

# John A Hamilton

## List of Publications by Year in descending order

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224  
papers

19,022  
citations

18436

62  
h-index

13727

129  
g-index

224  
all docs

224  
docs citations

224  
times ranked

26054  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. <i>Immunity</i> , 2014, 41, 14-20.	6.6	4,638
2	Colony-stimulating factors in inflammation and autoimmunity. <i>Nature Reviews Immunology</i> , 2008, 8, 533-544.	10.6	1,111
3	Granulocyte-Macrophage Colony-Stimulating Factor (CSF) and Macrophage CSF-Dependent Macrophage Phenotypes Display Differences in Cytokine Profiles and Transcription Factor Activities: Implications for CSF Blockade in Inflammation. <i>Journal of Immunology</i> , 2007, 178, 5245-5252.	0.4	514
4	Defining GM-CSF and Macrophage-CSF-Dependent Macrophage Responses by In Vitro Models. <i>Journal of Immunology</i> , 2012, 188, 5752-5765.	0.4	429
5	Granulocyte Macrophage Colony-Stimulating Factor. <i>Journal of Experimental Medicine</i> , 2001, 194, 873-882.	4.2	390
6	GM-CSF in inflammation and autoimmunity. <i>Trends in Immunology</i> , 2002, 23, 403-408.	2.9	307
7	N2 Neutrophils, Novel Players in Brain Inflammation After Stroke. <i>Stroke</i> , 2013, 44, 3498-3508.	1.0	284
8	Colony stimulating factors and myeloid cell biology in health and disease. <i>Trends in Immunology</i> , 2013, 34, 81-89.	2.9	241
9	GM-CSF- and M-CSF-dependent macrophage phenotypes display differential dependence on Type I interferon signaling. <i>Journal of Leukocyte Biology</i> , 2009, 86, 411-421.	1.5	240
10	Therapeutic options for targeting inflammatory osteoarthritis pain. <i>Nature Reviews Rheumatology</i> , 2019, 15, 355-363.	3.5	227
11	The TGF- $\beta$ superfamily cytokine, MIC-1/GDF15: A pleiotropic cytokine with roles in inflammation, cancer and metabolism. <i>Growth Factors</i> , 2011, 29, 187-195.	0.5	214
12	Macrophage spatial heterogeneity in gastric cancer defined by multiplex immunohistochemistry. <i>Nature Communications</i> , 2019, 10, 3928.	5.8	210
13	Collagen-induced arthritis in C57BL/6 (H-2b) mice: new insights into an important disease model of rheumatoid arthritis. <i>European Journal of Immunology</i> , 2000, 30, 1568-1575.	1.6	203
14	Mini Review GM-CSF Biology. <i>Growth Factors</i> , 2004, 22, 225-231.	0.5	197
15	The dynamics of macrophage lineage populations in inflammatory and autoimmune diseases. <i>Arthritis and Rheumatism</i> , 2009, 60, 1210-1221.	6.7	188
16	CSF-1 signal transduction. <i>Journal of Leukocyte Biology</i> , 1997, 62, 145-155.	1.5	185
17	Neutrophils: important contributors to tumor progression and metastasis. <i>Cancer and Metastasis Reviews</i> , 2015, 34, 735-751.	2.7	185
18	The interferon in TLR signaling: more than just antiviral. <i>Trends in Immunology</i> , 2003, 24, 534-539.	2.9	181

