates Interleukin-1 Production in Human Peripheral Blood Monocytes. Scandinavian Journal of Immunology, 1992, 35, 203-208.	1.3	11
672	Inhibition of Interleukin-1 (Alpha and Beta), Interleukin-2 Secretion and Surface Expression of Interleukin-2 Receptor (IL-2R) by a Novel Cytokine Interleukin-1 Receptor Antagonist (IL-Ira). Scandinavian Journal of Immunology, 1992, 36, 27-34.	1.3	19
673	In-vivo administration of interleukin 1 both enhances and suppresses contact sensitivity in the mouse. British Journal of Dermatology, 1992, 126, 125-130.	1.4	6
674	EXPRESSION OF T6 ANTIGEN ON KERATINOCYTES IN ALOPECIA AREATA. International Journal of Dermatology, 1992, 31, 103-106.	0.5	3
675	In vitro and in vivo interleukin-8 production in human renal cortical epithelia. Kidney International, 1992, 41, 191-198.	2.6	127
676	IL- $1\hat{l}\pm$ stimulated TNF $\hat{l}\pm$ production by cultured human proximal tubular epithelial cells. Kidney International, 1992, 42, 383-389.	2.6	79

#	Article	IF	CITATIONS
677	Increased production of interleukin-1 and tumor necrosis factor by human monocytes treated in vitro with cisplatin or other biological response modifiers. Immunology Letters, 1992, 34, 183-188.	1.1	21
678	Selective enhancement of interleukin $1\hat{l}^2$ production in myelomonocytic cell lines by insulin and its related cytokines. Immunology Letters, 1992, 34, 243-247.	1.1	5
679	The in vitro effects of mercury on peritoneal leukocytes (PMN and macrophages) from inbred brown Norway and Lewis rats. International Journal of Immunopharmacology, 1992, 14, 1051-1059.	1.1	15
680	Detection and measurement of cytokines. Blood Reviews, 1992, 6, 133-148.	2.8	89
681	Interleukin-1 and interleukin-6 synergize in preparing resting murine B cells to respond to anti- $\hat{1}\frac{1}{4}$: Correlation with c-myc expression. Cellular Immunology, 1992, 141, 243-252.	1.4	0
682	Treatment of fetal thymic organ culture with IL-1 leads to accelerated differentiation of subsets of CD4â^'CD8â^' cells. Cellular Immunology, 1992, 144, 237-245.	1.4	5
683	Production of macrophage colony-stimulating factor (M-CSF) by human monocytes is differentially regulated by GM-CSF, TNF \hat{l}_{\pm} , and IFN- \hat{l}_{3} . Cellular Immunology, 1992, 142, 361-369.	1.4	26
684	IL-1, IL-6, and PDGF mRNA expression in alveolar cells following stimulation with a tobacco-derived antigen. Cellular Immunology, 1992, 145, 156-174.	1.4	62
685	Nucleotide sequence of a complementary DNA for human ST2. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1992, 1171, 215-218.	2.4	51
686	Feline immune system. Comparative Immunology, Microbiology and Infectious Diseases, 1992, 15, 1-11.	0.7	18
687	Dengue virus infection of human skin fibroblasts in vitro production of IFN-?, IL-6 and GM-CSF. Archives of Virology, 1992, 124, 21-30.	0.9	57
688	The inflammatory cytokines in measles: Correlation between serum interferon-Î ³ levels and lymphocyte subpopulations. European Journal of Pediatrics, 1992, 151, 492-496.	1.3	13
689	Suppression of pulmonary granulomatous inflammation by immunomodulating agents. Agents and Actions, 1992, 37, 99-106.	0.7	9
690	Native cytokine antagonists. Best Practice and Research: Clinical Haematology, 1992, 5, 681-702.	1.1	14
691	Processing of interleukin-1 in cells of monocytic lineage is differentiation-dependent. FEBS Journal, 1992, 205, 295-301.	0.2	8
692	Mucosal Immune System in Health and Disease. Pathology International, 1992, 42, 387-400.	0.6	13
693	Contrasting effects of the protein kinase C inhibitor staurosporine on the interleukin-1 and phorbol ester activation pathways in the EL4-6.1 thymoma cell line. Journal of Cellular Physiology, 1992, 151, 71-80.	2.0	25
694	Ly-1 B (B-1) cells are the main source of B cell-derived interleukin 10. European Journal of Immunology, 1992, 22, 711-717.	1.6	512

#	Article	IF	CITATIONS
695	Human U937 cell surface peptidase activities: characterization and degradative effect on tumor necrosis factor-α. European Journal of Immunology, 1992, 22, 923-930.	1.6	74
696	Interleukin-1 up-regulates transcription of its own receptor in a human fibroblast cell line TIG-1: role of endogenous PGE2 and cAMP. European Journal of Immunology, 1992, 22, 1221-1227.	1.6	51
697	Interleukin-1 induces protein tyrosine phosphorylation in T cells. European Journal of Immunology, 1992, 22, 1391-1396.	1.6	47
698	Eosinophil as antigen-presenting cell: activation of T cell clones and T cell hybridoma by eosinophils after antigen processing. European Journal of Immunology, 1992, 22, 1919-1925.	1.6	117
699	Immunologic aspects of fibrosis in mouse mammary carcinomas. International Journal of Cancer, 1992, 50, 69-74.	2.3	9
700	Interleukin-1 produced by tumorigenic fibroblasts influences tumor rejection. International Journal of Cancer, 1992, 50, 443-449.	2.3	26
701	Reduced tumorigenicity of fibrosarcomas which constitutively generate il- $1\hat{1}$ ± either spontaneously or following il- $1\hat{1}$ ± gene transfer. International Journal of Cancer, 1992, 51, 822-830.	2.3	69
702	Plasma cytokine levels in thrombotic thrombocytopenic purpura. American Journal of Hematology, 1992, 40, 167-170.	2.0	50
703	Cytokine expression in the brain during the acquired immunodeficiency syndrome. Annals of Neurology, 1992, 31, 349-360.	2.8	596
704	Expression of interleukin-1 receptor antagonist (IL-1ra) by human circulating polymorphonuclear cells. European Journal of Immunology, 1993, 23, 570-573.	1.6	69
705	Lack of effect of interleukins $1\hat{l}^{\pm}$ and $1\hat{l}^{2}$, during in vitro perifusion, on anterior pituitary release of adrenocorticotropic hormone and \hat{l}^{2} endorphin in the male rat. Journal of Neuroscience Research, 1993, 34, 315-323.	1.3	11
706	Immunologyyesterday. Trends in Immunology, 1993, 14, 232-234.	7.5	15
707	Cytokine-induced tumor immunogenicity: endogenous interleukin- $\hat{1}$ ± expressed by fibrosarcoma cells confers reduced tumorigenicity. Immunology Letters, 1993, 39, 45-52.	1.1	32
708	Inflammatory cells and mediators in the silicone chamber model for nerve regenerationâ [†] . Biomaterials, 1993, 14, 1180-1185.	5.7	29
709	Interleukin-1 receptor antagonist inhibits calcium accumulation in in vivo chronic granuloma induced by potassium permanganate. Calcified Tissue International, 1993, 52, 300-304.	1.5	9
710	Synergistic enhancement by interleukin-1 ? of cisplatin-mediated antitumor activity in RIF-1 tumor-bearing C3H/HeJ mice. Cancer Chemotherapy and Pharmacology, 1993, 32, 339-346.	1.1	13
711	Fever: Causes and consequences. Neuroscience and Biobehavioral Reviews, 1993, 17, 237-269.	2.9	157
712	Recombinant cytokines as immunological adjuvants. Immunology and Cell Biology, 1993, 71, 367-379.	1.0	35

#	ARTICLE	IF	CITATIONS
713	Neutrophil chemotactic factors produced by malignant fibrous histiocytoma cell lines. British Journal of Cancer, 1993, 67, 508-513.	2.9	8
714	Localization of interleukin-1 (IL-1) mRNA-expressing macrophages in human inflamed gingiva and IL-1 activity in gingival crevicular fluid. Journal of Periodontal Research, 1993, 28, 35-42.	1.4	72
715	Biphasic Effects of Interleukin- $\hat{\Pi}$ on Dermal Fibroblasts: Enhancement of Chemotactic Responsiveness at Low Concentrations and of mRNA Expression for Collagenase at High Concentrations. Journal of Investigative Dermatology, 1993, 100, 780-784.	0.3	28
716	Gingival fluid IL-1 and IL-6 levels in refractory periodontitis. Journal of Clinical Periodontology, 1993, 20, 225-231.	2.3	165
717	IL-1 in gingival crevicular fluid following closed root planing and papillary flap debridement. Journal of Clinical Periodontology, 1993, 20, 514-519.	2.3	46
718	Chemical carcinogens increase IL-1alpha and IL-6 gene transcripts in human keratinocytes. Experimental Dermatology, 1993, 2, 84-88.	1.4	1
719	Effects of Interleukinâ€1 and Interleukinâ€2 on Mammary Gland Leukocyte Populations and Histology during the Early Nonlactating Period. Zoonoses and Public Health, 1993, 40, 621-633.	1.4	10
720	Interleukin- $1\hat{l}^2$ measured by radioimmunoassay in the rat spleen and thymus is increased during chronic inflammatory stress. Neuropeptides, 1993, 24, 367-371.	0.9	10
721	Active translocation of platelets into sinusoidal and Disse spaces in the liver in response to lipopolysaccharides, interleukin-1 and tumor necrosis factor. General Pharmacology, 1993, 24, 1039-1053.	0.7	48
722	Reduced production of immunoreactive interleukin-1 by peripheral blood monocytes of patients with acute and chronic viral hepatitis. Digestive Diseases and Sciences, 1993, 38, 477-481.	1.1	17
723	Antitumor effect of interleukin 7 in combination with local hyperthermia in mice bearing B16a melanoma cells. Stem Cells, 1993, 11, 412-421.	1.4	11
724	The ability of polymorphonuclear leukocytes to produce active oxygen in a model of peritonitis in rats. Surgery Today, 1993, 23, 603-608.	0.7	4
725	Independent effects of interleukin 1 on proteoglycan synthesis and proteoglycan breakdown of bovine articular cartilagein vitro. Agents and Actions, 1993 , 39 , $82-90$.	0.7	32
726	Expression and release of interleukin-1 by human glioblastoma cells in vitro and in vivo. Acta Neurochirurgica, 1993, 121, 199-205.	0.9	22
727	Sequential immunotherapy using interleukin-1 followed by interleukin-2 of ascitic MOPC104E-bearing mice. Biotherapy (Dordrecht, Netherlands), 1993, 7, 91-99.	0.7	1
728	In vivo anti inflammatory effects of the M20 IL-1 Inhibitor: I. Effects on acute inflammatory parameters. Biotherapy (Dordrecht, Netherlands), 1993, 6, 263-270.	0.7	4
729	Interleukin-1 modulatory effect on the action of chemotherapeutic drugs and localized irradiation of the lip, duodenum, and tumor. International Journal of Radiation Oncology Biology Physics, 1993, 26, 417-425.	0.4	15
730	Effects of cytokines on HLA class I antigen expression on Huh6 and HB611 cells. Gastroenterologia Japonica, 1993, 28, 242-248.	0.4	3

