Thomas A Hamilton

List of Publications by Year
in descending order

120 papers	10,995 citations	29994 54 h-index	30010 103 g-index
125 all docs	125 docs citations	125 times ranked	10771 citing authors

#	Article	IF	Citations
1	Unfolded Protein Response Differentially Regulates TLR4-Induced Cytokine Expression in Distinct Macrophage Populations. Frontiers in Immunology, 2019, 10, 1390.	2.2	12
2	Mediators of Inflammation-Driven Expansion, Trafficking, and Function of Tumor-Infiltrating MDSCs. Cancer Immunology Research, 2019, 7, 1687-1699.	1.6	33
3	Ex vivo conditioning with IL-12 protects tumor-infiltrating CD8+ T cells from negative regulation by local IFN-Î³. Cancer Immunology, Immunotherapy, 2019, 68, 395-405.	2.0	17
4	IL-17Râ€“EGFR axis links wound healing to tumorigenesis in Lrig1+ stem cells. Journal of Experimental Medicine, 2019, 216, 195-214.	4.2	82
5	IL-17-receptor-associated adaptor Act1 directly stabilizes mRNAs to mediate IL-17 inflammatory signaling. Nature Immunology, 2018, 19, 354-365.	7.0	91
6	Neuron-Specific HuR-Deficient Mice Spontaneously Develop Motor Neuron Disease. Journal of Immunology, 2018, 201, 157-166.	0.4	21
7	IL-17Aâ€“Induced PLET1 Expression Contributes to Tissue Repair and Colon Tumorigenesis. Journal of Immunology, 2017, 199, 3849-3857.	0.4	49
8	Myeloid-Derived Suppressor Cell Subset Accumulation in Renal Cell Carcinoma Parenchyma Is Associated with Intratumoral Expression of IL1Î², IL8, CXCL5, and Mip-1Î±. Clinical Cancer Research, 2017, 23, 2346-2355.	3.2	148
9	IRAK2 directs stimulus-dependent nuclear export of inflammatory mRNAs. ELife, 2017, 6, .	2.8	22
10	TRPV4 Mechanosensitive Ion Channel Regulates Lipopolysaccharide-Stimulated Macrophage Phagocytosis. Journal of Immunology, 2016, 196, 428-436.	0.4	134
11	cEBP Homologous Protein Expression in Macrophages Regulates the Magnitude and Duration of IL-6 Expression and Dextran Sodium Sulfate Colitis. Journal of Interferon and Cytokine Research, 2015, 35, 785-794.	0.5	7
12	A novel IL-17 signaling pathway controlling keratinocyte proliferation and tumorigenesis via the TRAF4â€“ERK5 axis. Journal of Experimental Medicine, 2015, 212, 1571-1587.	4.2	170
13	A novel IL-17 signaling pathway controlling keratinocyte proliferation and tumorigenesis via the TRAF4â€“ERK5 axis. Journal of Cell Biology, 2015, 210, 2106OIA178.	2.3	1
14	All-<i>trans</i>Retinoic Acid Induces Arginase-1 and Inducible Nitric Oxide Synthaseâ€“Producing Dendritic Cells with T Cell Inhibitory Function. Journal of Immunology, 2014, 192, 5098-5108.	0.4	47
15	Myeloid Colony-Stimulating Factors as Regulators of Macrophage Polarization. Frontiers in Immunology, 2014, 5, 554.	2.2	160
16	Cellular Stress Amplifies TLR3/4-Induced CXCL1/2 Gene Transcription in Mononuclear Phagocytes via RIPK1. Journal of Immunology, 2014, 193, 879-888.	0.4	28
17	Diversity in sequence-dependent control of GRO chemokine mRNA half-life. Journal of Leukocyte Biology, 2013, 93, 895-904.	1.5	6
18	HuR Is Required for IL-17â€“Induced Act1-Mediated CXCL1 and CXCL5 mRNA Stabilization. Journal of Immunology, 2013, 191, 640-649.	0.4	83

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19	Cell type- and stimulus-specific mechanisms for post-transcriptional control of neutrophil chemokine gene expression. Journal of Leukocyte Biology, 2012, 91, 377-383.	1.5	33
