Stefanie N Vogel

List of Publications by Year
in descending order

220 papers	25,387 citations	8755 77 h-index	8212 153 g-index
237 all docs	237 docs citations	237 times ranked	34292 citing authors

#	Article	IF	Citations
1	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. Immunity, 2014, 41, 14-20.	6.6	4,638
2	The AIM2 inflammasome is essential for host defense against cytosolic bacteria and DNA viruses. Nature Immunology, 2010, 11, 395-402.	7.0	1,113
3	Cutting Edge: Repurification of Lipopolysaccharide Eliminates Signaling Through Both Human and Murine Toll-Like Receptor 2. Journal of Immunology, 2000, 165, 618-622.	0.4	1,058
4	TLR4, but not TLR2, mediates IFN-Î²â€“induced STAT1Î±/Î²-dependent gene expression in macrophages. Nature Immunology, 2002, 3, 392-398.	7.0	753
5	Signaling by Toll-Like Receptor 2 and 4 Agonists Results in Differential Gene Expression in Murine Macrophages. Infection and Immunity, 2001, 69, 1477-1482.	1.0	608
6	Toll receptors, CD14, and macrophage activation and deactivation by LPS. Microbes and Infection, 2002, 4, 903-914.	1.0	485
7	Inhibition of Lipopolysaccharide-Induced Signal Transduction in Endotoxin-Tolerized Mouse Macrophages: Dysregulation of Cytokine, Chemokine, and Toll-Like Receptor 2 and 4 Gene Expression. Journal of Immunology, 2000, 164, 5564-5574.	0.4	472
8	The TLR4 antagonist Eritoran protects mice from lethal influenza infection. Nature, 2013, 497, 498-502.	13.7	382
9	CD11b/CD18 Acts in Concert with CD14 and Toll-Like Receptor (TLR) 4 to Elicit Full Lipopolysaccharide and Taxol-Inducible Gene Expression. Journal of Immunology, 2001, 166, 574-581.	0.4	368
10	Negative regulation of Toll-like receptor 4 signaling by the Toll-like receptor homolog RP105. Nature Immunology, 2005, 6, 571-578.	7.0	348
11	Identification of human zonulin, a physiological modulator of tight junctions, as prehaptoglobin-2. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16799-16804.	3.3	341
12	Mouse, but not Human STING, Binds and Signals in Response to the Vascular Disrupting Agent 5,6-Dimethylxanthenone-4-Acetic Acid. Journal of Immunology, 2013, 190, 5216-5225.	0.4	334
13	Genetic and Physical Mapping of theLpsLocus: Identification of the Toll-4 Receptor as a Candidate Gene in the Critical Region. Blood Cells, Molecules, and Diseases, 1998, 24, 340-355.	0.6	328
14	Selective Roles for Toll-Like Receptor (TLR)2 and TLR4 in the Regulation of Neutrophil Activation and Life Span. Journal of Immunology, 2003, 170, 5268-5275.	0.4	306
15	Induction of In Vitro Reprogramming by Toll-Like Receptor (TLR)2 and TLR4 Agonists in Murine Macrophages: Effects of TLR â€œHomotoleranceâ€•Versus â€œHeterotoleranceâ€•on NF-ÎºB Signaling Pathway Components. Journal of Immunology, 2003, 170, 508-519.	0.4	291
16	TLR4/MyD88/PI3K interactions regulate TLR4 signaling. Journal of Leukocyte Biology, 2009, 85, 966-977.	1.5	272
17	Dysregulation of LPS-Induced Toll-Like Receptor 4-MyD88 Complex Formation and IL-1 Receptor-Associated Kinase 1 Activation in Endotoxin-Tolerant Cells. Journal of Immunology, 2002, 169, 5209-5216.	0.4	266
18	Distinct Mutations in IRAK-4 Confer Hyporesponsiveness to Lipopolysaccharide and Interleukin-1 in a Patient with Recurrent Bacterial Infections. Journal of Experimental Medicine, 2003, 198, 521-531.	4.2	266