#	ARTICLE	IF	CITATIONS
731	Different regulatory levels are involved in the generation of hemopoietic cytokines (CSFs and IL-6) in fibroblasts stimulated by inflammatory products. Cytokine, 1993, 5, 47-56.	1.4	31
732	Tyrosine kinase activity is involved in the protein kinase C induced expression ofinterleukin- $1\hat{l}^2$ gene in monocytic cells. FEBS Letters, 1993, 319, 100-104.	1.3	14
733	Interleukin- $1\hat{1}^2$ -induced cytosolic phospholipase A2activity and protein synthesis is blocked by dexamethasone in rat mesangial cells. FEBS Letters, 1993, 333, 339-343.	1.3	47
734	Species differences in [1251]interleukin-1 binding in brain, endocrine and immune tissues. Brain Research, 1993, 623, 172-176.	1.1	25
735	Heterogeneity of type-II interleukin-1 receptors heterogeneity of B-cell interleukin-1 binding created by dimerization of type-II interleukin-1 receptors. Human Immunology, 1993, 36, 128-136.	1.2	2
736	Human chorionic gonadotropin induces interleukin-1 gene expression in rat Ley dig cells in vivo. Molecular and Cellular Endocrinology, 1993, 95, 139-145.	1.6	41
737	Localization of TNF $\hat{l}\pm$ and IL-1a immunoreactivities in striatal neurons after surgical injury to the hippocampus. Neuron, 1993, 10, 213-224.	3.8	171
738	Mononuclear cell-conditioned medium enhances thrombin-stimulated PGI2 production by human umbilical vein endothelial cells in culture. Prostaglandins Leukotrienes and Essential Fatty Acids, 1993, 49, 675-681.	1.0	2
739	Regulation of hyaluronate production by interleukin 1 in cultured human chorionic cells. Biochimica Et Biophysica Acta - General Subjects, 1993, 1158, 91-97.	1.1	6
740	Involvement of protein kinase C in the interleukin $1\hat{l}_{\pm}$ -induced gene expression of matrix metalloproteinases and tissue inhibitor-1 of metalloproteinases (TIMP-1) in human uterine cervical fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 1993, 1220, 57-65.	1.9	32
741	Increased levels of tumor necrosis factor and interleukin 1 in bronchoalveolar lavage fluids from pigs infected with Mycoplasma hyopneumoniae. Veterinary Immunology and Immunopathology, 1993, 38, 253-260.	0.5	86
742	Interleukin-1: Therapeutic Potential for Solid Tumors. Cancer Investigation, 1993, 11, 600-608.	0.6	14
743	The Role of Cytokines in Heat Stroke. Immunological Investigations, 1993, 22, 553-561.	1.0	69
744	Viewpoint: A Potential Role for Platelet Derived Cytokines in the Inflammatory Response. Platelets, 1993, 4, 1-10.	1.1	17
745	Endotoxin-stimulated production of rat hypothalamic interleukin- $1\hat{1}^2$ in vivo and in vitro, measured by specific immunoradiometric assay. Journal of Molecular Endocrinology, 1993, 11, 31-36.	1.1	88
746	Production of interleukin 1 by rat pleural leucocytes in culture after intratracheal instillation of crocidolite asbestos Occupational and Environmental Medicine, 1993, 50, 90-94.	1.3	1
747	Marginal Periodontitis and Cytokines: A Review of the Literature. Journal of Periodontology, 1993, 64, 1013-1022.	1.7	115
748	Interleukin-1 stimulates the aromatase activity of human placental cytotrophoblasts Endocrinology, 1993, 132, 566-570.	1.4	49

#	ARTICLE	IF	Citations
749	Autocrine stimulation of interleukin-1 in the growth of human thyroid carcinoma cell line NIM 1 Journal of Clinical Endocrinology and Metabolism, 1993, 76, 127-133.	1.8	29
750	REACTIVE CHANGES IN LYMPH-NODES DRAINING BREAST-CARCINOMA AND THEIR RELATION TO TUMOR SPREAD. International Journal of Oncology, 1993, 2, 969-76.	1.4	0
751	Effects of Cytokines on the Pituitary–Adrenal Axis in Cancer Patients. Journal of Interferon Research, 1993, 13, 349-357.	1.2	46
752	Quality Control of Protein and Peptide Drugs: Monoclonal Antibodies and some Biological Response Modifiers Derived by Recombinant DNA Technology. Drug Development and Industrial Pharmacy, 1993, 19, 33-84.	0.9	3
753	Acute-Phase Proteins and Levels of Interleukin 1B, Interleukin 6, Tumor Necrosis Factor \hat{l}_{\pm} , and Interleukin 8 in Children With Pertussis. JAMA Pediatrics, 1993, 147, 27.	3.6	4
754	Interleukin-1 $\langle i \rangle \hat{l}^2 \langle i \rangle$ regulation of fibroblast proteoglycan synthesis involves a decrease in versican steady-state mRNA levels. Biochemical Journal, 1993, 294, 613-620.	1.7	31
755	Interleukin-8 Production from Cultured Human Dermal Fibroblasts by Stimulation with Supernatant of Cultured Human Epidermal Cells. Skin Pharmacology and Physiology, 1993, 6, 161-169.	1.1	9
756	Interleukin-1 administration before lethal irradiation and allogeneic bone marrow transplantation: early transient increase of peripheral granulocytes and successful engraftment with accelerated leukocyte, erythrocyte, and platelet recovery. Blood, 1993, 81, 1933-1939.	0.6	19
757	Dioxin-Enhanced Expression of Interleukin- $1\ddot{\imath}_{2}^{1/2}$ in Human Epidermal Keratinocytes: Potential Role in the Modulation of Immune and Inflammatory Responses., 1994, 11, 128-135.		13
758	Serotonin-stimulated aortic endothelial cells secrete a novel T lymphocyte chemotactic and growth factor. Journal of Leukocyte Biology, 1994, 55, 567-573.	1.5	22
759	Neuroendocrine responses to physical trauma. , 1994, , 239-259.		1
760	Glucocorticoids suppress interleukin-1 receptor antagonist synthesis following induction by endotoxin Endocrinology, 1994, 134, 672-677.	1.4	68
761	Long-term viral enhancement of lung response to Saccharopolyspora rectivirgula American Journal of Respiratory and Critical Care Medicine, 1994, 149, 490-494.	2.5	28
762	Growth factor responsiveness and alterations in growth factor homeostasis in Syrian hamster embryo cells during in vitro transformation. Carcinogenesis, 1994, 15, 1203-1209.	1.3	21
763	Influence of interleukin 1 and antihuman interleukin 1 receptor antibody on the growth and function of the thyroid gland in rats. European Journal of Endocrinology, 1994, 131, 531-534.	1.9	3
764	Putative Pathophysiological Interactions of Cytokines and Phagocytic Cells in Severe Human Falciparum Malaria. Clinical Infectious Diseases, 1994, 19, 117-131.	2.9	64
765	Growth suppression and astrocytic differentiation of glioma cells by interleukin-1. Journal of Neurosurgery, 1994, 81, 402-410.	0.9	16
766	Mucosal Inflammation and Asthma. American Journal of Respiratory and Critical Care Medicine, 1994, 150, S18-S22.	2.5	67

#	Article	IF	Citations
767	Smokeless Tobacco Effects on Monocyte Secretion of PGE2and IL- $1\hat{l}^2$. Journal of Periodontology, 1994, 65, 937-941.	1.7	28
768	Suppression of interleukin- $\hat{\Pi}^2$ and tumour necrosis factor- \hat{I}^\pm biosynthesis by cadmium in in vitro activated human peripheral blood mononuclear cells. Archives of Toxicology, 1994, 69, 132-136.	1.9	21
769	Interleukin-1 and related pro-inflammatory cytokines in the treatment of bacterial infections in neutropenic and non-neutropenic animals. Biotherapy (Dordrecht, Netherlands), 1994, 7, 161-167.	0.7	10
770	Cytokines in the treatment of fungal infections. Biotherapy (Dordrecht, Netherlands), 1994, 7, 195-210.	0.7	16
771	Human recombinant interleukin-1 receptor antagonist blocks bone resorption induced by interleukin-1? but not interleukin-1?. Calcified Tissue International, 1994, 55, 12-15.	1.5	12
772	Functional and morphological effects of tumour necrosis factor ? in an interleukin 6-producing pulmonary large cell carcinoma with sarcomatoid features. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 1994, 424, 361-6.	1.4	5
773	Mapping of the regulatory type I? and catalytic ? subunits of cAMP-dependent protein kinase and interleukin 1? and 1? in the pig. Mammalian Genome, 1994, 5, 298-302.	1.0	13
774	4-Deoxypyridoxine inhibits chronic granuloma formation induced by potassium permanganatein vivo. Molecular and Cellular Biochemistry, 1994, 136, 59-63.	1.4	6
775	Disturbances in the production of inteleukin-1 tumor and necrosis factor in disseminated murine sporotrichosis. Mycopathologia, 1994, 127, 189-194.	1.3	59
776	The synergistic antitumor effect of recombinant interleukin-1 and low-dose of cyclophosphamide in tumor-bearing mice. Journal of Surgical Oncology, 1994, 56, 39-45.	0.8	3
777	Cytokine Intervention permits dose escalation of radioantibody. An analysis of myelostimulation by bolus versus continuous infusion of IL-1/GM-CSF. Cancer, 1994, 73, 1083-1092.	2.0	13
778	Resistance to the anti-proliferative effect of IL-1 on human melanoma cell line is associated with endogenous production of IL-1 and IL-6. International Journal of Cancer, 1994, 56, 275-280.	2.3	14
779	Augmented local immunity in the liver by a streptococcal preparation, OK432, related to antitumor activity of hepatic macrophages. Immunopharmacology, 1994, 27, 31-41.	2.0	3
780	Differences in interleukin 1 (IL-1), IL-6, tumor necrosis factor and IL-1 receptor antagonist production by human monocytes stimulated with muramyl dipeptide (MDP) and its stearoyl derivative, romurtide. Immunopharmacology, 1994, 28, 31-38.	2.0	22
781	Up-regulation of cytokine production in alveolar macrophages by histogranin, a novel endogenous pentadecapeptide. Immunology Letters, 1994, 41, 37-42.	1.1	6
782	Acute joint inflammation—Mechanisms and mediators. General Pharmacology, 1994, 25, 1285-1296.	0.7	39
783	Activation of the hypothalamus-pituitary-adrenal axis by bacterial endotoxins: Routes and intermediate signals. Psychoneuroendocrinology, 1994, 19, 209-232.	1.3	268
784	Regulation of macrophage gene expression by T-cell-derived lymphokines., 1994, 63, 235-264.		35

#	Article	IF	CITATIONS
785	Centrally active differentiation factors in the nervous system., 1994, 62, 373-383.		3
786	Suppressive effect of intravenous immunoglobulins on the activity of interleukin-1. Immunologic Research, 1994, 13, 49-55.	1.3	20
787	The induction of specific antitumor immunity by in vivo treatment with interleukin-1 and sonicated tumor extract in a murine model. Surgery Today, 1994, 24, 561-563.	0.7	6
788	Cytokine-mediated gene therapy for cancer. Annals of Surgical Oncology, 1994, 1, 436-450.	0.7	55
789	Interleukin-1beta stimulates collagenase production by cultured human periodontal ligament fibroblasts. Journal of Periodontal Research, 1994, 29, 421-429.	1.4	51
790	An in vivo Study of Hepatic and Splenic Interleukin-l \hat{l}^2 mRNA Expression Following Oral PSK or LEM Administration. Japanese Journal of Cancer Research, 1994, 85, 1298-1303.	1.7	14
791	Quantification of recombinant human interleukin- \hat{l}_{\pm} by a specific two cell immunobioassay. Journal of Immunological Methods, 1994, 168, 9-16.	0.6	2
792	Expression and purification of recombinant ovine interleukin-1β from Escherichia coli. Veterinary Immunology and Immunopathology, 1994, 41, 229-239.	0.5	23
793	Detection of interleukin-6 and prostaglandin E2 in bronchoalveolar lavage fluids of pigs experimentally infected with Mycoplasma hyopneumoniae. Veterinary Immunology and Immunopathology, 1994, 44, 97-102.	0.5	46
794	Immunogenicity of the Escherichia coli fimbrial antigen K99 when expressed by Salmonella enteritidis 11RX. Vaccine, 1994, 12, 1372-1378.	1.7	6
795	Expression of HLA-DR antigen and smooth muscle cell differentiation markers by valvular fibroblasts in degenerative aortic stenosis. Journal of the American College of Cardiology, 1994, 24, 1664-1671.	1.2	95
796	Effect of etodolac on prostaglandin E2 biosynthesis, active oxygen generation and bradykinin formation. Prostaglandins Leukotrienes and Essential Fatty Acids, 1994, 51, 457-462.	1.0	24
797	Invertebrate Cytokines. Annals of the New York Academy of Sciences, 1994, 712, 206-212.	1.8	26
798	Regulation of interleukin-1 receptors and hypothalamic-pituitary-adrenal axis by lipopolysaccharide treatment in the mouse. Brain Research, 1994, 649, 265-270.	1.1	22
799	Comparative production of IL- \hat{l}^2 and IL- \hat{l}^\pm by LPS-stimulated human monocytes: ELISAs measurement revisited. Cytokine, 1994, 6, 111-115.	1.4	16
800	Species-specific binding of IL-1, but not the IL-1 receptor antagonist, by fibroblasts. Cytokine, 1994, 6, 154-161.	1.4	9
801	Selective release of a processed form of interleukin 1î±. Cytokine, 1994, 6, 597-601.	1.4	77
802	Membrane-associated interleukin-1 promotes osteoclast-like cell formation in vitro. Bone and Mineral, 1994, 25, 15-24.	2.0	7