20	Treatment with IL-17 prolongs the half-life of chemokine CXCL1 mRNA via the adaptor TRAF5 and the splicing-regulatory factor SF2 (ASF). Nature Immunology, 2011, 12, 853-860.	7.0	199
21	A CCâ€² Loop Decoy Peptide Blocks the Interaction Between Act1 and IL-17RA to Attenuate IL-17â€" and IL-25â€"Induced Inflammation. Science Signaling, 2011, 4, ra72.	1.6	44
22	The inducible kinase IKKi is required for IL-17-dependent signaling associated with neutrophilia and pulmonary inflammation. Nature Immunology, 2011, 12, 844-852.	7.0	174
23	Stress-sensitive Regulation of IFRD1 mRNA Decay Is Mediated by an Upstream Open Reading Frame. Journal of Biological Chemistry, 2010, 285, 8552-8562.	1.6	38
24	IL-17 Regulates CXCL1 mRNA Stability via an AUUUA/Tristetraprolin-Independent Sequence. Journal of Immunology, 2010, 184, 1484-1491.	0.4	72
25	Diversity in post-transcriptional control of neutrophil chemoattractant cytokine gene expression. Cytokine, 2010, 52, 116-122.	1.4	31
26	IL-17 Signaling for mRNA Stabilization Does Not Require TNF Receptor-Associated Factor 6. Journal of Immunology, 2009, 182, 1660-1666.	0.4	82
27	Interleukin-1 Receptor-associated Kinase 2 Is Critical for Lipopolysaccharide-mediated Post-transcriptional Control. Journal of Biological Chemistry, 2009, 284, 10367-10375.	1.6	83
28	Interleukin 1Î±-induced NFÎºB Activation and Chemokine mRNA Stabilization Diverge at IRAK1. Journal of Biological Chemistry, 2008, 283, 15689-15693.	1.6	41
29	Tristetraprolin Regulates CXCL1 (KC) mRNA Stability. Journal of Immunology, 2008, 180, 2545-2552.	0.4	103
30	Signaling in Lipopolysaccharide-Induced Stabilization of Formyl Peptide Receptor 1 mRNA in Mouse Peritoneal Macrophages. Journal of Immunology, 2007, 178, 2542-2548.	0.4	13
31	Introns Regulate the Rate of Unstable mRNA Decay. Journal of Biological Chemistry, 2007, 282, 20230-20237.	1.6	59
32	IL-17 Enhances Chemokine Gene Expression through mRNA Stabilization. Journal of Immunology, 2007, 179, 4135-4141.	0.4	257
33	Chemokine and chemoattractant receptor expression: post-transcriptional regulation. Journal of Leukocyte Biology, 2007, 82, 213-219.	1.5	37
34	A critical role for IRAK4 kinase activity in Toll-like receptorâ€"mediated innate immunity. Journal of Experimental Medicine, 2007, 204, 1025-1036.	4.2	227
35	The adaptor Act1 is required for interleukin 17â€"dependent signaling associated with autoimmune and inflammatory disease. Nature Immunology, 2007, 8, 247-256.	7.0	507
36	A Note from the Editors: Manuscript Retraction. Journal of Interferon and Cytokine Research, 2006, 26, 848-848.	0.5	0

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37	Functionally Independent AU-rich Sequence Motifs Regulate KC (CXCL1) mRNA. Journal of Biological Chemistry, 2005, 280, 30166-30174.	1.6	22
38	Preface: The Many Faces of Interferon Signaling. Journal of Interferon and Cytokine Research, 2005, 25, 731-731.	0.5	0
39	IL-4 Inhibits Expression of the Formyl Peptide Receptor Gene in Mouse Peritoneal Macrophages. Journal of Interferon and Cytokine Research, 2005, 25, 11-19.	0.5	10
40	Lipopolysaccharide Induces Formyl Peptide Receptor 1 Gene Expression in Macrophages and Neutrophils via Transcriptional and Posttranscriptional Mechanisms. Journal of Immunology, 2005, 175, 6085-6091.	0.4	49
41	Toll IL-1 Receptors Differ in Their Ability to Promote the Stabilization of Adenosine and Uridine-Rich Elements Containing mRNA. Journal of Immunology, 2004, 173, 2755-2761.	0.4	27