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19	Functions of Granulocyte-Macrophage Colony-Stimulating Factor. <i>Critical Reviews in Immunology</i> , 2005, 25, 405-428.	1.0	179
20	GM-CSF-based treatments in COVID-19: reconciling opposing therapeutic approaches. <i>Nature Reviews Immunology</i> , 2020, 20, 507-514.	10.6	174
21	GM-CSF in inflammation. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	172
22	Blockade of collagen-induced arthritis post-onset by antibody to granulocyte-macrophage colony-stimulating factor (GM-CSF): requirement for GM-CSF in the effector phase of disease. <i>Arthritis Research</i> , 2001, 3, 293.	2.0	165
23	Immune Cytokines and Their Receptors in Inflammatory Pain. <i>Trends in Immunology</i> , 2018, 39, 240-255.	2.9	165
24	Interleukin-17A Serves a Priming Role in Autoimmunity by Recruiting IL-1 $\beta$ -Producing Myeloid Cells that Promote Pathogenic T Cells. <i>Immunity</i> , 2020, 52, 342-356.e6.	6.6	157
25	Mouse neutrophilic granulocytes express mRNA encoding the macrophage colony-stimulating factor receptor (CSF-1R) as well as many other macrophage-specific transcripts and can transdifferentiate into macrophages in vitro in response to CSF-1. <i>Journal of Leukocyte Biology</i> , 2007, 82, 111-123.	1.5	155
26	Granulocyte/Macrophage-Colony-stimulating Factor (GM-CSF) Regulates Lung Innate Immunity to Lipopolysaccharide through Akt/Erk Activation of NF $\kappa$ B and AP-1 in Vivo. <i>Journal of Biological Chemistry</i> , 2002, 277, 42808-42814.	1.6	154
27	Peripheral blood mononuclear cell expression of toll-like receptors and relation to cytokine levels in cirrhosis. <i>Hepatology</i> , 2003, 37, 1154-1164.	3.6	147
28	Oxidized LDL Can Induce Macrophage Survival, DNA Synthesis, and Enhanced Proliferative Response to CSF-1 and GM-CSF. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 98-105.	1.1	139
29	Hypoxia Prolongs Monocyte/Macrophage Survival and Enhanced Glycolysis Is Associated with Their Maturation under Aerobic Conditions. <i>Journal of Immunology</i> , 2009, 182, 7974-7981.	0.4	139
30	Metabolic Remodeling, Inflammasome Activation, and Pyroptosis in Macrophages Stimulated by <i>Porphyromonas gingivalis</i> and Its Outer Membrane Vesicles. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 351.	1.8	138
31	Anti-colony-stimulating factor therapies for inflammatory and autoimmune diseases. <i>Nature Reviews Drug Discovery</i> , 2017, 16, 53-70.	21.5	137
32	Granulocyte macrophage colony-stimulating factor induces CCL17 production via IRF4 to mediate inflammation. <i>Journal of Clinical Investigation</i> , 2016, 126, 3453-3466.	3.9	129
33	Monocytes and macrophages in malaria: protection or pathology?. <i>Trends in Parasitology</i> , 2013, 29, 26-34.	1.5	124
34	Colony stimulating factors, cytokines and monocyte-macrophages-some controversies. <i>Trends in Immunology</i> , 1993, 14, 18-24.	7.5	113
35	Neutrophils, CSF and their contribution to breast cancer metastasis. <i>FEBS Journal</i> , 2018, 285, 665-679.	2.2	110
36	GM-CSF-Dependent Inflammatory Pathways. <i>Frontiers in Immunology</i> , 2019, 10, 2055.	2.2	109