#	Article	IF	CITATIONS
803	Clinical significance of the change of blood monocytic interleukin-1 production in vitro in severely burned patients. Burns, 1994, 20, 302-306.	1.1	10
804	Production of active human interleukin- $1\hat{l}^2$ -converting enzyme in a baculovirus expression system. Gene, 1994, 145, 273-277.	1.0	11
805	Immunomodulators in Bacterial and Fungal Infections. BioDrugs, 1994, 1, 43-55.	0.7	11
806	Cytokines and Metabolic Dysfunction After Severe Head Injury. Journal of Neurotrauma, 1994, 11, 447-472.	1.7	248
807	Synthesis of Immunosuppressive Neoglycoproteins: Bovine Serum Albumin Coupled with 8-(Hydrazino-Carbonyl)Octyl 4- Or 6- <i>O</i> -α-D-Mannopyranosyl-α-D-Mannopyranosyl-Î0-Mannopyranoside. Journal of Carbohydrate Chemistry, 1994, 13, 941-965.	0.4	9
808	Peripheral Blood Corticotropin-Releasing Factor, Adrenocorticotropic Hormone and Cytokine (Interleukin Beta, Interleukin 6, Tumor Necrosis Factor Alpha) Levels after High- and Low-Dose Total-Body Irradiation in Humans. Radiation Research, 1994, 139, 360.	0.7	38
809	Role of cytokines in endometrium and at the fetomaternal interface. Reproductive Medicine Review, 1994, 3, 11-28.	0.3	13
810	Cytokines and the hypothalamic—pituitary—ovarian—endometrial axis. Human Reproduction, 1994, 9, 947-967.	0.4	107
811	Stimulation of the Synthesis of Histamine and Putrescine in Mice by a Peptidoglycan of Gramâ€Positive Bacteria. Microbiology and Immunology, 1994, 38, 209-215.	0.7	12
812	Interleukin $1\hat{l}^2$ inhibits gastric emptying in rats: Mediation through prostaglandin and corticotropin-releasing factor. Gastroenterology, 1994, 106, 1568-1575.	0.6	81
813	Interleukin-8 in chronic renal failure and dialysis patients. Nephrology Dialysis Transplantation, 1994, ,	0.4	23
814	Detection of Interleukin-1 Activity in Human Bladder Cancer Cell Lines. Journal of Urology, 1994, 151, 750-753.	0.2	20
815	S-form LPS induces leukocyte adhesion to human vascular endothelial cells as potent as IL-1: lipid A precursor la antagonizes induction of adhesion by LPS. Journal of Endotoxin Research, 1994, 1, 4-13.	2.5	8
816	Quantitation and Immunocytological Identification of Interleukin-1 in Nasal Polyps from Patients with Chronic Sinusitis. International Archives of Allergy and Immunology, 1994, 104, 155-159.	0.9	15
817	Production of IL-1 and its receptor antagonist is regulated differently by IFN- \hat{I}^3 and IL-4 in human monocytes and alveolar macrophages. European Respiratory Journal, 1994, 7, 657-663.	3.1	37
818	Transfection of Human Melanoma Cells with Type I Interleukin-1 (IL-1) Receptor cDNA Rendered Them IL-1-Responsive and Revealed the Importance of ODC Activity Down-Regulation in IL-1-Induced Growth Inhibition1. Journal of Biochemistry, 1995, 118, 802-809.	0.9	4
819	Permeability Change of Liposomal Membrane Induced by Interleukin- $1\hat{l}\pm1$. Journal of Biochemistry, 1995, 118, 832-835.	0.9	8
820	Characteristics of peripheral blood monocytes and bone marrow macrophages from rats treated with mitomycin C, 5-fluorouracil or phenylhydrazine Journal of Toxicological Sciences, 1995, 20, 1-7.	0.7	26

#	Article	IF	CITATIONS
821	Type I and Type II Interferons Upregulate Functional Type I Interleukin-1 Receptor in a Human Fibroblast Cell Line TIG-1. Journal of Interferon and Cytokine Research, 1995, 15, 1065-1073.	0.5	9
822	Preparation of specific antibodies against murine IL-1ra and the establishment of IL-1ra as an endogenous regulator of bacteria-induced fulminant hepatitis in mice. Journal of Leukocyte Biology, 1995, 58, 90-98.	1.5	75
823	The zinc finger transcription factor EGR-1 impedes interleukin-1-inducible tumor growth arrest. Molecular and Cellular Biology, 1995, 15, 682-692.	1.1	38
824	Low cytokine contamination in buffy coat-derived platelet concentrates without filtration. Transfusion, 1995, 35, 917-920.	0.8	39
825	The gingival crevicular fluid Interleukinâ€1β and tumour necrosis factorâ€Î± levels in patients with rapidly progressive periodontitis. Australian Dental Journal, 1995, 40, 46-49.	0.6	48
826	Hemostatic abnormalities and increased vascular endothelial cell markers in patients with red cell fragmentation syndrome induced by mitomycin C. American Journal of Hematology, 1995, 50, 237-243.	2.0	30
827	Enhanced production of biologically active interleukin- $1\hat{l}_{\pm}$ and interleukin- $1\hat{l}^{2}$ by psoriatic epidermal cellsex vivo: evidence of increased cytosolic interleukin- $1\hat{l}^{2}$ levels and facilitated interleukin-1 release. European Journal of Immunology, 1995, 25, 1624-1630.	1.6	60
828	Receptor-binding properties of the peptides corresponding to the ACTH-like sequence of human pro-interleukin-1 α. Immunology Letters, 1995, 46, 125-128.	1.1	7
829	Potential Activity of Carrageenan to Enhance Antibacterial Host-Defense Systems in Mice. Journal of Infection and Chemotherapy, 1995, 1, 59-63.	0.8	4
830	Production, purification, and crystallization of human interleukinâ€1β converting enzyme derived from an <i>Escherichia coli</i> expression system. Protein Science, 1995, 4, 2149-2155.	3.1	9
831	Effects of Monoclonal Antibodies to Specific Epitopes of Rat Interleukin-1 Beta (IL-I?) on IL-1?-Induced ACTH, Corticosterone and IL-6 Responses in Rats. Journal of Neuroendocrinology, 1995, 7, 255-262.	1.2	8
832	Stimulatory Effect of Interleukin- $\hat{\Pi}$ on Proliferation through a Ca2+/Calmodulindependent Pathway of a Human Thyroid Carcinoma Cell Line, NIM 1. Japanese Journal of Cancer Research, 1995, 86, 670-676.	1.7	14
833	Interleukin-1 (IL-1) bioactivity and inhibition of IL-1 bioactivity in supernatant fluid from cultured microphthalmic (mi) mice teeth of different ages. Journal of Oral Pathology and Medicine, 1995, 24, 365-373.	1.4	5
834	Histology of the periodontal lesion: implications for diagnosis. Periodontology 2000, 1995, 7, 22-38.	6.3	12
835	Hydroxyindole derivatives as inhibitors of IL-1 generation. I. Synthesis and pharmacological activities of (E)-3-(4-hydroxy-5-methoxyindole-7-yl)-2-methylpropenoic acid derivatives. European Journal of Medicinal Chemistry, 1995, 30, 179-189.	2.6	4
836	Controlled release of peptides and proteins from biodegradable polyester microspheres: an approach for treating infectious diseases and malignancies. Reactive & Functional Polymers, 1995, 25, 177-187.	0.8	22
837	Interleukin- $1\hat{1}^2$ (IL- $1\hat{1}^2$) and acute leukemia: In vitro proliferative response to IL- $1\hat{1}^2$, IL- $1\hat{1}^2$ content of leukemic cells and treatment outcome. Leukemia Research, 1995, 19, 35-41.	0.4	11
838	Activated T lymphocytes in epiretinal membranes from eyes of patients with proliferative diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 1995, 233, 21-25.	1.0	35

#	Article	IF	CITATIONS
839	Monoclonal antibody raised against murine IL-1? peptide cross-reacts with a 60-kDa antigen in early Drosophila melanogaster embryo. Cell and Tissue Research, 1995, 282, 269-275.	1.5	1
840	Mechanisms of cytokine production by fibroblasts-implications for normal connective tissue homeostasis and pathological conditions. Folia Microbiologica, 1995, 40, 392-404.	1.1	15
841	Measurement of Proinflammatory Mediator Production by Cultured Keratinocytes. Current Problems in Dermatology, 1995, 23, 230-242.	0.8	4
842	Urinary Interleukin-1 a Levels Are Increased by Intravesical Instillation with Keyhole Limpet Hemocyanin in Patients with Superficial Transitional Cell Carcinoma of the Bladder. European Urology, 1995, 28, 334-339.	0.9	7
843	An Interleukin-1 Binding Region Oligopeptide from the Human Type I IL-1 Receptor Reduces Acute Inflammation, Delayed Hypersensitivity Reaction, and Lethal Endotoxemia in Animals. Journal of Interferon and Cytokine Research, 1995, 15, 1083-1088.	0.5	0
844	Interleukin- $1\hat{l}\pm$ and $-\hat{l}^2$ modulation of luteinized human granulosa cell oestrogen and progesterone biosynthesis. Human Reproduction, 1995, 10, 3206-3210.	0.4	47
845	Serum Levels of Tumor Necrosis Factor- \hat{l}_{\pm} , Interleukin-1, and Interleukin-6 in Hemorrhagic Fever with Renal Syndrome. Viral Immunology, 1995, 8, 75-79.	0.6	39
846	Effect of Recombinant Bovine Interleukin- $\hat{1}^2$ on Viral/Bacterial Pneumonia in Cattle. Journal of Interferon and Cytokine Research, 1995, 15, 431-439.	0.5	15
847	Species-Specific Activity of Rat Recombinant Interleukin- $\hat{1}^2$. Journal of Interferon and Cytokine Research, 1995, 15, 985-992.	0.5	13
848	Evidence for a Dual Effect of Acebutolol, a Beta Blocker, on the Mouse Humoral Immune Response. Immunopharmacology and Immunotoxicology, 1995, 17, 529-550.	1.1	0
849	Antitumor Activity of Interleukin-1Â and Cisplatin in a Murine Model System. JAMA Otolaryngology, 1995, 121, 197-200.	1.5	11
850	Modification of Alveolar Macrophage Function with Bis-Basic Ethers of Fluorene and Fluoren-9-Substituted Derivatives. Experimental Lung Research, 1995, 21, 771-790.	0.5	1
851	Interleukin- $1\hat{l}^2$ in Pleural Fluids of Different Etiologies. Chest, 1995, 108, 942-945.	0.4	36
852	Immunology of the Lung in HIV-Infected Individuals. Seminars in Respiratory and Critical Care Medicine, 1995, 16, 161-172.	0.8	7
853	Fluorescence Resonance Energy Transfer Reveals Interleukin (IL)-1-dependent Aggregation of IL-1 Type I Receptors That Correlates with Receptor Activation. Journal of Biological Chemistry, 1995, 270, 27562-27568.	1.6	50
854	Characteristic Cytokines Generated by Keratinocytes and Mononuclear Infiltrates in Oral Lichen Planus. Journal of Investigative Dermatology, 1995, 104, 784-788.	0.3	107
855	Levels of Interleukinâ€1β and Interleukinâ€8 in Gingival Crevicular Fluids in Adult Periodontitis. Journal of Periodontology, 1995, 66, 852-859.	1.7	241
856	Modulatory effects of [Met5]-enkephalin on interleukin- $\hat{\Pi}^2$ secretion from microglia in mixed brain cell cultures. Journal of Neuroimmunology, 1995, 62, 9-17.	1.1	41

#	Article	IF	CITATIONS
857	Study of stimulation-secretion coupling in a flow culture system: periodic secretion of hepatocyte growth factor by interleukin-1 \hat{l}_{\pm} -stimulated human embryonic lung fibroblasts. Biochimica Et Biophysica Acta - General Subjects, 1995, 1244, 357-362.	1.1	4
858	A preliminary exploration of the relationship between Tumour Necrosis Factor (TNF) and monocytic in vitro production of interleukin-1 (IL-1) and internal organ dysfunction in severely burned patients. Burns, 1995, 21, 29-33.	1.1	15
859	Modulation of interleukin-1 receptos in the neuro-endocrine-immune axis. International Journal of Developmental Neuroscience, 1995, 13, 167-178.	0.7	11
860	Fibronectin attachment is permissive for IL-1 mediated gene regulation. FEBS Letters, 1995, 367, 93-97.	1.3	24
861	Roles of the phosphorylation of human interleukin $\hat{11}$ in proteolytic processing. FEBS Letters, 1995, 371, 149-153.	1.3	2
862	Increased specific IgE production in lungs after the induction of acute stress in ratsa~†a~†a~†a~a~a~ Journal of Allergy and Clinical Immunology, 1995, 95, 765-770.	1.5	39
863	Interleukin-1 Receptors in the Brain-Endocrine-Immune Axis Annals of the New York Academy of Sciences, 1995, 771, 372-385.	1.8	7
864	Cytokine profiles for human \hat{V}^{39} + T cells stimulated by <i>Plasmodium falciparum</i> Inmunology, 1995, 17, 413-423.	0.7	71
865	Endotoxin-induced appearance of immunoreactive interleukin- $1\hat{l}^2$ in ramified microglia in rat brain: A light and electron microscopic study. Neuroscience, 1995, 65, 815-826.	1.1	190
866	Macrophages and Inflammatory Mediators in Tissue Injury. Annual Review of Pharmacology and Toxicology, 1995, 35, 655-677.	4.2	582
867	A Preliminary Study on Interleukin-8 Detection During Grass or Ragweed Nasal Provocation. Pediatric Asthma, Allergy and Immunology, 1995, 9, 63-70.	0.2	4
868	Effects of macrophage depletion on the induction of histidine decarboxylase by lipopolysaccharide, interleukin 1 and tumour necrosis factor. British Journal of Pharmacology, 1995, 114, 187-193.	2.7	67
869	Biologic control of the tumor necrosis factor and interleukin-1 signaling cascade. American Journal of Kidney Diseases, 1995, 25, 954-966.	2.1	34
870	Interleukin-I immunoreactive nerves in heterotopic bone induced by DBM. Bone, 1995, 17, 341-345.	1.4	6
871	Acute stress affects cytokines and nitric oxide production by alveolar macrophages differently American Journal of Respiratory and Critical Care Medicine, 1995, 152, 619-624.	2.5	81
872	Synthesis of interleukin-1, interleukin-6, and basic fibroblast growth factor by human cataract lens epithelial cells. Journal of Cataract and Refractive Surgery, 1996, 22, 852-858.	0.7	44
873	Update on cytokines. Journal of Allergy and Clinical Immunology, 1996, 97, 719-733.	1.5	151
874	Use of a serum-free reconstituted epidermis as a skin pharmacological model. Toxicology in Vitro, 1996, 10, 305-313.	1.1	28