42	Neutrophil chemoattractant genes KC and MIP-2 are expressed in different cell populations at sites of surgical injury. Journal of Leukocyte Biology, 2004, 75, 641-648.	1.5	110
43	Regulation of Chemokine mRNA Stability by Lipopolysaccharide and IL-10. Journal of Immunology, 2003, 170, 6202-6208.	0.4	55
44	Inhibition of IFN-Î³-Induced Class II Transactivator Expression by a 19-kDa Lipoprotein from<i>Mycobacterium tuberculosis</i>: A Potential Mechanism for Immune Evasion. Journal of Immunology, 2003, 171, 175-184.	0.4	226
45	Heterogeneity in Control of mRNA Stability by AU-rich Elements. Journal of Biological Chemistry, 2003, 278, 12085-12093.	1.6	110
46	TLR2 and TLR4 agonists stimulate unique repertoires of host resistance genes in murine macrophages: interferon-Î²-dependent signaling in TLR4-mediated responses. Journal of Endotoxin Research, 2003, 9, 169-175.	2.5	17
47	TGFÎ² inhibits LPS-induced chemokine mRNA stabilization. Blood, 2003, 102, 1178-1185.	0.6	28
48	Distinct Temporal Patterns of Macrophage-Inflammatory Protein-2 and KC Chemokine Gene Expression in Surgical Injury. Journal of Immunology, 2002, 168, 3586-3594.	0.4	52
49	IL-4 Pretreatment Selectively Enhances Cytokine and Chemokine Production in Lipopolysaccharide-Stimulated Mouse Peritoneal Macrophages. Journal of Immunology, 2002, 168, 2456-2463.	0.4	71
50	Influence of gender and interleukin-10 deficiency on the inflammatory response during lung infection withPseudomonas aeruginosain mice. Immunology, 2002, 107, 297-305.	2.0	60
51	TLR4, but not TLR2, mediates IFN-Î²â€"induced STAT1Î±/Î²-dependent gene expression in macrophages. Nature Immunology, 2002, 3, 392-398.	7.0	753
52	Regulation of Chemokine Expression by Antiinflammatory Cytokines. Immunologic Research, 2002, 25, 229-246.	1.3	73
53	Monokine Induced by IFN-Î³ Is a Dominant Factor Directing T Cells into Murine Cardiac Allografts During Acute Rejection. Journal of Immunology, 2001, 167, 3494-3504.	0.4	150
54	Expression of Mig (Monokine Induced by Interferon-Î³) Is Important in T Lymphocyte Recruitment and Host Defense Following Viral Infection of the Central Nervous System. Journal of Immunology, 2001, 166, 1790-1795.	0.4	143

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55	Immune-inflammatory mechanisms in IFNÎ³-mediated anti-tumor activity. Seminars in Cancer Biology, 2000, 10, 113-123.	4.3	73
56	Smooth muscle cell surface tissue factor pathway activation by oxidized low-density lipoprotein requires cellular lipid peroxidation. Blood, 2000, 96, 3056-3063.	0.6	50
57	Cutting Edge: The T Cell Chemoattractant IFN-Inducible Protein 10 Is Essential in Host Defense Against Viral-Induced Neurologic Disease. Journal of Immunology, 2000, 165, 2327-2330.	0.4	249
58	Intraallograft Chemokine RNA and Protein During Rejection of MHC-Matched/Multiple Minor Histocompatibility-Disparate Skin Grafts. Journal of Immunology, 2000, 164, 6027-6033.	0.4	49
59	Interleukin-4/STAT6 Represses STAT1 and NF-Î°B-dependent Transcription through Distinct Mechanisms. Journal of Biological Chemistry, 2000, 275, 38095-38103.	1.6	94
60	Interleukin-1-mediated Stabilization of Mouse KC mRNA Depends on Sequences in both 5â€²- and 3â€²-Untranslated Regions. Journal of Biological Chemistry, 2000, 275, 12987-12993.	1.6	61
61	A chemokine-to-cytokine-to-chemokine cascade critical in antiviral defense. Journal of Clinical Investigation, 2000, 105, 985-993.	3.9	213