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37	Control of macrophage lineage populations by CSF-1 receptor and GM-CSF in homeostasis and inflammation. <i>Immunology and Cell Biology</i> , 2012, 90, 429-440.	1.0	107
38	K/BxN Serum-Transfer Arthritis as a Model for Human Inflammatory Arthritis. <i>Frontiers in Immunology</i> , 2016, 7, 213.	2.2	107
39	Effects of tumor necrosis factor $\alpha$ and $\beta$ on resorption of human articular cartilage and production of plasminogen activator by human articular chondrocytes. <i>Arthritis and Rheumatism</i> , 1990, 33, 542-552.	6.7	102
40	Extravascular coagulation and the plasminogen activator/plasmin system in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2002, 46, 2268-2279.	6.7	102
41	Interleukin- $1\beta$ and interleukin- $1\alpha$ stimulate the plasminogen activator activity and prostaglandin E2 levels of human synovial cells. <i>Arthritis and Rheumatism</i> , 1987, 30, 562-566.	6.7	100
42	Neutralizing Granulocyte/Macrophage Colony-Stimulating Factor Inhibits Cigarette Smoke-induced Lung Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 34-40.	2.5	99
43	The Promotion of Breast Cancer Metastasis Caused by Inhibition of CSF-1R/CSF-1 Signaling Is Blocked by Targeting the G-CSF Receptor. <i>Cancer Immunology Research</i> , 2014, 2, 765-776.	1.6	97
44	Innate immune responses to LPS in mouse lung are suppressed and reversed by neutralization of GM-CSF via repression of TLR-4. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L877-L885.	1.3	96
45	Granulocyte-macrophage colony-stimulating factor is a key mediator in experimental osteoarthritis pain and disease development. <i>Arthritis Research and Therapy</i> , 2012, 14, R199.	1.6	96
46	Signaling Crosstalk during Sequential TLR4 and TLR9 Activation Amplifies the Inflammatory Response of Mouse Macrophages. <i>Journal of Immunology</i> , 2009, 183, 8110-8118.	0.4	94
47	Activation and proliferation signals in murine macrophages: Stimulation of glucose uptake by hemopoietic growth factors and other agents. <i>Journal of Cellular Physiology</i> , 1988, 134, 405-412.	2.0	89
48	The Phenotype of Inflammatory Macrophages Is Stimulus Dependent: Implications for the Nature of the Inflammatory Response. <i>Journal of Immunology</i> , 2003, 171, 4816-4823.	0.4	89
49	Activation and proliferation signals in murine macrophages: Stimulation of Na <sup>+</sup> , K <sup>+</sup> -ATPase activity by hemopoietic growth factors and other agents. <i>Journal of Cellular Physiology</i> , 1988, 134, 13-24.	2.0	85
50	Granulocyte-macrophage colony-stimulating factor is a key mediator in inflammatory and arthritic pain. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 265-270.	0.5	82
51	GM-CSF as a target in inflammatory/autoimmune disease: current evidence and future therapeutic potential. <i>Expert Review of Clinical Immunology</i> , 2015, 11, 457-465.	1.3	81
52	Cytokine regulation of granulocyte-macrophage colony stimulating factor and macrophage colony-stimulating factor production in human arterial smooth muscle cells. <i>Atherosclerosis</i> , 1993, 99, 241-252.	0.4	80
53	Macrophage lineage phenotypes and osteoclastogenesis—Complexity in the control by GM-CSF and TGF- $\beta$ . <i>Bone</i> , 2007, 40, 323-336.	1.4	78
54	CSF-1 stimulates Na <sup>+</sup> K <sup>+</sup> -ATPase mediated 86Rb <sup>+</sup> uptake in mouse bone marrow-derived macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1985, 132, 430-437.	1.0	76

