Takeuchi Osamu

List of Publications by Citations

216 papers	72,131 citations	105 h-index	224 g-index
224 ext. papers	79,369 ext. citations	12.6 avg, IF	7.72 L-index

#	Paper	IF	Citations
216	Pathogen recognition and innate immunity. *Cell*, **2006**, 124, 783-801	56.2	8282
215	Pattern recognition receptors and inflammation. *Cell*, **2010**, 140, 805-20	56.2	5306
214	A Toll-like receptor recognizes bacterial DNA. *Nature*, **2000**, 408, 740-5	50.4	5206
213	Differential roles of MDA5 and RIG-I helicases in the recognition of RNA viruses. *Nature*, **2006**, 441, 101-5	50.4	2807
212	Differential roles of TLR2 and TLR4 in recognition of gram-negative and gram-positive bacterial cell wall components. *Immunity*, **1999**, 11, 443-51	32.3	2719
211	Role of adaptor TRIF in the MyD88-independent toll-like receptor signaling pathway. *Science*, **2003**, 301, 640-3	33.3	2452
210	Small anti-viral compounds activate immune cells via the TLR7 MyD88-dependent signaling pathway. *Nature Immunology*, **2002**, 3, 196-200	19.1	2003
209	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. *Nature Immunology*, **2005**, 6, 981-8	19.1	1954
208	Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL-1beta production. *Nature*, **2008**, 456, 264-8	50.4	1560
207	TRIM25 RING-finger E3 ubiquitin ligase is essential for RIG-I-mediated antiviral activity. *Nature*, **2007**, 446, 916-920	50.4	1135
206	Length-dependent recognition of double-stranded ribonucleic acids by retinoic acid-inducible gene-I and melanoma differentiation-associated gene 5. *Journal of Experimental Medicine*, **2008**, 205, 1601-10	16.6	1105
205	Cell type-specific involvement of RIG-I in antiviral response. *Immunity*, **2005**, 23, 19-28	32.3	1074
204	Cutting edge: role of Toll-like receptor 1 in mediating immune response to microbial lipoproteins. *Journal of Immunology*, **2002**, 169, 10-4	5.3	1071
203	Discrimination of bacterial lipoproteins by Toll-like receptor 6. *International Immunology*, **2001**, 13, 933-40	4.9	1012
202	Cutting edge: a novel Toll/IL-1 receptor domain-containing adapter that preferentially activates the IFN-beta promoter in the Toll-like receptor signaling. *Journal of Immunology*, **2002**, 169, 6668-72	5.3	1011
201	Cutting edge: TLR2-deficient and MyD88-deficient mice are highly susceptible to Staphylococcus aureus infection. *Journal of Immunology*, **2000**, 165, 5392-6	5.3	897
200	Lipopolysaccharide stimulates the MyD88-independent pathway and results in activation of IFN-regulatory factor 3 and the expression of a subset of lipopolysaccharide-inducible genes. *Journal of Immunology*, **2001**, 167, 5887-94	5.3	876

199	Innate immunity to virus infection. *Immunological Reviews*, **2009**, 227, 75-86	11.3	866
198	TRAM is specifically involved in the Toll-like receptor 4-mediated MyD88-independent signaling pathway. *Nature Immunology*, **2003**, 4, 1144-50	19.1	818
197	Essential role for TIRAP in activation of the signalling cascade shared by TLR2 and TLR4. *Nature*, **2002**, 420, 324-9	50.4	809
196	The Jmjd3-Irf4 axis regulates M2 macrophage polarization and host responses against helminth infection. *Nature Immunology*, **2010**, 11, 936-44	19.1	803
195	Interferon-alpha induction through Toll-like receptors involves a direct interaction of IRF7 with MyD88 and TRAF6. *Nature Immunology*, **2004**, 5, 1061-8	19.1	790
194	Essential function for the kinase TAK1 in innate and adaptive immune responses. *Nature Immunology*, **2005**, 6, 1087-95	19.1	734
193	Cyclophilin D is a component of mitochondrial permeability transition and mediates neuronal cell death after focal cerebral ischemia. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 12005-10	11.5	671
192	A Toll-like receptor-independent antiviral response induced by double-stranded B-form DNA. *Nature Immunology*, **2006**, 7, 40-8	19.1	625
191	Recognition of 5′ triphosphate by RIG-I helicase requires short blunt double-stranded RNA as contained in panhandle of negative-strand virus. *Immunity*, **2009**, 31, 25-34	32.3	564
190	Limb and skin abnormalities in mice lacking IKKalpha. *Science*, **1999**, 284, 313-6	33.3	564
189	Induction of direct antimicrobial activity through mammalian toll-like receptors. *Science*, **2001**, 291, 1544-7	33.3	561
188	Atg9a controls dsDNA-driven dynamic translocation of STING and the innate immune response. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 20842-6	11.5	560
187	Direct recognition of the mycobacterial glycolipid, trehalose dimycolate, by C-type lectin Mincle. *Journal of Experimental Medicine*, **2009**, 206, 2879-88	16.6	544
186	SOCS-1 participates in negative regulation of LPS responses. *Immunity*, **2002**, 17, 677-87	32.3	533
185	Cutting edge: preferentially the R-stereoisomer of the mycoplasmal lipopeptide macrophage-activating lipopeptide-2 activates immune cells through a toll-like receptor 2- and MyD88-dependent signaling pathway. *Journal of Immunology*, **2000**, 164, 554-7	5.3	505
184	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. *Nature*, **2008**, 451, 725-9	50.4	484
183	Toll-like receptor 9 mediates innate immune activation by the malaria pigment hemozoin. *Journal of Experimental Medicine*, **2005**, 201, 19-25	16.6	479
182	Activation of toll-like receptor 2 in acne triggers inflammatory cytokine responses. *Journal of Immunology*, **2002**, 169, 1535-41	5.3	470