62	GroÎ±-mediated recruitment of neutrophils is required for elicitation of contact hypersensitivity. European Journal of Immunology, 1999, 29, 3485-3495.	1.6	85
63	Regulation of Macrophage Gene Expression by Pro- and Anti-Inflammatory Cytokines. Pathobiology, 1999, 67, 241-244.	1.9	70
64	Renal cell carcinomaâ€“derived gangliosides suppress nuclear factor-Î°B activation in T cells. Journal of Clinical Investigation, 1999, 104, 769-776.	3.9	110
65	STAT6 Is Required for the Anti-inflammatory Activity of Interleukin-4 in Mouse Peritoneal Macrophages. Journal of Biological Chemistry, 1998, 273, 29202-29209.	1.6	85
66	IL-10 suppresses LPS-induced KC mRNA expression via a translation-dependent decrease in mRNA stability. Journal of Leukocyte Biology, 1998, 64, 33-39.	1.5	47
67	Oxidized LDL modulates activation of NFÎ°B in mononuclear phagocytes by altering the degradation of IÎ°Bs. Journal of Leukocyte Biology, 1998, 64, 667-674.	1.5	29
68	Interleukin-10 Suppresses IP-10 Gene Transcription by Inhibiting the Production of Class I Interferon. Blood, 1998, 92, 4742-4749.	0.6	57
69	Impaired Activation of NFÎ°B in T Cells From a Subset of Renal Cell Carcinoma Patients Is Mediated by Inhibition of Phosphorylation and Degradation of the Inhibitor, IÎ°BÎ±. Blood, 1998, 92, 1334-1341.	0.6	55
70	Interleukin-10 Suppresses IP-10 Gene Transcription by Inhibiting the Production of Class I Interferon. Blood, 1998, 92, 4742-4749.	0.6	1
71	Synergy between Interferon-Î³ and Tumor Necrosis Factor-Î± in Transcriptional Activation Is Mediated by Cooperation between Signal Transducer and Activator of Transcription 1 and Nuclear Factor Î°B. Journal of Biological Chemistry, 1997, 272, 14899-14907.	1.6	379
72	Excretory/secretory products from plerocercoids of Spirometra erinacei reduce iNOS and chemokine mRNA levels in peritoneal macrophages stimulated with cytokines and/or LPS. Parasite Immunology, 1997, 19, 325-335.	0.7	23

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73	Dolph Oliver Adams, M.D., Ph.D. Journal of Leukocyte Biology, 1996, 60, 675-676.	1.5	0
74	Oxidized LDL potentiates LPS-induced transcription of the chemokine KC gene. Journal of Leukocyte Biology, 1996, 59, 940-947.	1.5	10
75	LPS Does Not Directly Induce STAT Activity in Mouse Macrophages. Cellular Immunology, 1996, 170, 20-24.	1.4	12
76	The effects of oxidized low density lipoproteins on inducible mouse macrophage gene expression are gene and stimulus dependent.. Journal of Clinical Investigation, 1995, 95, 2020-2027.	3.9	61
77	Interferon-Stimulated Response Element and NFÎºB Sites Cooperate to Regulate Double-Stranded RNA-Induced Transcription of the IP-10 Gene. Journal of Interferon Research, 1994, 14, 357-363.	1.2	49
78	Okadaic Acid Stimulates Inflammatory Cytokine Gene Transcription in Murine Peritoneal Macrophages. Cellular Immunology, 1994, 153, 479-491.	1.4	20
79	Regulation of macrophage gene expression by T-cell-derived lymphokines. , 1994, 63, 235-264.		35
80	Cell Type and Stimulus Specific Regulation of Chemokine Gene Expression. Biochemical and Biophysical Research Communications, 1994, 198, 590-596.	1.0	68
81	Chemokine expression in trinitrochlorobenzene-mediated contact hypersensitivity. Journal of Leukocyte Biology, 1994, 55, 452-460.	1.5	41