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55	Recombinant human interleukin-1 stimulates human articular cartilage to undergo resorption and human chondrocytes to produce both tissue- and urokinase-type plasminogen activator. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1988, 967, 183-194.	1.1	75
56	CCL17 blockade as a therapy for osteoarthritis pain and disease. <i>Arthritis Research and Therapy</i> , 2018, 20, 62.	1.6	71
57	Specific Contributions of CSF-1 and GM-CSF to the Dynamics of the Mononuclear Phagocyte System. <i>Journal of Immunology</i> , 2015, 195, 134-144.	0.4	70
58	Stimulation of the hyaluronic acid levels of human synovial fibroblasts by recombinant human tumor necrosis factor $\alpha$ , tumor necrosis factor $\beta$ (lymphotoxin), interleukin-1 $\alpha$ , and interleukin-1 $\beta$ . <i>Arthritis and Rheumatism</i> , 1988, 31, 1281-1289.	6.7	69
59	Dependence of interleukin-1-induced arthritis on granulocyte-macrophage colony-stimulating factor. <i>Arthritis and Rheumatism</i> , 2001, 44, 111-119.	6.7	69
60	Stimulation of human chondrocyte prostaglandin E2 production by recombinant human interleukin-1 and tumour necrosis factor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1990, 1051, 310-318.	1.9	67
61	Macrophage Activation and Differentiation Signals Regulate Schlafen-4 Gene Expression: Evidence for Schlafen-4 as a Modulator of Myelopoiesis. <i>PLoS ONE</i> , 2011, 6, e15723.	1.1	67
62	Rosiglitazone-induced CD36 up-regulation resolves inflammation by PPAR $\gamma$ and 5-LO-dependent pathways. <i>Journal of Leukocyte Biology</i> , 2013, 95, 587-598.	1.5	66
63	Thrombin Stimulates Expression of Tissue-Type Plasminogen Activator and Plasminogen Activator Inhibitor Type 1 in Cultured Human Vascular Smooth Muscle Cells. <i>Thrombosis and Haemostasis</i> , 1993, 70, 469-474.	1.8	65
64	Tibial Fracture Exacerbates Traumatic Brain Injury Outcomes and Neuroinflammation in a Novel Mouse Model of Multitrauma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1339-1347.	2.4	64
65	Granulocyte-Macrophage Colony-Stimulating Factor Is Neuroprotective in Experimental Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 976-983.	1.7	63
66	Macrophage Lineage Cells in Inflammation: Characterization by Colony-Stimulating Factor-1 (CSF-1) Receptor (c-Fms), ER-MP58, and ER-MP20 (Ly-6C) Expression. <i>Blood</i> , 1998, 92, 1423-1431.	0.6	61
67	Roles of the Mitogen-activated Protein Kinase Family in Macrophage Responses to Colony Stimulating Factor-1 Addition and Withdrawal. <i>Journal of Biological Chemistry</i> , 1999, 274, 15127-15133.	1.6	60
68	Stimulus-Dependent Requirement for Granulocyte-Macrophage Colony-Stimulating Factor in Inflammation. <i>Journal of Immunology</i> , 2004, 173, 4643-4651.	0.4	60
69	Regulation of systemic and local myeloid cell subpopulations by bone marrow cell-derived granulocyte macrophage colony-stimulating factor in experimental inflammatory arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 2340-2351.	6.7	59
70	&lt;p&gt;GM-CSF: A Promising Target in Inflammation and Autoimmunity&lt;/p&gt;. <i>ImmunoTargets and Therapy</i> , 2020, Volume 9, 225-240.	2.7	59
71	Tissue-Type Plasminogen Activator Deficiency Exacerbates Arthritis. <i>Journal of Immunology</i> , 2001, 167, 1047-1052.	0.4	57
72	Biochemical events accompanying macrophage activation and the inhibition of colony-stimulating factor-1-induced macrophage proliferation by tumor necrosis factor- $\alpha$ , interferon- $\gamma$ , and lipopolysaccharide. <i>Journal of Cellular Physiology</i> , 1992, 151, 630-641.	2.0	56