#	Article	IF	Citations
875	Suppressive effect of bronchoalveolar lavage fluid from pigs infected with Mycoplasma hyopneumoniae on chemiluminescence of porcine peripheral neutrophils. Veterinary Immunology and Immunopathology, 1996, 51, 325-331.	0.5	24
876	Rat homolog of mouse interleukin-1 receptor accessory protein: cloning, localization and modulation studies. Journal of Neuroimmunology, 1996, 66, 41-48.	1.1	61
877	JUXTACRINE STIMULATION OF CYTOKINE PRODUCTION IN COCULTURES OF HUMAN DERMAL FIBROBLASTS AND T CELLS. Cytokine, 1996, 8, 631-635.	1.4	24
878	Bacterial endotoxin-induced gene expression in the choroid plexus and paraventricular and supraoptic hypothalamic nuclei of the sheep. Molecular Brain Research, 1996, 43, 41-50.	2.5	23
879	Keratinocytes and Cytokine/Growth Factors. Critical Reviews in Oral Biology and Medicine, 1996, 7, 300-318.	4.4	97
880	THE ANEMIA OF INFLAMMATION. Pediatric Clinics of North America, 1996, 43, 623-637.	0.9	42
881	Expression of interleukin-1 in human pheochromocytoma. Journal of Endocrinological Investigation, 1996, 19, 693-698.	1.8	14
882	Transactivation of the interleukin-1alpha promoter by human T-cell leukemia virus type I and type II Tax proteins. Blood, 1996, 87, 3410-3417.	0.6	158
883	Cytokine Production during Hemodialysis: Effects of Dialytic Membrane and Complement Activation. American Journal of Nephrology, 1996, 16, 293-299.	1.4	34
884	Megakaryocyte-Related Interleukins in Reactive Thrombocytosis versus Autonomous Thrombocythemia. Acta Haematologica, 1996, 95, 107-111.	0.7	32
885	Role of Calcium in Tumor Necrosis Factor-Â Production by Activated Macrophages. Journal of Biochemistry, 1996, 120, 1190-1195.	0.9	94
886	Effect of amiodarone on cytokine release and on enzyme activities of mouse alveolar macrophages, bone marrow macrophages, and blood monocytes Journal of Toxicological Sciences, 1996, 21, 125-134.	0.7	13
887	IL- $1\hat{l}^2$ and TNF- \hat{l}_{\pm} produced by peripheral blood mononuclear cells before and during interferon therapy in patients with chronic hepatitis C. Digestive Diseases and Sciences, 1996, 41, 315-321.	1.1	50
888	Induction of IFN- \hat{l}^3 and IL-1 \hat{l} ± production in macrophages stimulated with phosphopolysaccharide produced by Lactococcus lactis ssp. cremoris. International Journal of Food Microbiology, 1996, 31, 99-106.	2.1	86
889	Cytokine gene-modified vaccines in the therapy of cancer. , 1996, 69, 1-14.		29
890	The dynamics of inflammatory cytokines in the healing process of mouse skin wound: A preliminary study for possible wound age determination. International Journal of Legal Medicine, 1996, 108, 231-236.	1.2	170
891	Antitumor effects of human recombinant interleukin- \hat{l} ± and etoposide against human tumor cells: mechanism for synergismin vitro and activityin vivo. Biotherapy (Dordrecht, Netherlands), 1996, 9, 199-208.	0.7	5
892	Interleukin-1beta Induces Nuclear Factor kappa B in Epithelial Cells Independently of the Production of Reactive Oxygen Intermediates. FEBS Journal, 1996, 242, 544-549.	0.2	70

#	Article	IF	CITATIONS
893	Coâ€expression of TNFα and ILâ€1β in human acute pulmonary fibrotic diseases: An immunohistochemical analysis. Pathology International, 1996, 46, 91-99.	0.6	104
894	Biocompatibility of biomaterials: hemocompatibility, immunocompatiblity and biocompatibility of solid polymeric materials and soluble targetable polymeric carriers. Advanced Drug Delivery Reviews, 1996, 21, 157-176.	6.6	146
895	A new model of active specific immunotherapy using interleukin-1 and sonicated tumor supernatant in murine tumor system., 1996, 62, 78-85.		5
896	Synthesis and antinociceptive activity of peptides related to interleukin-1β193–195 Lys-Pro-Thr. , 1996, 40, 479-484.		4
897	Fu-ling, a chinese herbal drug, modulates cytokine secretion by human peripheral blood monocytes. International Journal of Immunopharmacology, 1996, 18, 37-44.	1.1	44
898	Effect of orally administered heat-killed Enterococcus faecalis FK-23 preparation on neutropenia in dogs treated with cyclophosphamide. International Journal of Immunopharmacology, 1996, 18, 103-112.	1.1	9
899	Hydroxyindole derivatives as inhibitors of IL-1 generation. II. Synthesis and pharmacological activities of (E)-3-(7-hydroxy-6-methoxyindole-4-yl)-2-methylpropenoic acid derivatives. European Journal of Medicinal Chemistry, 1996, 31, 187-198.	2.6	3
900	Human recombinant interleukin- $1\hat{l}^2$ induces thromboxane A2 release in polymorphonuclear leukocytes, macrophages and platelets: Effect of IL-1 receptor antagonist. Molecular and Cellular Biochemistry, 1996, 159, 163-168.	1.4	13
901	Interleukin-1 receptor antagonist and interleukin-4 in gingival crevicular fluid of patients with inflammatory periodontal disease. Journal of Oral Pathology and Medicine, 1996, 25, 449-455.	1.4	40
902	Interleukin-1 Mediates Induction of Tolerance to Global Ischemia in Gerbil Hippocampal CA1 Neurons. Journal of Cerebral Blood Flow and Metabolism, 1996, 16, 1137-1142.	2.4	196
903	Ultraviolet B Irradiation-Enhanced Interleukin (IL)-6 Production and mRNA Expression Are Mediated by IL-1 \hat{l} ± in Cultured Human Keratinocytes. Journal of Investigative Dermatology, 1996, 106, 715-720.	0.3	76
904	Characterization of a Defense Complex Consisting of Interleukin 1 and Phenol Oxidase from the Hemolymph of the Tobacco Hornworm, Manduca sexta. Journal of Biological Chemistry, 1996, 271, 11035-11038.	1.6	37
905	Cytokines and immuno-endocrine factors in recurrent miscarriage. Human Reproduction Update, 1996, 2, 469-481.	5.2	55
906	Sinusoidal Lining Cells and Hepatotoxicity. Toxicologic Pathology, 1996, 24, 112-118.	0.9	31
907	D-mannose Dimer Introduced Human Recombinant Interleukin- $1\hat{l}_{\pm}$, NEO IL- $1\hat{l}_{\pm}$, Exhibits Altered Tissue Distribution in Mice. Journal of Interferon and Cytokine Research, 1996, 16, 333-336.	0.5	13
908	Cloning and Characterization of an Alternatively Processed Human Type II Interleukin-1 Receptor mRNA. Journal of Biological Chemistry, 1996, 271, 20965-20972.	1.6	72
909	Expression of interleukin-1 beta (IL-1beta) and interleukin-1 receptor antagonist (IL-1ra) on asthmatic bronchial epithelium American Journal of Respiratory and Critical Care Medicine, 1996, 154, 1061-1066.	2.5	120
910	Inhibition of lipopolysaccharide-induced monocyte interleukin-1 receptor antagonist synthesis by cortisol: involvement of the mineralocorticoid receptor Journal of Clinical Endocrinology and Metabolism, 1996, 81, 73-79.	1.8	28

#	Article	IF	CITATIONS
911	CD1a+ and CD1a- accessory cells from human bronchoalveolar lavage differ in allostimulatory potential and cytokine production American Journal of Respiratory Cell and Molecular Biology, 1996, 15, 752-759.	1.4	32
912	Increased Expression of Interleukinâ€1 Receptors on Fibroblasts Derived From Inflamed Gingiva. Journal of Periodontology, 1996, 67, 1267-1273.	1.7	15
913	Alveolar macrophages autoregulate IL-1 and IL-6 production by endogenous nitric oxide American Journal of Respiratory Cell and Molecular Biology, 1996, 14, 272-278.	1.4	47
914	A Negative Regulatory Region Containing a Glucocorticosteroid Response Element (nGRE) in the Human Interleukin- $1\hat{1}^2$ Gene. DNA and Cell Biology, 1997, 16, 145-152.	0.9	68
915	Interleukin-1-induced Growth Inhibition of Human Melanoma Cells. Journal of Biological Chemistry, 1997, 272, 3376-3383.	1.6	31
916	p38 Mitogen-activated Protein Kinase Down-regulates Nitric Oxide and Up-regulates Prostaglandin E2 Biosynthesis Stimulated by Interleukin-1β. Journal of Biological Chemistry, 1997, 272, 8083-8089.	1.6	167
917	Effect of inhaled glucocorticoids on IL-1 beta and IL-1 receptor antagonist (IL-1 ra) expression in asthmatic bronchial epithelium. Thorax, 1997, 52, 407-410.	2.7	37
918	Characterization of Ascidian Plasma Growth Factors Promoting the Proliferation of Mouse Thymocytes. Zoological Science, 1997, 14, 271-276.	0.3	4
919	Interleukin-1 receptors. Biomembranes: A Multi-Volume Treatise, 1997, 6, 147-175.	0.1	0
920	Glycosaminoglycan Metabolism and Cytokine Release in Normal and Otosclerotic Human Bone Cells Interleukin-1 Treated. Connective Tissue Research, 1997, 36, 231-240.	1.1	27
921	Phase 1 Trial of Recombinant Human Interleukin- $1\hat{l}^2$ (rhIL- $1\hat{l}^2$), Carboplatin, and Etoposide in Patients with Solid Cancers: Southwest Oncology Group Study 8940. Cancer Investigation, 1997, 15, 403-410.	0.6	34
922	Factors Affecting IL-1-Mediated Collagen Metabolism By Fibroblasts and the Pathogenesis of Periodontal Disease: A Review of the Literature. Critical Reviews in Oral Biology and Medicine, 1997, 8, 217-236.	4.4	58
924	Role of circulating endotoxin and interleukin-6 in the ACTH and corticosterone response to intraperitoneal LPS. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1997, 273, R1870-R1877.	0.9	61
925	Effects of Continuous Infusion of Interleukin $1\hat{l}^2$ on Corticotropin-Releasing Hormone (CRH), CRH Receptors, Proopiomelanocortin Gene Expression and Secretion of Corticotropin, \hat{l}^2 -Endorphin and Corticosterone. Neuroendocrinology, 1997, 65, 53-63.	1.2	30
926	Human CD8 responder cells can be directly activated to proliferate and to produce ILâ€⊋ following stimulation by allogeneic, but not by xenogeneic, porcine blood mononuclear cells. Xenotransplantation, 1997, 4, 95-102.	1.6	6
927	Gingival crevicular interleukin-1 and interleukin-1 receptor antagonist levels in periodontally healthy and diseased sites. Journal of Periodontal Research, 1997, 32, 524-529.	1.4	134
928	The effects of interleukin-1 and prostaglandin E 2 on accumulation of collagen and steady-state levels of $prole 1(l)$ collagen messenger RNA in experimental granulation tissue in rats. Archives of Dermatological Research, 1997, 289, 219-223.	1.1	8
929	Effect of subchronic 2,3,7,8-tetrachlorodibenzo- p -dioxin exposure on immune system and target gene responses in mice: calculation of benchmark doses for CYP1A1 and CYP1A2 related enzyme activities. Archives of Toxicology, 1997, 71, 372-382.	1.9	40