82	A lipopolysaccharide-inducible macrophage gene (D3) is a new member of an interferon-inducible gene cluster and is selectively expressed in mononuclear phagocytes. Journal of Leukocyte Biology, 1993, 53, 563-568.	1.5	43
83	Astrocyte expression of mRNA encoding cytokines IPâ€10 and JE/MCPâ€1 in experimental autoimmune encephalomyelitis. FASEB Journal, 1993, 7, 592-600.	0.2	484
84	Tissue-specific expression of murine IP-10 mRNA following systemic treatment with interferon Î³. Journal of Leukocyte Biology, 1992, 52, 27-33.	1.5	86
85	Modulation of Na+/K+ exchange potentiates lipopolysaccharide-induced gene expression in murine peritoneal macrophages. Journal of Cellular Physiology, 1991, 148, 96-105.	2.0	27
86	Lipopolysaccharide induces competence genes JE and KC in Balb/C 3T3 cells. Journal of Cellular Physiology, 1990, 144, 77-83.	2.0	12
87	Dexamethasone selectively regulates LPS-inducible gene expression in murine peritoneal macrophages. Immunopharmacology, 1990, 19, 93-101.	2.0	16
88	Thrombin-induced expression of the KC gene in cultured aortic endothelial cells. Involvement of proteolytic activity and protein kinase C. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1990, 1049, 145-150.	2.4	6
89	A macrophage LPS-inducible early gene encodes the murine homologue of IP-10. Biochemical and Biophysical Research Communications, 1990, 168, 1261-1267.	1.0	110
90	Lipopolysaccharide-induced expression of the competence gene KC in vascular endothelial cells is mediated through protein kinase C. Journal of Cellular Physiology, 1989, 140, 44-51.	2.0	22

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91	The early competence genes JE and KC are differentially regulated in murine peritoneal macrophages in response to lipopolysaccharide. Biochemical and Biophysical Research Communications, 1987, 149, 969-974.	1.0	26
92	Homologous and heterologous desensitization of proto-oncogene cfos expression in murine peritoneal macrophages. Journal of Cellular Physiology, 1987, 131, 36-42.	2.0	28
93	Molecular mechanisms of signal transduction in macrophages. Trends in Immunology, 1987, 8, 151-158.	7.5	336
94	The effect of formaldehyde exposure upon the mononuclear phagocyte system of mice*1. Toxicology and Applied Pharmacology, 1987, 88, 165-174.	1.3	12
95	Regulation of tumor necrosis factor (TNF) expression: Interferon-Î³ enhances the accumulation of mRNA for TNF induced by lipopolysaccharide in murine peritoneal macrophages. Cellular Immunology, 1987, 109, 437-443.	1.4	93
96	Molecular Transductional Mechanisms by which IFNgamma and Other Signals Regulate Macrophage Development. Immunological Reviews, 1987, 97, 5-27.	2.8	261
97	Effects of bacterial lipopolysaccharide on protein synthesis in murine peritoneal macrophages: Relationship to activation for macrophage tumoricidal function. Journal of Cellular Physiology, 1986, 128, 9-17.	2.0	56
98	Immunosuppression following 7,12-dimethylbenz[a]anthracene exposure in B6C3F1 miceâ€"II. Altered cell-mediated immunity and tumor resistance. International Journal of Immunopharmacology, 1986, 8, 189-198.	1.1	57
99	Respiratory burst in murine peritoneal macrophages: Differential sensitivity to phorbol diesters by macrophages in different states of functional activation. Cellular Immunology, 1986, 100, 400-410.	1.4	17
100	Biochemical models of interferon-Î³-mediated macrophage activation: Independent regulation of lymphocyte function associated antigen (LFA)-1 and I-A antigen on murine peritoneal macrophages. Cellular Immunology, 1986, 97, 110-120.	1.4	32