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73	G1 phase arrest of human smooth muscle cells by heparin, IL-4 and cAMP is linked to repression of cyclin D1 and cdk2. <i>Atherosclerosis</i> , 1997, 133, 61-69.	0.4	55
74	Particulate adjuvants can induce macrophage survival, DNA synthesis, and a synergistic proliferative response to GM-CSF and CSF-1. <i>Journal of Leukocyte Biology</i> , 2000, 67, 226-232.	1.5	55
75	Detection and properties of the human proliferative monocyte subpopulation. <i>Journal of Leukocyte Biology</i> , 2006, 79, 757-766.	1.5	55
76	Nondisposable materials, chronic inflammation, and adjuvant action. <i>Journal of Leukocyte Biology</i> , 2003, 73, 702-712.	1.5	54
77	Differing Roles for Urokinase and Tissue-Type Plasminogen Activator in Collagen-Induced Arthritis. <i>American Journal of Pathology</i> , 2002, 160, 917-926.	1.9	53
78	ROLE OF TYPE I INTERFERONS DURING MACROPHAGE ACTIVATION BY LIPOPOLYSACCHARIDE. <i>Cytokine</i> , 2000, 12, 1639-1646.	1.4	52
79	Signalling through CSF receptors. <i>Trends in Immunology</i> , 1991, 12, 362-369.	7.5	51
80	Receptor-interacting Protein Kinase 4 and Interferon Regulatory Factor 6 Function as a Signaling Axis to Regulate Keratinocyte Differentiation. <i>Journal of Biological Chemistry</i> , 2014, 289, 31077-31087.	1.6	51
81	Urokinase Plasminogen Activator Is a Central Regulator of Macrophage Three-Dimensional Invasion, Matrix Degradation, and Adhesion. <i>Journal of Immunology</i> , 2014, 192, 3540-3547.	0.4	51
82	S100A8 Chemotactic Protein Is Abundantly Increased, but Only a Minor Contributor to LPS-Induced, Steroid Resistant Neutrophilic Lung Inflammation in Vivo. <i>Journal of Proteome Research</i> , 2005, 4, 136-145.	1.8	50
83	Glucocorticoids promote apoptosis of proinflammatory monocytes by inhibiting ERK activity. <i>Cell Death and Disease</i> , 2018, 9, 267.	2.7	50
84	TLR3 drives IRF6-dependent IL-23/p19 expression and p19/EBI3 heterodimer formation in keratinocytes. <i>Immunology and Cell Biology</i> , 2015, 93, 771-779.	1.0	49
85	A Central Role for the Hsp90- $\alpha$ -Cdc37 Molecular Chaperone Module in Interleukin-1 Receptor-associated-kinase-dependent Signaling by Toll-like Receptors. <i>Journal of Biological Chemistry</i> , 2005, 280, 9813-9822.	1.6	48
86	Oncostatin M stimulates urokinase-type plasminogen activator activity in human synovial fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1991, 180, 652-659.	1.0	46
87	Glycolysis Is Required for LPS-Induced Activation and Adhesion of Human CD14 <sup>+</sup> CD16 <sup>+</sup> Monocytes. <i>Frontiers in Immunology</i> , 2019, 10, 2054.	2.2	45
88	Autocrine IFN-I inhibits isocitrate dehydrogenase in the TCA cycle of LPS-stimulated macrophages. <i>Journal of Clinical Investigation</i> , 2019, 129, 4239-4244.	3.9	45
89	Human synovial fibroblast plasminogen activator. modulation of enzyme activity by antiinflammatory steroids. <i>Arthritis and Rheumatism</i> , 1981, 24, 1296-1303.	6.7	44
90	Epigenetic and transcriptional regulation of IL4-induced CCL17 production in human monocytes and murine macrophages. <i>Journal of Biological Chemistry</i> , 2018, 293, 11415-11423.	1.6	44

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91	Production of macrophage colony-stimulating factor (M-CSF) by human articular cartilage and chondrocytes. Modulation by interleukin-1 and tumor necrosis factor $\beta$ . <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1993, 1182, 57-63.	1.8	43
92	Cyclic AMP-dependent and -independent effects on tissue-type plasminogen activator activity in osteogenic sarcoma cells; evidence from phosphodiesterase inhibition and parathyroid hormone antagonists. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1986, 888, 199-207.	1.9	42
93	The generation and properties of human macrophage populations from hemopoietic stem cells. <i>Journal of Leukocyte Biology</i> , 2009, 85, 766-778.	1.5	42
94	SAA drives proinflammatory heterotypic macrophage differentiation in the lung via CSF-1 dependent signaling. <i>FASEB Journal</i> , 2014, 28, 3867-3877.	0.2	42
95	IRF6 Regulates the Expression of IL-36 $\beta$ by Human Oral Epithelial Cells in Response to <i>Porphyromonas gingivalis</i> . <i>Journal of Immunology</i> , 2016, 196, 2230-2238.	0.4	42
96	Human synovial fibroblasts produce urokinase-type plasminogen activator. <i>Arthritis and Rheumatism</i> , 1986, 29, 1397-1401.	6.7	41
97	Differential release of plasminogen activator and latent collagenase from mononuclear cell-stimulated synovial cells. <i>Arthritis and Rheumatism</i> , 1983, 26, 15-21.	6.7	40
98	The proliferative human monocyte subpopulation contains osteoclast precursors. <i>Arthritis Research and Therapy</i> , 2009, 11, R23.	1.6	40
99	Production of leukemia inhibitory factor by human articular chondrocytes and cartilage in response to interleukin-1 and tumor necrosis factor $\beta$ . <i>Arthritis and Rheumatism</i> , 1993, 36, 790-794.	6.7	39
100	Tissue plasminogen activator does not alter development of acquired epilepsy. <i>Epilepsia</i> , 2012, 53, 1998-2004.	2.6	39
101	Characterization of pathogenic human monoclonal autoantibodies against GM-CSF. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7832-7837.	3.3	39
102	CSF-1 stimulates glucose uptake in murine bone marrow-derived macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1986, 138, 445-454.	1.0	38
103	Association between phosphatidylinositol-3 kinase, Cbl and other tyrosine phosphorylated proteins in colony-stimulating factor-1-stimulated macrophages. <i>Biochemical Journal</i> , 1996, 320, 69-77.	1.7	38
104	Granulocyte macrophage colony-stimulating factor receptor $\beta$ expression and its targeting in antigen-induced arthritis and inflammation. <i>Arthritis Research and Therapy</i> , 2016, 18, 287.	1.6	38
105	Modulation of urokinase-type plasminogen activator messenger rna levels in human synovial fibroblasts by interleukin-1, retinoic acid, and a glucocorticoid. <i>Arthritis and Rheumatism</i> , 1988, 31, 1046-1051.	6.7	37
106	Regulation of Plasminogen Activator Inhibitor-1 Levels in Human Monocytes. <i>Cellular Immunology</i> , 1993, 152, 7-17.	1.4	37
107	Activation and proliferation signals in murine macrophages: Relationships among c-fos and c-myc expression, phosphoinositide hydrolysis, superoxide formation, and DNA synthesis. <i>Journal of Cellular Physiology</i> , 1989, 141, 618-626.	2.0	36
108	TNF and granulocyte macrophage-colony stimulating factor interdependence mediates inflammation via CCL17. <i>JCI Insight</i> , 2018, 3, .	2.3	36