#	Article	IF	CITATIONS
930	Biologically active, alternatively processed interleukin- \hat{l}^2 in psoriatic scales. European Journal of Immunology, 1997, 27, 2165-2171.	1.6	31
931	Interleukin-1 receptor (IL-1R) liquid formulation development using differential scanning calorimetry. Pharmaceutical Research, 1998, 15, 200-208.	1.7	119
932	Induction of histidine decarboxylase in skeletal muscle in mice by electrical stimulation, prolonged walking and interleukin-1. Journal of Physiology, 1998, 509, 587-598.	1.3	46
933	IL-1/IL-3 gene therapy of non-small cell lung cancer (NSCLC) in rats using â€~cracked' adenoproducer cells. Gene Therapy, 1998, 5, 778-788.	2.3	17
934	Induction by interleukin- $\hat{1}^2$ peptide of prostaglandin E2 formation via enhanced prostaglandin H synthase-2 expression in 3T6 fibroblasts. Biochemical Pharmacology, 1998, 56, 759-761.	2.0	4
935	The Th1 and Th2 cytokines IFN- \hat{l}^3 and IL-4 antagonize the inhibition of monocyte IL-1 receptor antagonist by glucocorticoids: involvement of IL-1. European Journal of Immunology, 1998, 28, 2075-2085.	1.6	17
936	Flow cytometric analysis of IL-6 receptors on peripheral lymphocytes in patients with primary biliary cirrhosis., 1998, 12, 83-87.		2
937	Suppressive effect of ethanol on the expression of hepatic asialoglycoprotein receptors augmented by interleukin- $1\hat{l}^2$, interleukin-6, and tumor necrosis factor- $\hat{l}\pm$. Journal of Gastroenterology, 1998, 33, 855-859.	2.3	9
938	Effect of single and multiple cold stimuli on nonspecific resistance of rats. Bulletin of Experimental Biology and Medicine, 1998, 125, 547-549.	0.3	0
939	Effects of macrophage migration inhibitory factor and macrophage migration stimulatory factor on function and survival of foetal dopaminergic grafts in the 6-hydroxydopamine rat model of Parkinson′s disease. Experimental Brain Research, 1998, 120, 95-103.	0.7	13
940	Mercury-induced autoimmunity in Brown Norway rats: kinetics of changes in RT6+ T lymphocytes correlated with IgG isotypes of circulating autoantibodies to laminin 1. Toxicology, 1998, 125, 215-231.	2.0	13
941	Interleukin-1 receptors: cloning studies and role in central nervous system disorders1Published on the World Wide Web on 24 October 1997.1. Brain Research Reviews, 1998, 26, 306-319.	9.1	58
942	Development of periradicular lesions in immunosuppressed rats. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 1998, 85, 720-725.	1.6	9
943	Association Between Oxidative Stress and Cytokine Production in Nickel-Treated Rats. Archives of Biochemistry and Biophysics, 1998, 356, 127-132.	1.4	88
944	A chicken homolog of mammalian interleukin-1beta: cDNA cloning and purification of active recombinant protein. FEBS Journal, 1998, 258, 994-1000.	0.2	142
945	Keratinocyte Growth Factor and its Receptor Messenger RNA Expression in Nasal Mucosa and Nasal Polyps. Annals of Otology, Rhinology and Laryngology, 1998, 107, 885-890.	0.6	15
946	Cytokine Expression in Periodontal Health and Disease. Critical Reviews in Oral Biology and Medicine, 1998, 9, 248-266.	4.4	466
947	The Effects of Ginseng Radix Rubra on Human Vascular Endothelial Cells. The American Journal of Chinese Medicine, 1998, 26, 365-373.	1.5	22

#	Article	IF	CITATIONS
948	Characterization of a Second Transcription Initiation Element (STIE) in the Human Interleukin-1 Beta (IL- $1\hat{1}^2$) Gene. DNA and Cell Biology, 1998, 17, 19-25.	0.9	2
949	The G1-phase Growth-arresting Action of Interleukin-1 Is Independent of p53 and p21/WAF1 Function. Journal of Biological Chemistry, 1998, 273, 30517-30523.	1.6	17
950	The Relationship Between Concentrations of Proinflammatory Cytokines Within Gingiva and the Adjacent Sulcular Depth. Journal of Periodontology, 1998, 69, 865-871.	1.7	67
951	Effects of a New Topic Amikacin Formulation on Chemotaxis and Release of Profibrotic Factors by Human Monocytes. Chemotherapy, 1998, 44, 397-404.	0.8	3
952	Interleukin 1 and its Receptors., 1998,, 1429-1435.		1
953	Suppressed PHA activation of T lymphocytes in simulated microgravity is restored by direct activation of protein kinase C. Journal of Leukocyte Biology, 1998, 63, 550-562.	1.5	92
954	Lipopolysaccharide Activates Caspase-1 (Interleukin-1–Converting Enzyme) in Cultured Monocytic and Endothelial Cells. Blood, 1998, 91, 577-584.	0.6	149
956	Macrokines invertebrate cytokine-like molecules. Frontiers in Bioscience - Landmark, 1998, 3, d559-569.	3.0	30
957	The Number of Interleukin 1 Receptors on Lung Fibroblasts in Patients with Idiopathic Pulmonary Fibrosis. Respiration, 1999, 66, 236-241.	1.2	3
958	The Destructive Action of IL- $1\hat{l}$ ± and IL- $1\hat{l}^2$ in IDDM is a Multistage Process: Evidence and Confirmation by Apoptotic Studies, Induction of Intermediates and Electron Microscopy. Mediators of Inflammation, 1999, 8, 85-91.	1.4	16
959	Mass spectrometric characterisation of an interleukin-1α-like polypeptide induced in keratinocytes by skin irritants. International Journal of Mass Spectrometry, 1999, 188, 7-15.	0.7	1
960	ldentification of a coelomic mitogenic factor in Eisenia foetida earthworm. Immunology Letters, 1999, 65, 203-211.	1.1	18
961	Overexpression of IL-1ra gene up-regulates interleukin- $1\hat{l}^2$ converting enzyme (ICE) gene expression: Possible mechanism underlying IL- $1\hat{l}^2$ -resistance of cancer cells. British Journal of Cancer, 1999, 81, 277-286.	2.9	8
962	Pathophysiological Role of the Cytokine Network in the Anterior Pituitary Gland. Frontiers in Neuroendocrinology, 1999, 20, 71-95.	2.5	141
963	Suppressive Effect of Prostaglandin E1 on Pulmonary Hypertension Induced by Monocrotaline in Rats. Lung, 1999, 177, 77-88.	1.4	20
964	Immunohistochemical and morphometrical study on the temporal expression of interleukin- \hat{l} ± (IL- \hat{l} ±) in human skin wounds for forensic wound age determination. International Journal of Legal Medicine, 1999, 112, 249-252.	1.2	67
965	Bioactive fragment of human interleukin-1 b (163-171) modulates the immune response to synthetic peptides of RESA of Plasmodium falciparum. Medical Microbiology and Immunology, 1999, 187, 165-171.	2.6	3
966	Effect of Hochu-ekki-to (TJ-41), a Japanese herbal medicine, on the survival of mice infected with influenza virus. Antiviral Research, 1999, 44, 103-111.	1.9	69

#	Article	IF	Citations
967	Time-dependent effects of stressor application on metastasis of tumor cells in the lung and its regulation by an immunomodulator in mice. Psychoneuroendocrinology, 1999, 24, 713-726.	1.3	14
968	Calpain and Its Role in Arthritis. , 1999, , 134-141.		0
969	Possible Involvement of Histamine in Muscular Fatigue in Temporomandibular Disorders: Animal and Human Studies. Journal of Dental Research, 1999, 78, 769-775.	2.5	28
970	Acute Intrahippocampal Injection of Human Interleukin- $1\hat{l}^2$ Stimulates the Anterior Pituitary POMC Transcription and Increases Plasma Levels of ACTH and Corticosterone in the Male Rat. Neuroendocrinology, 1999, 69, 77-87.	1.2	14
971	Contribution of Inflammatory Cytokine Release to Activation of Resident Peritoneal Macrophages after in vivo Low-dose \hat{l}^3 -irradiation. Journal of Radiation Research, 1999, 40, 253-262.	0.8	36
972	Increased expression of mRNA encoding interleukin-1? and caspase-1, and the secreted isoform of interleukin-1 receptor antagonist in the rat brain following systemic kainic acid administration., 2000, 60, 266-279.		67
973	Androgenetic alopecia and microinflammation. International Journal of Dermatology, 2000, 39, 576-584.	0.5	154
974	Synergistic enhancement of collagenous protein synthesis by human gingival fibroblasts exposed to nifedipine and interleukin-1-beta in vitro. Journal of Oral Pathology and Medicine, 2000, 29, 8-12.	1.4	21
975	Effects of recombinant interleukin 1b on oxygen consumption in the Muscovy duck embryo (Cairina) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
976	Characterization of an IL-1 Receptor from Asterias forbesi Coelomocytes. Cellular Immunology, 2000, 203, 66-73.	1.4	13
977	Interleukin $1\hat{l}_{\pm}$ Activity of Peritoneal and Bone Marrow Macrophages Infected with Leishmania major and Leishmania donovani in Vitro. Experimental Parasitology, 2000, 94, 150-157.	0.5	15
978	Cloning, sequencing, and analysis of expression of a second IL-1 \hat{l}^2 gene in rainbow trout (Oncorhynchus mykiss). Immunogenetics, 2000, 51, 1002-1011.	1.2	98
979	The expression of mRNA of proinflammatory cytokines during skin wound healing in mice: a preliminary study for forensic wound age estimation (II). International Journal of Legal Medicine, 2000, 113, 140-145.	1.2	100
980	Effect of Orchidectomy on the Age-Related Modulation of IL- $\hat{1}^2$ and IL-1 Receptors following Lipopolysaccharide Treatment in the Mouse. NeuroImmunoModulation, 2000, 8, 13-19.	0.9	5
981	Role of cytokines in the pathogenesis of posterior capsule opacification. British Journal of Ophthalmology, 2000, 84, 332-336.	2.1	97
983	New immunopharmacologic approaches to asthma: Role of cytokine antagonism. Journal of Allergy and Clinical Immunology, 2000, 105, S586-S592.	1.5	10
984	Neutrophil-associated activation markers in healthy smokers relates to a fall in DLCOand to emphysematous changes on high resolution CT. Respiratory Medicine, 2001, 95, 363-373.	1.3	84
985	Nitric oxide production by coelomocytes of Asterias forbesi. Developmental and Comparative Immunology, 2001, 25, 1-10.	1.0	29