#	Article	IF	Citations
19	Differential Effects of a Toll-Like Receptor Antagonist on Mycobacterium tuberculosis-Induced Macrophage Responses. Journal of Immunology, 2001, 166, 4074-4082.	0.4	265
20	An Angiogenic Switch in Macrophages Involving Synergy between Toll-Like Receptors 2, 4, 7, and 9 and Adenosine A2A Receptors. American Journal of Pathology, 2003, 163, 711-721.	1.9	250
21	Role of the Phosphatidylinositol 3 Kinase-Akt Pathway in the Regulation of IL-10 and IL-12 byPorphyromonas gingivalisLipopolysaccharide. Journal of Immunology, 2003, 171, 717-725.	0.4	247
22	Overexpression of Monocyte Chemoattractant Protein 1 in the Brain Exacerbates Ischemic Brain Injury and is Associated with Recruitment of Inflammatory Cells. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 748-755.	2.4	242
23	The role of macrophages in the acute-phase response: SAA inducer is closely related to lymphocyte activating factor and endogenous pyrogen. Cellular Immunology, 1981, 63, 164-176.	1.4	233
24	Analysis of TLR4 Polymorphic Variants: New Insights into TLR4/MD-2/CD14 Stoichiometry, Structure, and Signaling. Journal of Immunology, 2006, 177, 322-332.	0.4	233
25	TLRs: Differential Adapter Utilization by Toll-Like Receptors Mediates TLR-Specific Patterns of Gene Expression. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2003, 3, 466-477.	3.4	204
26	Toll-Like Receptors in Health and Disease: Complex Questions Remain. Journal of Immunology, 2003, 171, 1630-1635.	0.4	198
27	Interferons with Special Emphasis on the Immune System. Advances in Immunology, 1983, 34, 97-140.	1.1	195
28	Gliadin Stimulation of Murine Macrophage Inflammatory Gene Expression and Intestinal Permeability Are MyD88-Dependent: Role of the Innate Immune Response in Celiac Disease. Journal of Immunology, 2006, 176, 2512-2521.	0.4	194
29	TLR2 and TLR4 serve distinct roles in the host immune response againstMycobacterium bovisBCG. Journal of Leukocyte Biology, 2003, 74, 277-286.	1.5	191
30	The CATERPILLER Protein Monarch-1 Is an Antagonist of Toll-like Receptor-, Tumor Necrosis Factor Î±-, and Mycobacterium tuberculosis-induced Pro-inflammatory Signals. Journal of Biological Chemistry, 2005, 280, 39914-39924.	1.6	191
31	Monokine-induced synthesis of serum amyloid A protein by hepatocytes. Nature, 1980, 285, 498-500.	13.7	184
32	Tolerance to microbial TLR ligands: molecular mechanisms and relevance to disease. Journal of Endotoxin Research, 2006, 12, 133-150.	2.5	180
33	Tobacco Smoking Inhibits Expression of Proinflammatory Cytokines and Activation of IL-1R-Associated Kinase, p38, and NF-ÎºB in Alveolar Macrophages Stimulated with TLR2 and TLR4 Agonists. Journal of Immunology, 2007, 179, 6097-6106.	0.4	170
34	5,6-Dimethylxanthenone-4-acetic Acid (DMXAA) Activates Stimulator of Interferon Gene (STING)-dependent Innate Immune Pathways and Is Regulated by Mitochondrial Membrane Potential. Journal of Biological Chemistry, 2012, 287, 39776-39788.	1.6	169
35	Association of TLR4 Polymorphisms with Symptomatic Respiratory Syncytial Virus Infection in High-Risk Infants and Young Children. Journal of Immunology, 2007, 179, 3171-3177.	0.4	168
36	Differential Induction of Endotoxin Tolerance by Lipopolysaccharides Derived from Porphyromonas gingivalis and Escherichia coli. Journal of Immunology, 2001, 167, 5278-5285.	0.4	167

#	Article	IF	Citations
37	Role of TLR4 Tyrosine Phosphorylation in Signal Transduction and Endotoxin Tolerance. Journal of Biological Chemistry, 2007, 282, 16042-16053.	1.6	167
38	Induction of IFN-Î³ in macrophages by lipopolysaccharide. International Immunology, 1993, 5, 1383-1392.	1.8	161
39	Sustained Generation of Nitric Oxide and Control of Mycobacterial Infection Requires Argininosuccinate Synthase 1. Cell Host and Microbe, 2012, 12, 313-323.	5.1	154
40	Induction of Tolerance to Lipopolysaccharide and Mycobacterial Components in Chinese Hamster Ovary/CD14 Cells Is Not Affected by Overexpression of Toll-Like Receptors 2 or 4. Journal of Immunology, 2001, 167, 2257-2267.	0.4	151
41	Pivotal Advance: Activation of cell surface Toll-like receptors causes shedding of the hemoglobin scavenger receptor CD163. Journal of Leukocyte Biology, 2006, 80, 26-35.	1.5	145
42	Type I IL-4Rs Selectively Activate IRS-2 to Induce Target Gene Expression in Macrophages. Science Signaling, 2008, 1, ra17.	1.6	142
43	Contribution of Interferon-Î² to the Murine Macrophage Response to the Toll-like Receptor 4 Agonist, Lipopolysaccharide. Journal of Biological Chemistry, 2006, 281, 31119-31130.	1.6	139
44	The chemotherapeutic agent DMXAA potently and specifically activates the TBK1â€“IRF-3 signaling axis. Journal of Experimental Medicine, 2007, 204, 1559-1569.	4.2	137
45	Pulmonary and Hepatic Gene Expression following Cecal Ligation and Puncture: Monophosphoryl Lipid A Prophylaxis Attenuates Sepsis-Induced Cytokine and Chemokine Expression and Neutrophil Infiltration. Infection and Immunity, 1998, 66, 3569-3578.	1.0	126
46	Flagellin of Enteropathogenic Escherichia coli Stimulates Interleukin-8 Production in T84 Cells. Infection and Immunity, 2003, 71, 2120-2129.	1.0	125
47	Interferon Regulatory Factor (Irf)-1 and Irf-2 Regulate Interferon Î³â€“Dependent Cyclooxygenase 2 Expression. Journal of Experimental Medicine, 2000, 191, 2131-2144.	4.2	124
48	Inhibition of TLR2 signaling by small molecule inhibitors targeting a pocket within the TLR2 TIR domain. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5455-5460.	3.3	124
49	Analysis of Proteinase-activated Receptor 2 and TLR4 Signal Transduction. Journal of Biological Chemistry, 2008, 283, 24314-24325.	1.6	122
50	Toll-Like Receptor 2 Is Required for Inflammatory Responses to Francisella tularensis LVS. Infection and Immunity, 2006, 74, 2809-2816.	1.0	121
51	Francisella tularensisLive Vaccine Strain Induces Macrophage Alternative Activation as a Survival Mechanism. Journal of Immunology, 2008, 181, 4159-4167.	0.4	121
52	Murine B Cell Response to TLR7 Ligands Depends on an IFN-Î² Feedback Loop. Journal of Immunology, 2009, 183, 1569-1576.	0.4	119
53	TLR4 Signaling Is Coupled to SRC Family Kinase Activation, Tyrosine Phosphorylation of Zonula Adherens Proteins, and Opening of the Paracellular Pathway in Human Lung Microvascular Endothelia. Journal of Biological Chemistry, 2008, 283, 13437-13449.	1.6	115
54	Induced pluripotent stem cell model recapitulates pathologic hallmarks of Gaucher disease. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18054-18059.	3.3	115