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109	Stimulation of the plasminogen activator activity of human synovial fibroblasts by retinoids. <i>Arthritis and Rheumatism</i> , 1982, 25, 432-440.	6.7	35
110	Characterization of a CSF-induced proliferating subpopulation of human peripheral blood monocytes by surface marker expression and cytokine production. <i>Journal of Leukocyte Biology</i> , 1999, 66, 953-960.	1.5	34
111	Down-regulation of IRAK-4 is a component of LPS- and CpG DNA-induced tolerance in macrophages. <i>Cellular Signalling</i> , 2009, 21, 246-252.	1.7	34
112	Expression of a Y559F Mutant CSF-1 Receptor in M1 Myeloid Cells: A Role for Src Kinases in CSF-1 Receptor-Mediated Differentiation. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 1999, 1, 144-152.	1.7	33
113	Flow Cytometric Analysis of Adherence of <i>Porphyromonas gingivalis</i> to Oral Epithelial Cells. <i>Infection and Immunity</i> , 2007, 75, 2484-2492.	1.0	33
114	Interferon Regulatory Factor 6 Differentially Regulates Toll-like Receptor 2-dependent Chemokine Gene Expression in Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 19758-19768.	1.6	33
115	Recombinant human interleukin-1 inhibits plasminogen activator inhibitor-1 (PAI-1) production by human articular cartilage and chondrocytes. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 251-257.	1.0	32
116	Differences in the kinetics of activation of protein kinases and extracellular signal-related protein kinase 1 in colony-stimulating factor 1-stimulated and lipopolysaccharide-stimulated macrophages. <i>Biochemical Journal</i> , 1996, 320, 1011-1016.	1.7	31
117	Urokinase-type plasminogen activator and arthritis progression: role in systemic disease with immune complex involvement. <i>Arthritis Research and Therapy</i> , 2010, 12, R37.	1.6	31
118	CSF-1 signal transduction: what is of functional significance?. <i>Trends in Immunology</i> , 1997, 18, 313-317.	7.5	30
119	Proliferation of a Subpopulation of Human Peripheral Blood Monocytes in the Presence of Colony Stimulating Factors may Contribute to the Inflammatory Process in Diseases such as Rheumatoid Arthritis. <i>Immunobiology</i> , 2000, 202, 18-25.	0.8	30
120	CSF-1 receptor signalling from endosomes mediates the sustained activation of Erk1/2 and Akt in macrophages. <i>Cellular Signalling</i> , 2012, 24, 1753-1761.	1.7	30
121	Glucocorticoids and prostaglandins inhibit the induction of macrophage DNA synthesis by macrophage growth factor and phorbol ester. <i>Journal of Cellular Physiology</i> , 1983, 115, 67-74.	2.0	29
122	cAMP suppresses p21ras and Raf-1 responses but not the Erk-1 response to granulocyte-colony-stimulating factor: possible Raf-1-independent activation of Erk-1. <i>Biochemical Journal</i> , 1997, 322, 79-87.	1.7	29
123	Direct binding of Shc, Grb2, SHP-2 and p40 to the murine granulocyte colony-stimulating factor receptor. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1448, 70-76.	1.9	29
124	Phosphatidylinositol-3 kinase and phospholipase C enhance CSF-1-dependent macrophage survival by controlling glucose uptake. <i>Cellular Signalling</i> , 2009, 21, 1361-1369.	1.7	29
125	The interface between cholinergic pathways and the immune system and its relevance to arthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 87.	1.6	29
126	Microglial polarization in posttraumatic epilepsy: Potential mechanism and treatment opportunity. <i>Epilepsia</i> , 2020, 61, 203-215.	2.6	29