181	The roles of two IkappaB kinase-related kinases in lipopolysaccharide and double stranded RNA signaling and viral infection. *Journal of Experimental Medicine*, **2004**, 199, 1641-50	16.6	469
180	LGP2 is a positive regulator of RIG-I- and MDA5-mediated antiviral responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 1512-7	11.5	464
179	Zc3h12a is an RNase essential for controlling immune responses by regulating mRNA decay. *Nature*, **2009**, 458, 1185-90	50.4	460
178	Activation of Toll-like receptor-2 by glycosylphosphatidylinositol anchors from a protozoan parasite. *Journal of Immunology*, **2001**, 167, 416-23	5.3	459
177	Stepwise activation of BAX and BAK by tBID, BIM, and PUMA initiates mitochondrial apoptosis. *Molecular Cell*, **2009**, 36, 487-99	17.6	448
176	MDA5/RIG-I and virus recognition. *Current Opinion in Immunology*, **2008**, 20, 17-22	7.8	448
175	Endotoxin-induced maturation of MyD88-deficient dendritic cells. *Journal of Immunology*, **2001**, 166, 5688-94	5.3	418
174	Essential role of IPS-1 in innate immune responses against RNA viruses. *Journal of Experimental Medicine*, **2006**, 203, 1795-803	16.6	407
173	Interleukin-1 receptor-associated kinase-1 plays an essential role for Toll-like receptor (TLR)7- and TLR9-mediated interferon-{alpha} induction. *Journal of Experimental Medicine*, **2005**, 201, 915-23	16.6	397
172	Immune cell activation by bacterial CpG-DNA through myeloid differentiation marker 88 and tumor necrosis factor receptor-associated factor (TRAF)6. *Journal of Experimental Medicine*, **2000**, 192, 595-600	16.6	397
171	Regulation of Toll/IL-1-receptor-mediated gene expression by the inducible nuclear protein IkappaBzeta. *Nature*, **2004**, 430, 218-22	50.4	392
170	Toll-like receptors; their physiological role and signal transduction system. *International Immunopharmacology*, **2001**, 1, 625-35	5.8	370
169	BID, BIM, and PUMA are essential for activation of the BAX- and BAK-dependent cell death program. *Science*, **2010**, 330, 1390-3	33.3	358
168	Detection of pathogenic intestinal bacteria by Toll-like receptor 5 on intestinal CD11c+ lamina propria cells. *Nature Immunology*, **2006**, 7, 868-74	19.1	358
167	Maturation of human dendritic cells by cell wall skeleton of Mycobacterium bovis bacillus Calmette-Guérin: involvement of toll-like receptors. *Infection and Immunity*, **2000**, 68, 6883-90	3.7	352
166	Synergy and cross-tolerance between toll-like receptor (TLR) 2- and TLR4-mediated signaling pathways. *Journal of Immunology*, **2000**, 165, 7096-101	5.3	337
165	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, 574-81	5.3	329
164	Activation of MDA5 requires higher-order RNA structures generated during virus infection. *Journal of Virology*, **2009**, 83, 10761-9	6.6	321