#	Article	IF	Citations
55	CD14 dependence of TLR4 endocytosis and TRIF signaling displays ligand specificity and is dissociable in endotoxin tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8391-8396.	3.3	115
56	The Asp299Gly Polymorphism Alters TLR4 Signaling by Interfering with Recruitment of MyD88 and TRIF. Journal of Immunology, 2012, 188, 4506-4515.	0.4	114
57	Up-regulation of human monocyte CD163 upon activation of cell-surface Toll-like receptors. Journal of Leukocyte Biology, 2007, 81, 663-671.	1.5	113
58	Antigen-specific B-1a antibodies induced byFrancisella tularensisLPS provide long-term protection againstF. tularensisLVS challenge. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4343-4348.	3.3	111
59	Transcriptional Regulation of Murine IL-33 by TLR and Non-TLR Agonists. Journal of Immunology, 2012, 189, 50-60.	0.4	107
60	TLR4 antagonist FP7 inhibits LPS-induced cytokine production and glycolytic reprogramming in dendritic cells, and protects mice from lethal influenza infection. Scientific Reports, 2017, 7, 40791.	1.6	105
61	Toll-Like Receptor 2-Mediated Signaling Requirements for Francisella tularensis Live Vaccine Strain Infection of Murine Macrophages. Infection and Immunity, 2007, 75, 4127-4137.	1.0	104
62	Immunologic Consequences ofFrancisella tularensisLive Vaccine Strain Infection: Role of the Innate Immune Response in Infection and Immunity. Journal of Immunology, 2006, 176, 6888-6899.	0.4	102
63	Cutting Edge: Mycobacterium tuberculosis but Not Nonvirulent Mycobacteria Inhibits IFN-Î² and AIM2 Inflammasomeâ€"Dependent IL-1Î² Production via Its ESX-1 Secretion System. Journal of Immunology, 2013, 191, 3514-3518.	0.4	102
64	The Transcription Factor Interferon Regulatory Factor 1 Is Expressed after Cerebral Ischemia and Contributes to Ischemic Brain Injury. Journal of Experimental Medicine, 1999, 189, 719-727.	4.2	96
65	Mice deficient in the CXCR2 ligand, CXCL1 (KC/GRO-Î±), exhibit increased susceptibility to dextran sodium sulfate (DSS)-induced colitis. Innate Immunity, 2008, 14, 117-124.	1.1	94
66	Toll-like Receptors 2 and 4 Activate STAT1 Serine Phosphorylation by Distinct Mechanisms in Macrophages. Journal of Biological Chemistry, 2003, 278, 22506-22512.	1.6	93
67	An essential role for IFN-Î² in the induction of IFN-stimulated gene expression by LPS in macrophages. Journal of Leukocyte Biology, 2014, 96, 591-600.	1.5	93
68	Toll-Like Receptor (TLR)2 and TLR4 Agonists Regulate CCR Expression in Human Monocytic Cells. Journal of Immunology, 2004, 172, 4977-4986.	0.4	91
69	The TLR4 agonist, monophosphoryl lipid A, attenuates the cytokine storm associated with respiratory syncytial virus vaccine-enhanced disease. Vaccine, 2006, 24, 5027-5035.	1.7	91
70	Annexin A2 tetramer activates human and murine macrophages through TLR4. Blood, 2010, 115, 549-558.	0.6	90
71	INDUCTION OF PROINFLAMMATORY AND CHEMOKINE GENES BY LIPOPOLYSACCHARIDE AND PACLITAXEL (Taxolâ„¢) IN MURINE AND HUMAN BREAST CANCER CELL LINES. Cytokine, 2001, 15, 156-165.	1.4	88
72	Toll-Like Receptor 4 and Toll-IL-1 Receptor Domain-Containing Adapter Protein (TIRAP)/Myeloid Differentiation Protein 88 Adapter-Like (Mal) Contribute to Maximal IL-6 Expression in Macrophages. Journal of Immunology, 2002, 169, 5874-5880.	0.4	87