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127	Plasminogen Activators and Their Inhibitors in Arthritic Disease. <i>Annals of the New York Academy of Sciences</i> , 1992, 667, 87-100.	1.8	28
128	G-CSF Receptor Blockade Ameliorates Arthritic Pain and Disease. <i>Journal of Immunology</i> , 2017, 198, 3565-3575.	0.4	28
129	GM-CSF and IRF4-Dependent Signaling Can Regulate Myeloid Cell Numbers and the Macrophage Phenotype during Inflammation. <i>Journal of Immunology</i> , 2019, 202, 3033-3040.	0.4	28
130	Cytokine Regulation of the Synthesis of Plasminogen Activator Inhibitor-2 by Human Vascular Endothelial Cells. <i>Thrombosis and Haemostasis</i> , 1993, 69, 135-140.	1.8	28
131	$\beta$ -Interferon counteracts interleukin-1 stimulated expression of urokinase-type plasminogen activator in human endothelial cells in vitro. <i>Biochemical and Biophysical Research Communications</i> , 1992, 188, 463-469.	1.0	27
132	Effects of macrophage-colony stimulating factor on human monocytes: Induction of expression of urokinase-type plasminogen activator, but not of secreted prostaglandin E <sub>2</sub> , interleukin-6, interleukin-1, or tumor necrosis factor- $\alpha$ . <i>Journal of Leukocyte Biology</i> , 1993, 53, 707-714.	1.5	27
133	Cytokine modulation of plasminogen activator inhibitor-1 (PAI-1) production by human articular cartilage and chondrocytes. Down-regulation by tumor necrosis factor $\alpha$ and up-regulation by transforming growth factor- $\beta$ and basic fibroblast growth factor. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1994, 1226, 277-285.	1.8	27
134	Expression of p47-phox and p67-phox proteins in murine bone marrow-derived macrophages: Enhancement by lipopolysaccharide and tumor necrosis factor $\alpha$ but not colony stimulating factor 1. <i>Journal of Leukocyte Biology</i> , 1994, 55, 530-535.	1.5	27
135	Proteomic Analysis of Macrophage Differentiation. <i>Journal of Biological Chemistry</i> , 2001, 276, 26211-26217.	1.6	27
136	M-CSF induces the stable interaction of cFms with $\alpha$ <sub>v</sub> $\beta$ <sub>3</sub> integrin in osteoclasts. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1518-1529.	1.2	27
137	Independent regulation of plasminogen activator inhibitor 2 and plasminogen activator inhibitor 1 in human synovial fibroblasts. <i>Arthritis and Rheumatism</i> , 1992, 35, 1526-1534.	6.7	26
138	Inflammatory microcrystals induce murine macrophage survival and DNA synthesis. <i>Arthritis Research</i> , 2001, 3, 242.	2.0	26
139	Copper/zinc superoxide dismutase is phosphorylated and modulated specifically by granulocyte-colony stimulating factor in myeloid cells. <i>Proteomics</i> , 2001, 1, 435-443.	1.3	26
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