#	Article	IF	CITATIONS
986	BIOLOGIC RESPONSE MODIFIERS IN PEDRIATIC CANCER. Hematology/Oncology Clinics of North America, 2001, 15, 723-740.	0.9	12
987	Competition of IL-1 and IL-1ra determines lymphocyte response to delayed stimulation with PHA. Mediators of Inflammation, 2001, 10, 101-107.	1.4	12
988	Silica and its Antagonistic Effects on Transforming Growth Factor- \hat{l}^2 in Lung Fibroblast Extracellular Matrix Production. Journal of Investigative Medicine, 2001, 49, 146-156.	0.7	25
989	Interleukinâ€1β is an autocrine growth factor of rat glomerular epithelial cells in culture. Nephrology Dialysis Transplantation, 2001, 16, 1149-1155.	0.4	7
990	Competition of IL-1 and IL-1ra determines lymphocyte response to delayed stimulation with PHA. Mediators of Inflammation, 2001, 10, 101-107.	1.4	6
991	Cellular and cytokine immunoregulation in patients with chronic obstructive pulmonary disease and bronchial asthma. Mediators of Inflammation, 2002, 11, 307-312.	1.4	56
992	THE PRESENCE OF CYTOKINE (IL-8, IL- $1\hat{1}^{\pm}$, IL- $1\hat{1}^{2}$)-PRODUCING CELLS IN INFLAMED GINGIVAL TISSUE FROM A PATIENT MANIFESTING PAPILLON-LEFEVRE SYNDROME (PLS). Cytokine, 2002, 18, 121-126.	1.4	6
993	Evolution of interleukin- $1\hat{l}^2$. Cytokine and Growth Factor Reviews, 2002, 13, 483-502.	3.2	237
994	Evolution of the acute phase response: iron release by echinoderm (Asterias forbesi) coelomocytes, and cloning of an echinoderm ferritin molecule. Developmental and Comparative Immunology, 2002, 26, 11-26.	1.0	128
995	Interleukinâ€6 Production by Schwann Cells and Induction in Sciatic Nerve Injury. Journal of Neurochemistry, 1995, 64, 850-858.	2.1	230
996	Radioprotection by whole body hyperthermia: possible mechanism(s). Journal of Thermal Biology, 2002, 27, 29-37.	1.1	6
997	IL- $1\hat{1}^2$ -dependent neurological effects of the whole cell pertussis vaccine: a role for IL-1-associated signalling components in vaccine reactogenicity. Journal of Neuroimmunology, 2003, 136, 25-33.	1.1	17
998	Synthesis and structure–activity relationships of 5-phenylthiophenecarboxylic acid derivatives as antirheumatic agents. Bioorganic and Medicinal Chemistry, 2003, 11, 4729-4742.	1.4	15
999	Peptide-based analysis of the amino acid sequence important to the immunoregulatory function of Trypanosoma cruzi Tc52 virulence factor. Immunology, 2003, 109, 147-155.	2.0	27
1000	Immunotropic Effects in Cultured Human Blood Mononuclear Cells Preâ€exposed to Lowâ€Level 1300 MHz Pulseâ€Modulated Microwave Field. Electromagnetic Biology and Medicine, 2003, 22, 1-13.	0.7	18
1001	The interleukin-1 system and female reproduction. Journal of Endocrinology, 2004, 180, 203-212.	1.2	139
1002	Proinflammatory interleukin-1 cytokines increase mesangial cell hexokinase activity and hexokinase II isoform abundance. American Journal of Physiology - Cell Physiology, 2004, 287, C548-C557.	2.1	18
1003	Effects of scaling and root planing on the amounts of interleukin-1 and interleukin-1 receptor antagonist and the mRNA expression of interleukin-1 beta in gingival crevicular fluid and gingival tissues. Journal of Periodontal Research, 2004, 39, 158-167.	1.4	45

#	Article	IF	CITATIONS
1004	Competition between IL-1, IL-1ra and TGF- i_2i_2 1 modulates the response of the ELA4.NOB-1/CTLL bioassay: Implications for clinical investigations. Inflammation Research, 2004, 53, 60-65.	1.6	4
1005	Effects of exogenous interleukinâ€1β on primary sporocysts of <i>Schistosoma mansoni</i> (Trematoda) incubated with plasma and hemocytes from schistosomeâ€susceptible and resistant <i>Biomphalaria glabrata</i> (Gastropoda). Invertebrate Biology, 2001, 120, 365-371.	0.3	1
1006	Presence of a Cytoplasmic Retention Sequence within the Human Interleukin- $1\hat{l}_{\pm}$ Precursor. Zoological Science, 2005, 22, 891-896.	0.3	2
1007	Effects of Oral Bacterial Immunotherapy in Children with Atopic Eczema/Dermatitis Syndrome. BioDrugs, 2005, 19, 393-399.	2.2	9
1008	Development and application of a radioimmunoassay to detect interleukin-1 in rat peripheral circulation. American Journal of Physiology - Endocrinology and Metabolism, 2006, 263, E1092-E1098.	1.8	6
1009	Effect of nickel on the activation state of normal human keratinocytes through interleukin 1 and intercellular adhesion molecule 1 expression. British Journal of Dermatology, 1994, 131, 250-256.	1.4	36
1010	Post-infectious irritable bowel syndrome. Current Gastroenterology Reports, 2006, 8, 327-332.	1.1	30
1011	Tissue Kallikrein mK13 Is a Candidate Processing Enzyme for the Precursor of Interleukin- \hat{l}^2 in the Submandibular Gland of Mice. Journal of Biological Chemistry, 2006, 281, 7968-7976.	1.6	31
1012	Effects of periodontopathic bacteria on ILâ€1 and ILâ€1 inhibitor production by human polymorphonuclear neutrophils. Oral Microbiology and Immunology, 1989, 4, 193-198.	2.8	15
1013	Association between interleukin-1 gene polymorphisms and Helicobacter pylori infection in gastric carcinogenesis in a Chinese population. Journal of Gastroenterology and Hepatology (Australia), 2007, 22, 234-239.	1.4	48
1014	Chronic oral administration of dexamethasone to rats increases cytotoxicity, but not interleukin-1 elaboration, by alveolar macrophages. Clinical and Experimental Immunology, 2008, 82, 157-162.	1.1	3
1015	Anti-IL- \hat{l} ± autoantibodies in patients with rheumatic diseases and in healthy subjects. Clinical and Experimental Immunology, 2008, 85, 407-412.	1.1	32
1016	Inhibitory effect of $11\hat{1}^2$ -hydroxypregna-l,4-diene-3,20-dione ($\hat{1}$ "HOP) on lymphocyte proliferation. Clinical and Experimental Immunology, 2008, 86, 311-314.	1.1	5
1017	Cytokine receptors: structure and signal transduction. Clinical and Experimental Immunology, 2008, 90, 161-169.	1.1	52
1018	High frequency of spontaneous interferon-gamma-producing cells in human tonsils: role of local accessory cells and soluble factors. Clinical and Experimental Immunology, 2008, 91, 157-163.	1.1	19
1019	Human recombinant IL-1 receptor antagonist (IL-IRa) inhibits leukotriene B4 generation from human monocyte suspensions stimulated by lipopolysaccharide (LPS). Clinical and Experimental Immunology, 2008, 91, 526-531.	1.1	15
1020	Decreased interleukin 1 production in aplastic anaemia. British Journal of Haematology, 1989, 71, 431-436.	1.2	43
1021	Endotoxinâ€stimulated peritoneal macrophages obtained from continuous ambulatory peritoneal dialysis patients show an increased capacity to release interleukinâ€1β <i>in vitro</i> during infectious peritonitis. European Journal of Clinical Investigation, 1990, 20, 453-457.	1.7	54

#	Article	IF	CITATIONS
1022	The Role of Interleukinâ€6 as the Hepatocyte Stimulating Factor in the Network of Inflammatory Cytokines ^a . Annals of the New York Academy of Sciences, 1989, 557, 1-8.	1.8	73
1023	IFNβ2/BSF2/ILâ€6 Is the Monocyteâ€derived HSF That Regulates Receptorâ€specific Acute Phase Gene Regulation in Hepatocytes ^a . Annals of the New York Academy of Sciences, 1989, 557, 46-59.	1.8	85
1024	Determination of the contributions of individual aromatic residues to the CD spectrum of IL-l \hat{l}^2 using site directed mutagenesis. International Journal of Peptide and Protein Research, 2009, 33, 256-262.	0.1	21
1025	Effector Functions of Macrophages. Acta Medica Scandinavica, 1987, 221, 131-138.	0.0	9
1026	Interleukinâ€1 and tumor necrosis factor production in acute nonâ€lymphoid leukemia. European Journal of Haematology, 1989, 42, 16-23.	1.1	14
1027	Leucopoiesis versus concentration of cytokines in diffusion chamber cultures of mouse bone marrow cells: Clues to the physiological roles of growth factors. European Journal of Haematology, 1989, 42, 38-49.	1.1	3
1028	The biology of macrophages: II Inflammation and tumors. European Journal of Haematology, 1994, 52, 1-12.	1.1	29
1029	Interleukinâ€4 inhibits the production of interleukinâ€1 by adult Tâ€cell leukemia cells. European Journal of Haematology, 1995, 55, 121-125.	1.1	9
1030	Does Interleukin-1 affect intracellular calcium in osteoblast-like cells (UMR-106)?. Journal of Bone and Mineral Research, 1988, 3, 107-112.	3.1	16
1031	Induction of Endogenous Cytokines in Ascites of Patients with Ovarian Cancer by OKâ€432, A Streptococcal Preparation. Asia-Oceania Journal of Obstetrics and Gynaecology, 1989, 15, 281-289.	0.0	4
1032	Changes in Acute-Phase Proteins and Cytokines in Serum and Milk Whey from Dairy Cows with Naturally Occurring Peracute Mastitis Caused by Klebsiella pneumoniae and the Relationship to Clinical Outcome. Journal of Veterinary Medical Science, 2011, 73, 1399-1404.	0.3	16
1033	Prime role of bone IL-1 in mice may lie in emergency Ca2+-supply to soft tissues, not in bone-remodeling. International Immunopharmacology, 2012, 14, 658-664.	1.7	8
1034	Selective localization of bone marrow-derived ramified cells in the brain adjacent to the attachments of choroid plexus. Brain, Behavior, and Immunity, 2013, 29, 82-97.	2.0	24
1035	Identification of novel interleukin 1 beta family genes in Japanese flounder Paralichthys olivaceus. Fish and Shellfish Immunology, 2013, 34, 393-396.	1.6	41
1036	Cytokine Secretion from Human Monocytes Potentiated by P-Selectin-Mediated Cell Adhesion. International Archives of Allergy and Immunology, 2013, 160, 152-160.	0.9	44
1037	Prompt Analgesic Effect of Antihistaminic Diphenhydramine Ointment on Bone-Joint-Muscle Pain as Assessed by Skin Impedance. Pharmacology, 2013, 92, 158-166.	0.9	7
1038	Aged complement factor H knockout mice kept in a clean barriered environment have reduced retinal pathology. Experimental Eye Research, 2016, 149, 116-125.	1.2	10
1039	Vertebrate Cytokines and Their Evolution. , 2016, , 87-150.		29

#	Article	IF	CITATIONS
1040	Early tissue reaction in the tension zone of PDL during orthodontic tooth movement. Archives of Oral Biology, 2016, 65, 17-25.	0.8	29
1041	Platelets Mediate Host Defense against <i>Staphylococcus aureus</i> through Direct Bactericidal Activity and by Enhancing Macrophage Activities. Journal of Immunology, 2017, 198, 344-351.	0.4	74
1042	Histological Architecture Underlying Brain–Immune Cell–Cell Interactions and the Cerebral Response to Systemic Inflammation. Frontiers in Immunology, 2017, 8, 17.	2.2	24
1043	Effect of Dietary Acidolysis-Oxidized Konjac Glucomannan Supplementation on Serum Immune Parameters and Intestinal Immune-Related Gene Expression of Schizothorax prenanti. International Journal of Molecular Sciences, 2017, 18, 2558.	1.8	9
1044	Molecular characterization and expression analysis of the interleukin 1b gene in Pacific cod (Gadus) Tj ETQq0 0 C	rgBT /Ove	erlock 10 Tf 5
1045	IL-1 in osteoarthritis: time for a critical review of the literature. F1000Research, 2019, 8, 934.	0.8	94
1046	Principles of neuroanatomical architecture supporting brain–immune cell–cell interactions. Clinical and Experimental Neuroimmunology, 2020, 11, 5-15.	0.5	2
1047	An overview of cytokine used as adjuvants in fish: current state and future trends. Reviews in Aquaculture, 2021, 13, 996-1014.	4.6	14
1048	Growth Factors and Cytokines in Chronic Pancreatitis. , 1999, , 155-165.		2
1049	Interleukin-1 in the Acute Phase Response. The Argenteuil Symposia, 1989, , 1-20.	0.1	4
1050	Biological Activity of Placental Protein 14. , 1988, , 135-144.		2
1051	The Autoimmune Hypothesis of Insulin-Dependent Diabetes: 1965 to the Present. E&M Endocrinology and Metabolism, 1990, , 1-28.	0.1	4
1052	Endothelial Activation. , 1988, , 335-347.		33
1053	Cytokines and Human Malignant Melanoma Immuno- and Growth-Regulatory Peptides in Melanoma Biology. Cancer Treatment and Research, 1991, 54, 41-66.	0.2	8
1054	The Pharmacology of microbial Modulation in the Induction and Expression of Immune Reactivities. , 1990, , 159-272.		4
1055	Interleukin-1 Receptors in the Nervous System. Neuroscience Intelligence Unit, 1996, , 21-40.	0.5	5
1056	Interleukin-1., 1988,, 75-95.		3
1057	Immunosuppression by Bovine Herpesvirus 1 and Other Selected Herpesviruses. Infectious Agents and Pathogenesis, 1989 , , 141 - 171 .	0.1	7