#	Article	IF	Citations
73	The Proteasome as a Lipopolysaccharide-Binding Protein in Macrophages: Differential Effects of Proteasome Inhibition on Lipopolysaccharide-Induced Signaling Events. Journal of Immunology, 2003, 171, 1515-1525.	0.4	83
74	Differential Involvement of BB Loops of Toll-IL-1 Resistance (TIR) Domain-Containing Adapter Proteins in TLR4- versus TLR2-Mediated Signal Transduction. Journal of Immunology, 2005, 175, 494-500.	0.4	82
75	THE ROLE OF INTERLEUKIN 1 IN ACUTE PHASE SERUM AMYLOID A (SAA) AND SERUM AMYLOID P (SAP) BIOSYNTHESIS. Annals of the New York Academy of Sciences, 1982, 389, 137-150.	1.8	81
76	Differential Activation of Human TLR4 by Escherichia coli and Shigella flexneri 2a Lipopolysaccharide: Combined Effects of Lipid A Acylation State and TLR4 Polymorphisms on Signaling. Journal of Immunology, 2008, 180, 1139-1147.	0.4	80
77	Macrophage Proinflammatory Response to Francisella tularensis Live Vaccine Strain Requires Coordination of Multiple Signaling Pathways. Journal of Immunology, 2008, 180, 6885-6891.	0.4	78
78	Interferon-Î² Plays a Detrimental Role in Experimental Traumatic Brain Injury by Enhancing Neuroinflammation That Drives Chronic Neurodegeneration. Journal of Neuroscience, 2020, 40, 2357-2370.	1.7	78
79	The Proteasome: A Central Regulator of Inflammation and Macrophage Function. Immunologic Research, 2005, 31, 243-260.	1.3	77
80	Novel drugs targeting Toll-like receptors for antiviral therapy. Future Virology, 2014, 9, 811-829.	0.9	76
81	Cutting Edge: Differential Inhibition of TLR Signaling Pathways by Cell-Permeable Peptides Representing BB Loops of TLRs. Journal of Immunology, 2007, 178, 2655-2660.	0.4	72
82	Targeting TLR4 Signaling by TLR4 Toll/IL-1 Receptor Domain-Derived Decoy Peptides: Identification of the TLR4 Toll/IL-1 Receptor Domain Dimerization Interface. Journal of Immunology, 2011, 186, 4819-4827.	0.4	72
83	Respiratory Syncytial Virus (RSV) Infection Induces Cyclooxygenase 2: A Potential Target for RSV Therapy. Journal of Immunology, 2005, 174, 4356-4364.	0.4	70
84	Pro- and Anti-Inflammatory Gene Expression in the Murine Small Intestine and Liver After Chronic Exposure to Alcohol. Alcoholism: Clinical and Experimental Research, 2001, 25, 579-589.	1.4	69
85	New insights for development of a safe and protective RSV vaccine. Hum Vaccin, 2010, 6, 482-492.	2.4	68
86	Targeting Toll-like Receptor (TLR) Signaling by Toll/Interleukin-1 Receptor (TIR) Domain-containing Adapter Protein/MyD88 Adapter-like (TIRAP/Mal)-derived Decoy Peptides. Journal of Biological Chemistry, 2012, 287, 24641-24648.	1.6	67
87	AMP-activated Kinase (AMPK) Promotes Innate Immunity and Antiviral Defense through Modulation of Stimulator of Interferon Genes (STING) Signaling. Journal of Biological Chemistry, 2017, 292, 292-304.	1.6	66
88	Antigen-specific memory in B-1a and its relationship to natural immunity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5388-5393.	3.3	61
89	Regulation of Lipopolysaccharide Sensitivity by IFN Regulatory Factor-2. Journal of Immunology, 2003, 170, 5739-5747.	0.4	59
90	Role of Phosphatidylinositol-3 Kinase in Transcriptional Regulation of TLR-Induced IL-12 and IL-10 by FcÎ³ Receptor Ligation in Murine Macrophages. Journal of Immunology, 2007, 179, 236-246.	0.4	59

#	Article	IF	Citations
91	Induction of Early Inflammatory Gene Expression in a Murine Model of Nonresuscitated, Fixed-Volume Hemorrhage. Shock, 2002, 17, 322-328.	1.0	58
92	An essential role for the antiviral endoribonuclease, RNase-L, in antibacterial immunity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20816-20821.	3.3	58
93	Potential role for alternatively activated macrophages in the secondary bacterial infection during recovery from influenza. Immunology Letters, 2012, 141, 227-234.	1.1	58
94	A Decoy Peptide that Disrupts TIRAP Recruitment to TLRs Is Protective in a Murine Model of Influenza. Cell Reports, 2015, 11, 1941-1952.	2.9	58
95	Comparison of Bone Marrow Progenitors Responsive to Granulocyte-Macrophage Colony Stimulating Factor and Macrophage Colony Stimulating Factor-1. Journal of Leukocyte Biology, 1988, 43, 148-157.	1.5	57
96	Vibrio choleraeFlagellins Induce Toll-Like Receptor 5-Mediated Interleukin-8 Production through Mitogen-Activated Protein Kinase and NF-Î²B Activation. Infection and Immunity, 2008, 76, 5524-5534.	1.0	57
97	Cutting Edge: Expression of IL-1 Receptor-Associated Kinase-4 (IRAK-4) Proteins with Mutations Identified in a Patient with Recurrent Bacterial Infections Alters Normal IRAK-4 Interaction with Components of the IL-1 Receptor Complex. Journal of Immunology, 2005, 174, 6587-6591.	0.4	56
98	LPS-Induced Formation of Immunoproteasomes: TNF-Î± and Nitric Oxide Production are Regulated by Altered Composition of Proteasome-Active Sites. Cell Biochemistry and Biophysics, 2011, 60, 77-88.	0.9	56
99	Antigen-specific antibody responses in B-1a and their relationship to natural immunity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5382-5387.	3.3	56
100	Regulation of gene expression in mouse macrophages stimulated with bacterial CpG-DNA and lipopolysaccharide. Journal of Leukocyte Biology, 2002, 72, 1234-45.	1.5	54
101	Differential Modulation of Macrophage Membrane Markers by Interferon: Analysis of Fc and C3b Receptors, Mac-1 and Ia Antigen Expression. Journal of Interferon Research, 1983, 3, 153-160.	1.2	53
102	Mastoparan, a G Protein Agonist Peptide, Differentially Modulates TLR4- and TLR2-Mediated Signaling in Human Endothelial Cells and Murine Macrophages. Journal of Immunology, 2005, 174, 4252-4261.	0.4	52
103	The IFN-Inducible GTPase LRG47 (Irgm1) Negatively Regulates TLR4-Triggered Proinflammatory Cytokine Production and Prevents Endotoxemia. Journal of Immunology, 2007, 179, 5514-5522.	0.4	52
104	Dissociation of Endotoxin Tolerance and Differentiation of Alternatively Activated Macrophages. Journal of Immunology, 2013, 190, 4763-4772.	0.4	52
105	Lipopolysaccharide-induced production of tumor necrosis factor activity in rats with and without risk factors for stroke. Brain Research, 1991, 541, 115-120.	1.1	51
106	Salmonella Typhimurium Co-Opts the Host Type I IFN System To Restrict Macrophage Innate Immune Transcriptional Responses Selectively. Journal of Immunology, 2015, 195, 2461-2471.	0.4	51
107	KEY INFLAMMATORY SIGNALING PATHWAYS ARE REGULATED BY THE PROTEASOME. Shock, 2006, 25, 472-484.	1.0	50
108	Sialyl Residues Modulate LPS-Mediated Signaling through the Toll-Like Receptor 4 Complex. PLoS ONE, 2012, 7, e32359.	1.1	49