163	Sequential control of Toll-like receptor-dependent responses by IRAK1 and IRAK2. *Nature Immunology*, **2008**, 9, 684-91	19.1	315
162	C-type lectin Mincle is an activating receptor for pathogenic fungus, Malassezia. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 1897-902	11.5	305
161	Alveolar macrophages are the primary interferon-alpha producer in pulmonary infection with RNA viruses. *Immunity*, **2007**, 27, 240-52	32.3	278
160	Recognition of viruses by innate immunity. *Immunological Reviews*, **2007**, 220, 214-24	11.3	274
159	Toll-like receptor-2 modulates ventricular remodeling after myocardial infarction. *Circulation*, **2003**, 108, 2905-10	16.7	252
158	Cellular responses to bacterial cell wall components are mediated through MyD88-dependent signaling cascades. *International Immunology*, **2000**, 12, 113-7	4.9	248
157	Critical roles of myeloid differentiation factor 88-dependent proinflammatory cytokine release in early phase clearance of Listeria monocytogenes in mice. *Journal of Immunology*, **2002**, 169, 3863-8	5.3	242
156	TLR9 as a key receptor for the recognition of DNA. *Advanced Drug Delivery Reviews*, **2008**, 60, 795-804	18.5	239
155	Differential involvement of IFN-beta in Toll-like receptor-stimulated dendritic cell activation. *International Immunology*, **2002**, 14, 1225-31	4.9	239
154	Malt1-induced cleavage of regnase-1 in CD4(+) helper T cells regulates immune activation. *Cell*, **2013**, 153, 1036-49	56.2	230
153	Toll-like receptor 2 plays a role in the early inflammatory response to murine pneumococcal pneumonia but does not contribute to antibacterial defense. *Journal of Immunology*, **2004**, 172, 3132-8	5.3	229
152	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms. *Cell*, **2015**, 161, 1058-1073	56.2	227
151	Key function for the Ubc13 E2 ubiquitin-conjugating enzyme in immune receptor signaling. *Nature Immunology*, **2006**, 7, 962-70	19.1	222
150	Roles of toll-like receptors in C-C chemokine production by renal tubular epithelial cells. *Journal of Immunology*, **2002**, 169, 2026-33	5.3	210
149	Critical role of Trib1 in differentiation of tissue-resident M2-like macrophages. *Nature*, **2013**, 495, 524-8	50.4	207
148	The IB kinase complex regulates the stability of cytokine-encoding mRNA induced by TLR-IL-1R by controlling degradation of regnase-1. *Nature Immunology*, **2011**, 12, 1167-75	19.1	203
147	Lipopolysaccharide-induced IL-18 secretion from murine Kupffer cells independently of myeloid differentiation factor 88 that is critically involved in induction of production of IL-12 and IL-1beta. *Journal of Immunology*, **2001**, 166, 2651-7	5.3	195
146	p53 controls radiation-induced gastrointestinal syndrome in mice independent of apoptosis. *Science*, **2010**, 327, 593-6	33.3	179

145	Synergistic effect of muramyldipeptide with lipopolysaccharide or lipoteichoic acid to induce inflammatory cytokines in human monocytic cells in culture. *Infection and Immunity*, **2001**, 69, 2045-53	3.7	178
144	Akirins are highly conserved nuclear proteins required for NF-kappaB-dependent gene expression in drosophila and mice. *Nature Immunology*, **2008**, 9, 97-104	19.1	177
143	Differential recognition of structural details of bacterial lipopeptides by toll-like receptors. *European Journal of Immunology*, **2002**, 32, 3337-3347	6.1	173
142	TLR7-dependent and FcgammaR-independent production of type I interferon in experimental mouse lupus. *Journal of Experimental Medicine*, **2008**, 205, 2995-3006	16.6	171
141	Plasmodium berghei infection in mice induces liver injury by an IL-12- and toll-like receptor/myeloid differentiation factor 88-dependent mechanism. *Journal of Immunology*, **2001**, 167, 5928-34	5.3	167
140	Essential role of BAX,BAK in B cell homeostasis and prevention of autoimmune disease. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 11272-7	11.5	162
139	Pathogen recognition by innate receptors. *Journal of Infection and Chemotherapy*, **2008**, 14, 86-92	2.2	160
138	Endotoxin can induce MyD88-deficient dendritic cells to support T(h)2 cell differentiation. *International Immunology*, **2002**, 14, 695-700	4.9	160
137	Involvement of toll-like receptor (TLR) 2 and TLR4 in cell activation by mannuronic acid polymers. *Journal of Biological Chemistry*, **2002**, 277, 35489-95	5.4	155
136	Antiviral protein Viperin promotes Toll-like receptor 7- and Toll-like receptor 9-mediated type I interferon production in plasmacytoid dendritic cells. *Immunity*, **2011**, 34, 352-63	32.3	153
135	Genetic analysis of resistance to viral infection. *Nature Reviews Immunology*, **2007**, 7, 753-66	36.5	151
134	TLR2 as an essential molecule for protective immunity against Toxoplasma gondii infection. *International Immunology*, **2003**, 15, 1081-7	4.9	150
133	Essential role of IRAK-4 protein and its kinase activity in Toll-like receptor-mediated immune responses but not in TCR signaling. *Journal of Experimental Medicine*, **2007**, 204, 1013-24	16.6	140
132	A variety of microbial components induce tolerance to lipopolysaccharide by differentially affecting MyD88-dependent and -independent pathways. *International Immunology*, **2002**, 14, 783-91	4.9	138
131	West Nile virus noncoding subgenomic RNA contributes to viral evasion of the type I interferon-mediated antiviral response. *Journal of Virology*, **2012**, 86, 5708-18	6.6	137
130	Mycobacterial infection in TLR2 and TLR6 knockout mice. *Microbiology and Immunology*, **2003**, 47, 327-36	2.7	137
129	Hepatitis C virus nonstructural protein 5A modulates the toll-like receptor-MyD88-dependent signaling pathway in macrophage cell lines. *Journal of Virology*, **2007**, 81, 8953-66	6.6	135
128	Recognition of lipopeptides by Toll-like receptors. *Journal of Endotoxin Research*, **2002**, 8, 459-63		135