#	Article	IF	CITATIONS
1058	Neuroendocrinology of Interleukin-1. Advances in Experimental Medicine and Biology, 1990, 274, 303-314.	0.8	19
1060	Glial Activation as a Common Denominator in Neurodegenerative Disease: A Hypothesis in Neuropathophysiology., 1993,, 359-381.		4
1061	The natural polyamines and the immune system. , 1994, 43, 87-141.		51
1062	Keratinocyte growth factor as a cytokine that mediates mesenchymal-epithelial interaction. Exs, 1995, 74, 191-214.	1.4	70
1063	Cytokines, Cytokine Receptors and Cytokine Antibodies: Clinical Implications., 1997,, 238-248.		1
1064	Cytokines in Relation to Inflammatory Skin Disease. Handbook of Experimental Pharmacology, 1989, , 271-286.	0.9	1
1065	Interactions Between Hematopoietic Growth Factors: The Clinical Role of Combination Biotherapy. Hamatologie Und Bluttransfusion, 1989, 32, 11-21.	0.0	1
1066	Coordinate Actions of Hematopoietic Growth Factors in Stimulation of Bone Marrow Function. Handbook of Experimental Pharmacology, 1990, , 299-344.	0.9	6
1067	Immunomodulating Effects of Interferons: Conclusions for Therapy. , 1990, , 379-391.		3
1068	Evidence for Invertebrate Inflammatory Cytokines. Advances in Comparative and Environmental Physiology, 1996, , 29-47.	0.5	3
1069	Epidermal Cytokines. , 1988, 151, 665-671.		7
1070	Tumor Necrosis Factor and Other Cytokines in Septic Syndrome. Update in Intensive Care and Emergency Medicine, 1994, , 107-121.	0.6	2
1072	Cytokine therapy. Cancer Biology and Medicine, 1990, , 127-159.	0.1	3
1073	Viral Infections and Chronic Arthritis. New Clinical Applications Rheumatology, 1989, , 53-83.	0.5	1
1074	New steroidal anti-inflammatory drugs. Inflammation and Drug Therapy Series, 1989, , 153-186.	0.2	4
1077	Recombinant Cytokines and their Therapeutic Value in Veterinary Medicine. , 1989, , 63-106.		9
1078	Cell-Cell Contact- and Cytokine-controlled B Lymphocyte Responses and their Potential Influences in Hematopoiesis., 1989,, 73-80.		2
1079	Structure and Function of Murine and Human IL-1 Receptors. , 1990, , 137-172.		5

#	Article	IF	CITATIONS
1080	Interleukin 1 Receptors in the Brain–Endocrine–Immune Axis. Methods in Neurosciences, 1993, , 29-42.	0.5	1
1081	Introduction to Cytokine Receptors: Structure and Signal Transduction. International Review of Experimental Pathology, 1993, 34 Pt B, 105-121.	0.2	4
1082	Immunoregulatory Factors Secreted by Astrocytes and Glioblastoma Cells., 1987,, 91-121.		19
1083	Granulosa Cells as Hormone Targets: The Role of Biologically Active Follicle-Stimulating Hormone in Reproduction., 1989, 45, 209-277.		58
1084	Nonparenchymal Cells, Inflammatory Mediators, and Hepatotoxicity. , 1994, , 301-320.		3
1085	The Crystal Structure of Human Interleukin-1α., 1990,, 351-358.		2
1086	Cooperative interaction of nuclear factor-kappa B- and cis-regulatory enhancer binding protein-like factor binding elements in activating the interleukin-8 gene by pro-inflammatory cytokines Journal of Biological Chemistry, 1990, 265, 21128-21133.	1.6	571
1087	Interleukin-1-inducible expression of gro-beta via NF-kappa B activation is dependent upon tyrosine kinase signaling Journal of Biological Chemistry, 1993, 268, 18018-18029.	1.6	56
1088	Interleukin 1 increases stability and transcription of mRNA encoding nerve growth factor in cultured rat fibroblasts Journal of Biological Chemistry, 1988, 263, 16348-16351.	1.6	230
1089	Biological activity and receptor binding of human prointerleukin-1 beta and subpeptides Journal of Biological Chemistry, 1988, 263, 16372-16378.	1.6	55
1090	Murine interleukin 1 receptor. Direct identification by ligand blotting and purification to homogeneity of an interleukin 1 -binding glycoprotein Journal of Biological Chemistry, 1988 , 263 , 12063 - 12069 .	1.6	44
1091	Interleukin-1-inducible tumor growth arrest is characterized by activation of cell type-specific "early― gene expression programs Journal of Biological Chemistry, 1992, 267, 6240-6248.	1.6	32
1092	Induction of an interleukin-1 receptor (IL-1R) on monocytic cells. Evidence that the receptor is not encoded by a T cell-type IL-1R mRNA Journal of Biological Chemistry, 1990, 265, 22499-22505.	1.6	77
1093	A biochemical and kinetic analysis of the interleukin-1 receptor. Evidence for differences in molecular properties of IL-1 receptors Journal of Biological Chemistry, 1987, 262, 16275-16278.	1.6	116
1094	Antimitogenic and mitogenic actions of interleukin-1 in diverse cell types are associated with induction of gro gene expression. Journal of Biological Chemistry, 1991, 266, 2415-2422.	1.6	38
1095	Independent binding of interleukin-1 alpha and interleukin-1 beta to type I and type II interleukin-1 receptors Journal of Biological Chemistry, 1993, 268, 2513-2524.	1.6	88
1096	Interleukin-1 represents a new modality for the activation of extracellular signal-regulated kinases/microtubule-associated protein-2 kinases Journal of Biological Chemistry, 1991, 266, 22661-22670.	1.6	96
1097	Cyclic adenosine 3â€~,5â€~-monophosphate suppresses interleukin 1-induced synthesis of matrix metalloproteinases but not of tissue inhibitor of metalloproteinases in human uterine cervical fibroblasts Journal of Biological Chemistry, 1991, 266, 19894-19899.	1.6	36

#	Article	IF	CITATIONS
1098	The interleukin-1 receptor binds the human interleukin-1 alpha precursor but not the interleukin-1 beta precursor Journal of Biological Chemistry, 1987, 262, 2941-2944.	1.6	293
1099	The kinetics of interleukin 1 secretion from activated monocytes. Differences between interleukin 1 alpha and interleukin 1 beta Journal of Biological Chemistry, 1988, 263, 8473-8479.	1.6	217
1100	Induction of alpha 1-acid glycoprotein by recombinant human interleukin-1 in rat hepatoma cells Journal of Biological Chemistry, 1988, 263, 7141-7146.	1.6	46
1101	Affinity purification and chemical analysis of the interleukin-1 receptor Journal of Biological Chemistry, 1988, 263, 2870-2877.	1.6	77
1102	Substrate specificity of the protease that processes human interleukin-1 beta Journal of Biological Chemistry, 1990, 265, 14526-14528.	1.6	139
1103	A Pre-aspartate-specific Protease from Human Leukocytes That Cleaves Pro-interleukin-1 \hat{l}^2 . Journal of Biological Chemistry, 1989, 264, 5323-5326.	1.6	155
1104	Identification of $\hat{l}\pm 2$ -Macroglobulin as a Cytokine Binding Plasma Protein. Journal of Biological Chemistry, 1989, 264, 5818-5825.	1.6	162
1105	Purification and Characterization of Human Recombinant Precursor Interleukin 1 \hat{l}^2 . Journal of Biological Chemistry, 1989, 264, 1689-1693.	1.6	54
1106	Mapping of neutralizing epitopes and the receptor binding site of human interleukin 1 beta. Journal of Biological Chemistry, 1993, 268, 9771-9779.	1.6	25
1107	Secretion of N-glycosylated interleukin-1 beta in Saccharomyces cerevisiae using a leader peptide from Candida albicans. Effect of N-linked glycosylation on biological activity. Journal of Biological Chemistry, 1991, 266, 15348-15355.	1.6	48
1108	Interleukin 1 and tumor necrosis factor activate common multiple protein kinases in human fibroblasts. Journal of Biological Chemistry, 1991, 266, 14343-14352.	1.6	150
1109	Interleukin-1 enhances the response of osteoblasts to platelet-derived growth factor through the alpha receptor-specific up-regulation. Journal of Biological Chemistry, 1991, 266, 10143-10147.	1.6	55
1110	Identification of key residues in the amino-terminal third of human interleukin-1 alpha Journal of Biological Chemistry, 1990, 265, 13000-13006.	1.6	20
1111	Structure and function of the intracellular portion of the mouse interleukin 1 receptor (type I). Determining the essential region for transducing signals to activate the interleukin 8 gene. Journal of Biological Chemistry, 1993, 268, 13510-13518.	1.6	47
1112	Heterogeneity in interleukin (IL)-1 receptors expressed on human B cell lines. Differences in the molecular properties of IL-1 alpha and IL-1 beta binding sites Journal of Biological Chemistry, 1990, 265, 9943-9951.	1.6	40
1113	A point mutation uncouples human interleukin-1 beta biological activity and receptor binding Journal of Biological Chemistry, 1990, 265, 5922-5925.	1.6	70
1114	Processing of precursor interleukin 1 beta and inflammatory disease Journal of Biological Chemistry, 1990, 265, 6318-6322.	1.6	186
1115	Interleukin-1 signal transduction. Increased GTP binding and hydrolysis in membranes of a murine thymoma line (EL4) Journal of Biological Chemistry, 1990, 265, 3146-3152.	1.6	64

#	Article	IF	Citations
1116	Site-specific chemical modification of interleukin-1 beta by acrylodan at cysteine 8 and lysine 103 Journal of Biological Chemistry, 1992, 267, 3122-3128.	1.6	23
1117	Nuclear targeting of prothymosin alpha. Journal of Biological Chemistry, 1991, 266, 3916-3924.	1.6	118
1118	Crystallization and preliminary x-ray diffraction studies of recombinant human interleukin-1 beta Journal of Biological Chemistry, 1987, 262, 13724-13725.	1.6	13
1119	Generation of biologically active interleukin-1 beta by proteolytic cleavage of the inactive precursor Journal of Biological Chemistry, 1988, 263, 9437-9442.	1.6	329
1120	Biotinylation of reactive amino groups in native recombinant human interleukin- $1\hat{l}^2$. Journal of Biological Chemistry, 1989, 264, 17691-17697.	1.6	24
1121	Platelet-derived growth factor induces interleukin-1 receptor gene expression in Balb/c 3T3 fibroblasts. Journal of Biological Chemistry, 1989, 264, 21442-21445.	1.6	31
1122	Structure-function mapping of interleukin 1 precursors. Cleavage leads to a conformational change in the mature protein Journal of Biological Chemistry, 1991, 266, 7081-7086.	1.6	61
1123	Recombinant murine interleukin-1 alpha enhancement of nonspecific antibacterial resistance. Infection and Immunity, 1987, 55, 2061-2065.	1.0	124
1124	Production of an interleukin-1 inhibitor by cell line P388D1 murine macrophages stimulated with Haemophilus actinomycetemcomitans lipopolysaccharide. Infection and Immunity, 1988, 56, 2801-2807.	1.0	18
1125	Suppression of murine macrophage interleukin-1 release by the polysaccharide portion of Haemophilus actinomycetemcomitans lipopolysaccharide. Infection and Immunity, 1988, 56, 619-625.	1.0	41
1126	Enhancement of antibacterial resistance of neutropenic, bone marrow-suppressed mice by interleukin-1 alpha. Infection and Immunity, 1989, 57, 48-54.	1.0	54
1127	Efficacy of interleukin-1 beta against systemic Candida albicans infections in normal and immunosuppressed mice. Infection and Immunity, 1989, 57, 3257-3258.	1.0	37
1128	Brucella abortus regulates bovine macrophage-T-cell interaction by major histocompatibility complex class II and interleukin-1 expression. Infection and Immunity, 1989, 57, 1151-1157.	1.0	25
1129	Chlamydia trachomatis-induced production of interleukin-1 by human monocytes. Infection and Immunity, 1989, 57, 2705-2711.	1.0	90
1130	Cytokine induction by lipopolysaccharide (LPS) corresponds to lethal toxicity and is inhibited by nontoxic Rhodobacter capsulatus LPS. Infection and Immunity, 1990, 58, 3743-3750.	1.0	166
1131	Interleukin-1-induced promotion of T-cell differentiation in mice immunized with killed Listeria monocytogenes. Infection and Immunity, 1990, 58, 3973-3979.	1.0	39
1132	Regulation of Mycobacterium bovis BCG and foreign body granulomas in mice by the Bcg gene. Infection and Immunity, 1990, 58, 1210-1216.	1.0	26
1133	Difference in the induction of macrophage interleukin-1 production between viable and killed cells of Listeria monocytogenes. Infection and Immunity, 1990, 58, 1254-1260.	1.0	72