#	Article	IF	Citations
109	The role of RAGE in host pathology and crosstalk between RAGE and TLR4 in innate immune signal transduction pathways. FASEB Journal, 2020, 34, 15659-15674.	0.2	48
110	Febrile-range temperature modifies cytokine gene expression in LPS-stimulated macrophages by differentially modifying NF-Î²B recruitment to cytokine gene promoters. American Journal of Physiology - Cell Physiology, 2010, 298, C171-C181.	2.1	47
111	Recruitment of TLR adapter TRIF to TLR4 signaling complex is mediated by the second helical region of TRIF TIR domain. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19036-19041.	3.3	47
112	Identifying and hurdling obstacles to translational research. Nature Reviews Immunology, 2007, 7, 77-82.	10.6	46
113	TLR4-mediated activation of dendritic cells by the heat shock protein DnaK fromFrancisella tularensis. Journal of Leukocyte Biology, 2008, 84, 1434-1446.	1.5	46
114	The anti-tumor agent, 5,6-dimethylxanthenone-4-acetic acid (DMXAA), induces IFN-Î²-mediated antiviral activity in vitro and in vivo. Journal of Leukocyte Biology, 2010, 89, 351-357.	1.5	46
115	Proteinase-activated receptor 2 activation promotes an anti-inflammatory and alternatively activated phenotype in LPS-stimulated murine macrophages. Innate Immunity, 2012, 18, 193-203.	1.1	46
116	Inhibition of TLR-4/MD-2 signaling by RP105/MD-1. Journal of Endotoxin Research, 2005, 11, 363-368.	2.5	45
117	Toll-like receptor 4 signalling: new perspectives on a complex signal-transduction problem. Biochemical Society Transactions, 2003, 31, 664-668.	1.6	44
118	Inhibition of TLR4 Signaling by TRAM-Derived Decoy Peptides In Vitro and In Vivo. Journal of Immunology, 2013, 190, 2263-2272.	0.4	44
119	Autocrineâ€“paracrine prostaglandin E2 signaling restricts TLR4 internalization and TRIF signaling. Nature Immunology, 2018, 19, 1309-1318.	7.0	44
120	SHORT COMMUNICATION: Bone Marrow Progenitors Cultured in the Presence of Granulocyte-Macrophage Colony-Stimulating Factor Versus Macrophage Colony-Stimulating Factor Differentiate Into Macrophages With Distinct Tumoricidal Capacities. Journal of Leukocyte Biology, 1988, 43, 471-476.	1.5	43
121	Limited Role of Ceramide in Lipopolysaccharide-mediated Mitogen-activated Protein Kinase Activation, Transcription Factor Induction, and Cytokine Release. Journal of Biological Chemistry, 1999, 274, 9342-9350.	1.6	43
122	Transcriptional regulation of lipopolysaccharide (LPS)-induced Toll-like receptor (TLR) expression in murine macrophages: role of interferon regulatory factors 1 (IRF-1) and 2 (IRF-2). Journal of Endotoxin Research, 2006, 12, 285-295.	2.5	43
123	Induction of Adrenomedullin mRNA and Protein by Lipopolysaccharide and Paclitaxel (Taxol) in Murine Macrophages. Infection and Immunity, 1998, 66, 4669-4675.	1.0	43
124	Host Immune Response to Salmonella enterica Serovar Typhimurium Infection in Mice Derived from Wild Strains. Infection and Immunity, 2002, 70, 1997-2009.	1.0	42
125	Cell-penetrating TIR BB loop decoy peptides. Expert Opinion on Biological Therapy, 2007, 7, 1035-1050.	1.4	42
126	TRAF6 Protein Couples Toll-like Receptor 4 Signaling to Src Family Kinase Activation and Opening of Paracellular Pathway in Human Lung Microvascular Endothelia. Journal of Biological Chemistry, 2012, 287, 16132-16145.	1.6	42