101	The effect of macrophage development on the release of reactive oxygen intermediates and lipid oxidation products, and their ability to induce oxidative DNA damage in mammalian cells. Carcinogenesis, 1986, 7, 813-818.	1.3	56
102	Characterization of protein kinase C activity in interferon gamma treated murine peritoneal macrophages. Journal of Cellular Physiology, 1985, 125, 485-491.	2.0	36
103	Murine monocytes express transferrin receptors: Evidence for similarity to inflammatory macrophages. Cellular Immunology, 1984, 88, 343-349.	1.4	12
104	Expression of the transferrin receptor on murine peritoneal macrophages is modulated by in vitro treatment with interferon gamma. Cellular Immunology, 1984, 89, 478-488.	1.4	63
105	Quiescent lymphocytes express intracellular transferrin receptors. Biochemical and Biophysical Research Communications, 1984, 119, 598-602.	1.0	24
106	The Cell Biology of Macrophage Activation. Annual Review of Immunology, 1984, 2, 283-318.	9.5	1,535
107	Fc-receptor mediated protein phosphorylation in murine peritoneal macrophages. Biochemical and Biophysical Research Communications, 1984, 124, 197-202.	1.0	12
108	Macrophage-mediated cytostatic activity blocks lymphoblast cell cycle progression independently in both G1 phase and S phase. Cellular Immunology, 1983, 77, 233-241.	1.4	3

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109	Receptor-mediated endocytosis and exocytosis of transferrin in concanavalin A-stimulated rat lymphoblasts. Journal of Cellular Physiology, 1983, 114, 222-228.	2.0	20
110	Sensitivity to macrophage-mediated cytostasis is cell cycle dependent. Cellular Immunology, 1982, 69, 363-373.	1.4	15
111	Characterization of the recognition of target cells sensitive to or resistant to cytolysis by activated macrophages. Cellular Immunology, 1982, 68, 155-164.	1.4	8
112	Activated macrophages selectively bind both normal and neoplastic lymphoblasts but not quiescent lymphocytes. Cellular Immunology, 1982, 72, 332-339.	1.4	8
113	Regulation of transferrin receptor expression in concanavalin a stimulated and gross virus transformed rat lymphoblasts. Journal of Cellular Physiology, 1982, 113, 40-46.	2.0	58
114	Expression of Human Placental Cell Surface Antigens on Peripheral Blood Lymphocytes and Lymphoblastoid Cell Lines. Scandinavian Journal of Immunology, 1980, 11, 195-201.	1.3	21
115	Human placental cell surface antigens: Expression by cultured cells of diverse phenotypic origin. Journal of Supramolecular Structure, 1979, 11, 503-515.	2.3	16
116	Alkaline phosphatase isoenzyme expression in chang liver cells. Experimental Cell Research, 1979, 122, 31-38.	1.2	5
117	Regulation of alkaline phosphatase expression in human choriocarcinoma cell lines.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 323-327.	3.3	41
118	Identification of transferrin receptors on the surface of human cultured cells.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 6406-6410.	3.3	183
119	Amino Acid Control of Stable RNA Synthesis in Friend Leukemia Cells in Relation to Intracellular Purine Nucleoside Triphosphate Levels. FEBS Journal, 1977, 77, 495-499.	0.2	11
120	Biosynthesis of mammalian transfer RNA. Evidence for regulation by deacylated transfer RNA. Nucleic Acids and Protein Synthesis, 1976, 435, 362-375.	1.7	16