#	Article	IF	CITATIONS
1134	Partial characterization of an interleukin-1-like factor in human gingival crevicular fluid from patients with chronic inflammatory periodontal disease. Infection and Immunity, 1990, 58, 2621-2627.	1.0	39
1135	Murine macrophage interleukin-1 release by capsularlike serotype-specific polysaccharide antigens of Actinobacillus actinomycetemcomitans. Infection and Immunity, 1991, 59, 18-23.	1.0	64
1136	Cytokine response by human monocytes to Clostridium difficile toxin A and toxin B. Infection and Immunity, 1991, 59, 3659-3666.	1.0	155
1137	An interleukin-1 inhibitor in gingival crevicular fluid of patients with chronic inflammatory periodontal disease. Infection and Immunity, 1991, 59, 4271-4274.	1.0	10
1138	Antibody-mediated enhancement of Legionella pneumophila-induced interleukin 1 activity. Infection and Immunity, 1993, 61, 4027-4032.	1.0	10
1139	Priming of human monocytes for enhanced lipopolysaccharide responses: expression of alpha interferon, interferon regulatory factors, and tumor necrosis factor. Infection and Immunity, 1993, 61, 3222-3227.	1.0	61
1140	Mouse interleukin-1 receptor antagonist induced by Actinobacillus actinomycetemcomitans lipopolysaccharide blocks the effects of interleukin-1 on bone resorption and osteoclast-like cell formation. Infection and Immunity, 1994, 62, 390-397.	1.0	44
1141	Actinobacillus actinomycetemcomitans serotype b-specific polysaccharide antigen stimulates production of chemotactic factors and inflammatory cytokines by human monocytes. Infection and Immunity, 1996, 64, 2563-2570.	1.0	31
1142	Development and application of a radioimmunoassay to detect interleukin-1 in rat peripheral circulation. American Journal of Physiology - Endocrinology and Metabolism, 1992, 263, E1092-E1098.	1.8	9
1143	Hematopoietic growth factors upregulate the p65 type II interleukin-1 receptor on bone marrow progenitor cells in vitro. Blood, 1992, 80, 600-608.	0.6	15
1144	Lipopolysaccharide Activates Caspase-1 (Interleukin-1–Converting Enzyme) in Cultured Monocytic and Endothelial Cells. Blood, 1998, 91, 577-584.	0.6	17
1145	The Influence of Flunixin on the Response to Salmonella typhimurium Endotoxin in Calves. Acta Veterinaria Scandinavica, 1989, 30, 295-300.	0.5	20
1146	Undetectable Interleukin (IL)-10 and Persistent IL-8 Expression Early in Hyaline Membrane Disease: A Possible Developmental Basis for the Predisposition to Chronic Lung Inflammation in Preterm Newborns. Pediatric Research, 1996, 39, 966-975.	1.1	234
1147	Growth control of primary culture hepatocytes by nonparenchymal liver cells. Role of interferon produced by liver sinusoidal cells Nippon Medical School Journal, 1994, 61, 120-128.	0.1	2
1148	THE SYSTEMIC INFLAMMATORY RESPONSE SYNDROME RELATED TO THE RELEASE OF CYTOKINES FOLLOWING SEVERE ENVENOMATION. Journal of Venomous Animals and Toxins Including Tropical Diseases, 1999, 5, 5-33.	1.0	48
1149	Interleukin-1-induced alterations in glomerular proteoglycans. Journal of the American Society of Nephrology: JASN, 1992, 3, 203-213.	3.0	7
1150	In vivo and in vitro analysis of membranes from hip prostheses inserted without cement Journal of Bone and Joint Surgery - Series A, 1994, 76, 172-180.	1.4	115
1151	Production of interleukinl from peripheral monocytes in patients with Kawasaki disease Japanese Journal of Clinical Immunology, 1988, 11, 137-147.	0.0	2

#	Article	IF	Citations
1153	Structure-function relationship in the IL-1 family. Frontiers in Bioscience - Landmark, 1996, 1, d270-308.	3.0	54
1154	Macrophage responses to Toxoplasma antigens in vitro: a possible role in inflammatory lesions in toxoplasmosis American Journal of Tropical Medicine and Hygiene, 1999, 61, 272-279.	0.6	4
1155	An increase in weight worsens the respiratory state and leads to intensive care unit re-admission. Indian Journal of Critical Care Medicine, 2007, 11, 176-181.	0.3	0
1156	Interferons: Cytokines in Autoimmunity. Novartis Foundation Symposium, 1987, 129, 223-233.	1.2	3
1157	Regulation of Cell Growth by Interferon and Tumor Necrosis Factor. , 1987, , 125-136.		0
1158	Interleukin 1 Induces Tyrosine Phosphorylation in Plasma Membranes of the Tumor Cell Lines K 562 and BW 5147., 1987,, 357-361.		0
1159	B Cell Activation. , 1987, , 143-160.		0
1160	Immune Response to Mycobacteria. Infectious Agents and Pathogenesis, 1988, , 81-98.	0.1	1
1161	Die Bedeutung von Immundefekten in der Pathogenese der Osteomyelitis und m $\tilde{A}\P$ gliche Ansatzpunkte einer adjuvanten immunologischen Therapie. , 1988, , 55-66.		0
1162	B lymphocyte activation and differentiation. , 1988, , 174-183.		0
1163	Development and use of a immunoassay for human interleukin-1 Ensho, 1988, 8, 409-414.	0.0	2
1164	Immunoregulation in Epidermis: Glucocorticoids Induced Epidermal Cell Derived Inhibitor of Interleukin 1 Activity. Advances in Experimental Medicine and Biology, 1988, 237, 833-837.	0.8	0
1165	Peptide Mediators of Inflammation. , 1988, , 67-73.		0
1166	Eicosanoid Regulation of Macrophage In Vitro Cytostatic Function Towards Tumour Cells. , 1988, , 23-27.		0
1167	Muramyl Dipeptides. Handbook of Experimental Pharmacology, 1988, , 503-516.	0.9	1
1168	The role of cysteine residues in human interleukin- $1\hat{l}^2$. , 1988, , 396-398.		2
1169	Immunologische Faktoren. , 1988, , 277-294.		0
1170	Immunologic Functions of Macrophages. , 1989, , 91-101.		0

#	Article	IF	CITATIONS
1171	Genetic Markers for Oncogenes, Growth Factors, and Cystic Fibrosis. Hamatologie Und Bluttransfusion, 1989, 32, 360-365.	0.0	0
1172	The effects of immunoglobulin preparations on human monocyte IL-1 production Japanese Journal of Clinical Immunology, 1989, 12, 647-652.	0.0	0
1173	Mechanism of induction of fever by TGP-3 (recombinant human interleukin 2). Possible involvement of interleukin 1.BETA Ensho, 1989, 9, 391-395.	0.0	0
1174	Receptor-mediated activation of phospholipase A2. Progress in Cell Research, 1990, , 13-19.	0.3	0
1175	ANALYSIS OF ACTIVATED T CELLS IN PERIPHERAL BLOOD OF PATIENTS WITH SCLERODERMA BY TWO-COLOR FLOW CYTOMETRY. The KITAKANTO Medical Journal, 1990, 40, 161-168.	0.0	0
1176	Interleukin-1.ALPHA. and interleukin-1.BETA. induction-capacity of endotoxin from periodontopathic bacteria in human peripheral monocytes and human gingival fibroblasts Journal of Japanese Society of Periodontology, 1990, 32, 729-742.	0.1	2
1178	Blood Level of IL- $1\hat{1}^2$ in Disseminated Intravascular Coagulation and Thrombotic Thrombocytopenic Purpura. Japanese Journal of Thrombosis and Hemostasis, 1990, 1, 489-495.	0.1	0
1179	Growth Factor Modulation of Gonadotropin Action on Porcine Granulosa Cells., 1990,, 93-101.		O
1180	Zytokine und Hautkrankheiten. Fortschritte Der Praktischen Dermatologie Und Venerologie, 1990, , 403-410.	0.0	0
1181	A Role for Protein Kinase C Activity in Interleukin-1 (IL-1) Induction of IL-2 Gene Expression but Not in IL-1 Signal Transduction. Molecular and Cellular Biology, 1990, 10, 2731-2737.	1.1	5
1182	Binding of recombinant interleukin-1 beta to the third complement component and alpha 2-macroglobulin after activation of serum by immune complexes. Blood, 1990, 75, 2388-2395.	0.6	16
1183	Transcriptional Activation of the Human Cytotoxic Serine Protease Gene CSP-B in T Lymphocytes. Molecular and Cellular Biology, 1990, 10, 5655-5662.	1.1	10
1184	Control of interleukin-1 beta expression by protein kinase C and cyclic adenosine monophosphate in myeloid leukemia cells. Blood, 1990, 76, 2198-2203.	0.6	5
1185	Substrate specificity of the protease that processes human interleukin-1 $ ilde{A}\ddot{Y}$., 1991, , 797-798.		1
1186	NF-AB, a liver-specific and cytokine-inducible nuclear factor that interacts with the interleukin-1 response element of the rat alpha 1-acid glycoprotein gene. Molecular and Cellular Biology, 1991, 11, 3001-3008.	1.1	7
1187	Interleukins. , 1992, , 71-91.		0
1188	Endothelial Cells and Dendritic Cells in Rheumatoid Inflammation. , 1992, , 71-90.		0
1189	Accessory Cells. , 1992, , 15-29.		0

#	Article	IF	Citations
1190	Acute-Phase Response and Amyloid. , 1992, , 328-347.		0
1191	The role of histopathology in the diagnosis and prognosis of periodontal diseases. Journal of Clinical Pharmacy and Therapeutics, 1992, 17, 673-684.	0.7	O
1192	Determining Role and Sources of Endogenous Interleukin 1 in Pituitary–Adrenal Activation in Response to Stressful and Inflammatory Stimuli. Methods in Neurosciences, 1993, 16, 211-231.	0.5	0
1193	Systemic Cytokine Response to Strenuous Exercise. , 1993, , 719-724.		0
1194	Interleukin-1 and Tumor Necrosis Factor Production in Acute Nonlymphoid Leukemia., 1993,, 95-100.		0
1195	Identification, Autoradiographic Localization, and Modulation of Interleukin 1 Receptors in Brain–Endocrine–Immune Axis: Methodology and Overview. Methods in Neurosciences, 1993, 16, 128-154.	0.5	0
1196	Study on cytokines produced by cystic tissues in the jaw Nihon Koku Geka Gakkai Zasshi, 1993, 39, 353-366.	0.0	0
1197	Interleukin-1 and related pro-inflammatory cytokines in the treatment of bacterial infections in neutropenic and non-neutropenic animals., 1994,, 161-167.		1
1198	Cytokines in the treatment of fungal infections. , 1994, , 195-210.		0
1199	Phagocytic function and production of colony-stimulating factor of peripheral mononuclear cells in the elderly. Okayama Igakkai Zasshi, 1994, 106, 211-221.	0.0	0
1200	Effects of Immunomodulators and Protease Inhibitors on Fever. , 1994, , 23-27.		1
1201	IL 2 Activity and Dialysable Suppressive Factor in Chicken Lymphocyte Culture Medium Nihon Kakin Gakkaishi = Japanese Poultry Science, 1994, 31, 254-261.	0.3	0
1202	Lyme Arthritis: Pathogenetic Principles Emerging from Studies in Man and Mouse., 1994,, 205-229.		1
1205	IL-1α Enhancement of Platinum-Mediated Anti-Tumor Activity. , 1996, , 239-251.		0
1206	Centrally-active differentiation factors in the nervous system. , 1996, , 251-264.		0
1207	Cytokines and Their Receptors in the Peri-implantation Endometrium. , 1997, , 103-122.		0
1208	Lymphokines and Cytokines. , 1998, , 211-265.		2
1209	Growth and Maturation Factors in Cancer. , 1998, , 387-422.		0

#	Article	IF	CITATIONS
1210	Cytokine production in chronic hemodialysis patients Nihon Toseki Igakkai Zasshi, 1998, 31, 197-202.	0.2	0
1213	Interleukin-1 receptor-like proteins synthesized by translation, in vitro, of immunopurified polysomal messenger RNA Journal of Biological Chemistry, 1988, 263, 16414-16420.	1.6	2
1214	The Activation of T Lymphocytes. Rheumatic Disease Clinics of North America, 1987, 13, 411-430.	0.8	7
1215	Interleukin 1 and cyclic AMP induce kappa immunoglobulin light-chain expression via activation of an NF-kappa B-like DNA-binding protein. Molecular and Cellular Biology, 1989, 9, 959-964.	1.1	88
1217	Interleukin-1 accelerates murine granulocyte recovery following treatment with cyclophosphamide. Blood, 1989, 73, 938-944.	0.6	15
1218	Differential action of cycloheximide and activation stimuli on transcription of tumor necrosis factor-alpha, IL-1 beta, IL-8, and P53 genes in human monocytes Journal of Immunology, 1993, 150, 4958-4965.	0.4	19
1219	Local and General Effects of <i>Salmonella typhimuHum</i> Endotoxin in Calves. Transboundary and Emerging Diseases, 1988, 35, 586-595.	0.6	8