#	Article	IF	Citations
127	Reprogramming of Murine Macrophages through TLR2 Confers Viral Resistance via TRAF3-Mediated, Enhanced Interferon Production. PLoS Pathogens, 2013, 9, e1003479.	2.1	42
128	Differential Production of IFN-Î±/Î² by CSF-1- and GM-CSF-Derived Macrophages. Journal of Leukocyte Biology, 1990, 48, 43-49.	1.5	41
129	Impaired IFN-Î³ Production in IFN Regulatory Factor-1 Knockout Mice During Endotoxemia Is Secondary to a Loss of Both IL-12 and IL-12 Receptor Expression. Journal of Immunology, 2000, 165, 3970-3977.	0.4	40
130	Characterization of rationally attenuated Francisella tularensis vaccine strains that harbor deletions in the guaA and guaB genes. Vaccine, 2009, 27, 2426-2436.	1.7	40
131	Influenza â€œTrainsâ€•the Host for Enhanced Susceptibility to Secondary Bacterial Infection. MBio, 2019, 10, .	1.8	40
132	Bacillus anthracis spores and lethal toxin induce ILâ€1Î² via functionally distinct signaling pathways. European Journal of Immunology, 2008, 38, 1574-1584.	1.6	38
133	Serum High-Mobility-Group Box 1 as a Biomarker and a Therapeutic Target during Respiratory Virus Infections. MBio, 2018, 9, .	1.8	38
134	Complete Dependence on IRAK4 Kinase Activity in TLR2, but Not TLR4, Signaling Pathways Underlies Decreased Cytokine Production and Increased Susceptibility to Streptococcus pneumoniae Infection in IRAK4 Kinaseâ€“Inactive Mice. Journal of Immunology, 2013, 190, 307-316.	0.4	37
135	Space and time: New considerations about the relationship between Toll-like receptors (TLRs) and type I interferons (IFNs). Cytokine, 2015, 74, 171-174.	1.4	37
136	Overexpression of CD14, TLR4, and MD-2 in HEK 293T cells does not prevent induction of in vitro endotoxin tolerance. Journal of Endotoxin Research, 2003, 9, 60-64.	2.5	36
137	Epigenetic Mechanisms Governing Innate Inflammatory Responses. Journal of Interferon and Cytokine Research, 2016, 36, 454-461.	0.5	36
138	Phagosomal retention of Francisella tularensis results in TIRAP/Mal-independent TLR2 signaling. Journal of Leukocyte Biology, 2009, 87, 275-281.	1.5	35
139	Bacterial LPS and CpG DNA differentially induce gene expression profiles in mouse macrophages. Journal of Endotoxin Research, 2003, 9, 237-243.	2.5	34
140	A recombinant anchorless respiratory syncytial virus (RSV) fusion (F) protein/monophosphoryl lipid A (MPL) vaccine protects against RSV-induced replication and lung pathology. Vaccine, 2014, 32, 1495-1500.	1.7	33
141	Bordetella pertussis adenylate cyclase toxin (ACT) induces cyclooxygenase-2 (COX-2) in murine macrophages and is facilitated by ACT interaction with CD11b/CD18 (Mac-1). Molecular Microbiology, 2007, 66, 1003-1015.	1.2	31
142	BCG-induced enhancement of endotoxin sensitivity in C3H/HeJ mice. II. T cell modulation of macrophage sensitivity to LPS in vitro. Immunobiology, 1982, 160, 479-493.	0.8	30
143	Targeting TLR4 Signaling to Blunt Viral-Mediated Acute Lung Injury. Frontiers in Immunology, 2021, 12, 705080.	2.2	30
144	Single Nucleotide Polymorphism in Toll-like Receptor 6 Is Associated With a Decreased Risk for Ureaplasma Respiratory Tract Colonization and Bronchopulmonary Dysplasia in Preterm Infants. Pediatric Infectious Disease Journal, 2013, 32, 898-904.	1.1	30

#	Article	IF	Citations
145	The Immunoproteasomes Regulate LPS-Induced TRIF/TRAM Signaling Pathway in Murine Macrophages. Cell Biochemistry and Biophysics, 2011, 60, 119-126.	0.9	29
146	Neuraminidase Reprograms Lung Tissue and Potentiates Lipopolysaccharide-Induced Acute Lung Injury in Mice. Journal of Immunology, 2013, 191, 4828-4837.	0.4	29
147	Mycobacterium tuberculosisInhibits Autocrine Type I IFN Signaling to Increase Intracellular Survival. Journal of Immunology, 2019, 202, 2348-2359.	0.4	29
148	A Role for Stat1 in the Regulation of Lipopolysaccharide-Induced Interleukin-1Î²Expression. Journal of Interferon and Cytokine Research, 2006, 26, 739-747.	0.5	28
149	Enterovirus D-68 Infection, Prophylaxis, and Vaccination in a Novel Permissive Animal Model, the Cotton Rat (Sigmodon hispidus). PLoS ONE, 2016, 11, e0166336.	1.1	28
150	Mutations in TLR4 signaling that lead to increased susceptibility to infection in humans: an overview. Journal of Endotoxin Research, 2005, 11, 333-339.	2.5	27
151	IFN Regulatory Factor-2 Regulates Macrophage Apoptosis through a STAT1/3- and Caspase-1-Dependent Mechanism. Journal of Immunology, 2007, 178, 3602-3611.	0.4	26
152	A combination of proteasome inhibitors and antibiotics prevents lethality in a septic shock model. Innate Immunity, 2008, 14, 319-329.	1.1	26
153	Differential effects of interferon-Î³ and glucocorticoids on FcÎ³R gene expression in murine macrophages. Journal of Leukocyte Biology, 1993, 54, 451-457.	1.5	25
154	Inhibition of LPS-induced Cytokines by Bcl-xL in a Murine Macrophage Cell Line. Journal of Immunology, 2000, 165, 2729-2737.	0.4	25
155	Interferon regulatory factor-1 immunoreactivity in neurons and inflammatory cells following ischemic stroke in rodents and humans. Acta Neuropathologica, 2003, 105, 420-424.	3.9	25
156	Role of TLR signaling inFrancisella tularensis-LPS-induced, antibody-mediated protection againstFrancisella tularensischallenge. Journal of Leukocyte Biology, 2011, 90, 787-797.	1.5	25
157	A multifaceted approach to RSV vaccination. Human Vaccines and Immunotherapeutics, 2018, 14, 1734-1745.	1.4	23
158	Invited review: Tolerance to microbial TLR ligands: molecular mechanisms and relevance to disease. Journal of Endotoxin Research, 2006, 12, 133-150.	2.5	22
159	Novel Catanionic Surfactant Vesicle Vaccines Protect against Francisella tularensis LVS and Confer Significant Partial Protection against F. tularensis Schu S4 Strain. Vaccine Journal, 2014, 21, 212-226.	3.2	22
160	Early or Late Bacterial Lung Infection Increases Mortality After Traumatic Brain Injury in Male Mice and Chronically Impairs Monocyte Innate Immune Function. Critical Care Medicine, 2020, 48, e418-e428.	0.4	22
161	Classically activated mouse macrophages produce methylglyoxal that induces a TLR4- and RAGE-independent proinflammatory response. Journal of Leukocyte Biology, 2021, 109, 605-619.	1.5	22
162	cAMP levels regulate macrophage alternative activation marker expression. Innate Immunity, 2021, 27, 133-142.	1.1	22

#	Article	IF	Citations
163	Measurement of Antiviral Activity Induced by Interferons Î±, Î², and Î³. Current Protocols in Immunology, 1991, 00, Unit 6.9.	3.6	21
164	Roles of neutrophils in the regulation of the extent of human inflammation through delivery of IL-1 and clearance of chemokines. Journal of Leukocyte Biology, 2013, 93, 7-19.	1.5	21
165	Microbiota-Derived Metabolites, Indole-3-aldehyde and Indole-3-acetic Acid, Differentially Modulate Innate Cytokines and Stromal Remodeling Processes Associated with Autoimmune Arthritis. International Journal of Molecular Sciences, 2021, 22, 2017.	1.8	21
166	Members of the Francisella tularensis Phagosomal Transporter Subfamily of Major Facilitator Superfamily Transporters Are Critical for Pathogenesis. Infection and Immunity, 2012, 80, 2390-2401.	1.0	20
167	Modeling Human Respiratory Viral Infections in the Cotton Rat (Sigmodon hispidus). Journal of Antivirals & Antiretrovirals, 2014, 06, 40-42.	0.1	20
168	PROTEASOME-MEDIATED REGULATION OF CPG DNA- AND PEPTIDOGLYCAN-INDUCED CYTOKINES, INFLAMMATORY GENES, AND MITOGEN-ACTIVATED PROTEIN KINASE ACTIVATION. Shock, 2006, 25, 594-599.	1.0	19
169	A variety of novel lipid A structures obtained from Francisella tularensis live vaccine strain. Innate Immunity, 2012, 18, 268-278.	1.1	19
170	A mouse model of human TLR4 D299G/T399I SNPs reveals mechanisms of altered LPS and pathogen responses. Journal of Experimental Medicine, 2021, 218, .	4.2	19
171	IRAK4 kinase activity is not required for induction of endotoxin tolerance but contributes to TLR2-mediated tolerance. Journal of Leukocyte Biology, 2013, 94, 291-300.	1.5	18
172	The Î¸-defensin retrocyclin 101 inhibits TLR4- and TLR2-dependent signaling and protects mice against influenza infection. Journal of Leukocyte Biology, 2017, 102, 1103-1113.	1.5	18
173	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
174	Lipopolysaccharide and Its Analog Antagonists Display Differential Serum Factor Dependencies for Induction of Cytokine Genes in Murine Macrophages. Infection and Immunity, 1998, 66, 2562-2569.	1.0	17
175	Multiple pathways of interferon-induced gene expression in murine macrophages. Journal of Leukocyte Biology, 1993, 53, 583-590.	1.5	16
176	Characterization of Francisella tularensis Schu S4 defined mutants as live-attenuated vaccine candidates. Pathogens and Disease, 2015, 73, ftv036.	0.8	15
177	Preclinical assessment of safety of maternal vaccination against respiratory syncytial virus (RSV) in cotton rats. Vaccine, 2017, 35, 3951-3958.	1.7	15
178	Graunulocyte-Macrophage Colony Stimulating Factor (GM-CSF) and Macrophage Colony Stimulating Factor (CSF-1) Synergize to Stimulate Progenitor Cells With High Proliferative Potential. Journal of Leukocyte Biology, 1988, 44, 455-464.	1.5	14
179	Modulation of hepatic PPAR expression during Ft LVS LPS-induced protection from Francisella tularensis LVS infection. BMC Infectious Diseases, 2010, 10, 10.	1.3	14
180	Enhanced allergic responsiveness after early childhood infection with respiratory viruses: Are long-lived alternatively activated macrophages the missing link?. Pathogens and Disease, 2016, 74, ftw047.	0.8	14

#	Article	IF	Citations
181	C5a Activates a Pro-Inflammatory Gene Expression Profile in Human Gaucher iPSC-Derived Macrophages. International Journal of Molecular Sciences, 2021, 22, 9912.	1.8	14
182	Stimulation of Spleen Cells and Macrophages of C3H/HeJ Mice by a Lipid A Precursor Derived from Salmonella typhimurium. Clinical Infectious Diseases, 1984, 6, 535-541.	2.9	13
183	Down-regulation of Ia expression on macrophages by sea star factor. Cellular Immunology, 1985, 90, 408-415.	1.4	13
184	SHORT COMMUNICATION: Use of Serum-Free, Compositionally Defined Medium for Analysis of Macrophage Differentiation In Vitro. Journal of Leukocyte Biology, 1988, 44, 136-142.	1.5	13
185	Species-specific TLR signalling â€" insight into human disease. Nature Reviews Rheumatology, 2016, 12, 198-200.	3.5	13
186	Detection and analysis of the 80-kd lipopolysaccharide receptor in macrophages derived from Lpsn and Lpsd mice. Journal of Leukocyte Biology, 1992, 51, 501-506.	1.5	12
187	Nuclear Factor ÎºB2 p52 Protein Has a Role in Antiviral Immunity through IÎºB Kinase Ïµ-dependent Induction of Sp1 Protein and Interleukin 15. Journal of Biological Chemistry, 2013, 288, 25066-25075.	1.6	12
188	Agents that increase AAM differentiation blunt RSV-mediated lung pathology. Journal of Leukocyte Biology, 2014, 96, 951-955.	1.5	12
189	Parasitologic and Immunologic Studies of Experimental Plasmodium falciparum Infection in Nonsplenectomized Chimpanzees (Pan troglodytes). American Journal of Tropical Medicine and Hygiene, 1985, 34, 36-44.	0.6	12
190	Monophosphoryl Lipid A Enhances Efficacy of a Francisella tularensis LVS-Catanionic Nanoparticle Subunit Vaccine against F. tularensis Schu S4 Challenge by Augmenting both Humoral and Cellular Immunity. Vaccine Journal, 2017, 24, .	3.2	11
191	Myeloid-derived suppressor cells are bound and inhibited by anti-thymocyte globulin. Innate Immunity, 2019, 25, 46-59.	1.1	11
192	Select targeting of intracellular Toll-interleukin-1 receptor resistance domains for protection against influenza-induced disease. Innate Immunity, 2020, 26, 26-34.	1.1	11
193	Immunoregulation of the Mixed Lymphocyte Reaction by Macrophage-Derived Factors: Functional and Biochemical Separation of Enhancing and Inhibitory Factors. Immunobiology, 1983, 164, 144-159.	0.8	10
194	Examination of macrophage cell surface antigen regulation by rIFN-Î³ and IFN-Î±/Î² utilizing digital imaging by a novel laser detection system. Journal of Immunological Methods, 1989, 123, 9-18.	0.6	10
195	Labeling of Oxidizable Proteins with a Photoactivatable Analog of the Antitumor Agent DMXAA: Evidence for Redox Signaling in Its Mode of Action. Neoplasia, 2010, 12, 755-IN3.	2.3	10
196	CpG DNA induced IL-12 p40 gene activation is independent of STAT1 activation or production of interferon consensus sequence binding protein. Journal of Biomedical Science, 2002, 9, 688-696.	2.6	9
197	Immunization with Live Human Rhinovirus (HRV) 16 Induces Protection in Cotton Rats against HRV14 Infection. Frontiers in Microbiology, 2017, 8, 1646.	1.5	9
198	Role of C5a in the Induction of Tumoricidal Activity in C3H/HeJ (Lps d) and C3H/OuJ (Lps n) Macrophages. Journal of Leukocyte Biology, 1989, 46, 565-570.	1.5	7

#	Article	IF	Citations
199	How Discovery of Toll-Mediated Innate Immunity in Drosophila Impacted Our Understanding of TLR Signaling (and Vice Versa). Journal of Immunology, 2012, 188, 5207-5209.	0.4	7
200	Dissociation of TRIF bias and adjuvanticity. Vaccine, 2020, 38, 4298-4308.	1.7	7
201	Characterization of Schu S4 aro mutants as live attenuated tularemia vaccine candidates. Virulence, 2020, 11, 283-294.	1.8	7
202	Interferon Î±-induced changes in FcÎ³ R-specific mRNA expression and isotype-specific, FcÎ³ R-mediated phagocytosis in C3H/OuJ (Lps n) and C3H/HeJ (Lps d) macrophages. Journal of Leukocyte Biology, 1992, 51, 300-304.	1.5	6
203	A novel cell-based system for the rapid quantitative evaluation of (anti)-inflammatory potential of test substances. Journal of Immunological Methods, 2003, 281, 51-63.	0.6	6
204	THE PROTEASOME REGULATES BACTERIAL CpG DNA-INDUCED SIGNALING PATHWAYS IN MURINE MACROPHAGES. Shock, 2010, 34, 390-401.	1.0	6
205	Novel role of gastrin releasing peptide-mediated signaling in the host response to influenza infection. Mucosal Immunology, 2019, 12, 223-231.	2.7	6
206	Evaluation of mechanisms of action of re-purposed drugs for treatment of COVID-19. Cellular Immunology, 2020, 358, 104240.	1.4	6
207	Type I interferon licenses enhanced innate recognition and transcriptional responses to Franciscella tularensis live vaccine strain. Innate Immunity, 2016, 22, 363-372.	1.1	5
208	Measurement of Tumor Necrosis Factor Î± and Î². Current Protocols in Immunology, 2000, 37, Unit 6.10.	3.6	4
209	A Nonlethal Murine Flame Burn Model Leads to a Transient Reduction in Host Defenses and Enhanced Susceptibility to Lethal Pseudomonas aeruginosa Infection. Infection and Immunity, 2021, 89, e0009121.	1.0	4
210	Mice Expressing Cosegregating Single Nucleotide Polymorphisms (D298G and N397I) in TLR4 Have Enhanced Responses to House Dust Mite Allergen. Journal of Immunology, 2022, 208, 2085-2097.	0.4	4
211	Paclitaxel (Taxol)-Induced Killing ofLeishmania major in Murine Macrophages. Infection and Immunity, 1998, 66, 4553-4556.	1.0	4
212	CpG DNA induced IL-12 p40 gene activation is independent of STAT1 activation or production of interferon consensus sequence binding protein. Journal of Biomedical Science, 2002, 9, 688-96.	2.6	4
213	Quantitation of TLR4 Internalization in Response to LPS in Thioglycollate Elicited Peritoneal Mouse Macrophages by Flow Cytometry. Bio-protocol, 2019, 9, .	0.2	3
214	Measurement of Tumor Necrosis Factor and Lymphotoxins. Current Protocols in Immunology, 2017, 117, 6.10.1-6.10.7.	3.6	2
215	IRAK-4: A key kinase involved in toll-like receptor signaling and resistance to bacterial infection. , 2006, , 173-192.		1
216	Pro- and Anti-Inflammatory Gene Expression in the Murine Small Intestine and Liver After Chronic Exposure to Alcohol. Alcoholism: Clinical and Experimental Research, 2001, 25, 579-589.	1.4	1

#	Article	IF	Citations
217	Measurement of FcÎ³ Receptorâ€“Mediated Binding and Phagocytosis. Current Protocols in Immunology, 1995, 13, 14.8.1.	3.6	0
218	International Endotoxin and Innate Immunity Society (IEIIS): a new name for new times. Journal of Endotoxin Research, 2005, 11, 68-68.	2.5	0
219	Toll-Like Receptors in the Mammalian Innate Immune System. Nucleic Acids and Molecular Biology, 2008, , 135-167.	0.2	0
220	Antigenâ€induced Bâ€1 class switch and persistent Bâ€1 memory. FASEB Journal, 2008, 22, 368-368.	0.2	0