127	Double-stranded RNA of intestinal commensal but not pathogenic bacteria triggers production of protective interferon-□*Immunity*, **2013**, 38, 1187-97	32.3	133
126	Arid5a controls IL-6 mRNA stability, which contributes to elevation of IL-6 level in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 9409-14	11.5	130
125	Simultaneous blocking of human Toll-like receptors 2 and 4 suppresses myeloid dendritic cell activation induced by Mycobacterium bovis bacillus Calmette-Guﾨin peptidoglycan. *Infection and Immunity*, **2003**, 71, 4238-49	3.7	130
124	TANK is a negative regulator of Toll-like receptor signaling and is critical for the prevention of autoimmune nephritis. *Nature Immunology*, **2009**, 10, 965-72	19.1	129
123	Suppressor of cytokine signaling-1 selectively inhibits LPS-induced IL-6 production by regulating JAK-STAT. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 17089-94	11.5	128
122	Novel engagement of CD14 and multiple toll-like receptors by group B streptococci. *Journal of Immunology*, **2001**, 167, 7069-76	5.3	126
121	Polyubiquitin conjugation to NEMO by triparite motif protein 23 (TRIM23) is critical in antiviral defense. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 15856-61	11.5	124
120	Expression of toll-like receptor 2 on gamma delta T cells bearing invariant V gamma 6/V delta 1 induced by Escherichia coli infection in mice. *Journal of Immunology*, **2000**, 165, 931-40	5.3	124
119	Pathological role of Toll-like receptor signaling in cerebral malaria. *International Immunology*, **2007**, 19, 67-79	4.9	123
118	Cellular activation, phagocytosis, and bactericidal activity against group B streptococcus involve parallel myeloid differentiation factor 88-dependent and independent signaling pathways. *Journal of Immunology*, **2002**, 169, 3970-7	5.3	121
117	Protein kinase R contributes to immunity against specific viruses by regulating interferon mRNA integrity. *Cell Host and Microbe*, **2010**, 7, 354-61	23.4	118
116	Toll-like receptor 2 mediates Staphylococcus aureus-induced myocardial dysfunction and cytokine production in the heart. *Circulation*, **2004**, 110, 3693-8	16.7	117
115	The Triacylated ATP Binding Cluster Transporter Substrate-binding Lipoprotein of Staphylococcus aureus Functions as a Native Ligand for Toll-like Receptor 2. *Journal of Biological Chemistry*, **2009**, 284, 8406-11	5.4	115
114	Regulation of lipopolysaccharide-inducible genes by MyD88 and Toll/IL-1 domain containing adaptor inducing IFN-beta. *Biochemical and Biophysical Research Communications*, **2005**, 328, 383-92	3.4	114
113	Mycoplasma fermentans lipoprotein M161Ag-induced cell activation is mediated by Toll-like receptor 2: role of N-terminal hydrophobic portion in its multiple functions. *Journal of Immunology*, **2001**, 166, 2610-6	5.3	111
112	TAK1 is indispensable for development of T cells and prevention of colitis by the generation of regulatory T cells. *International Immunology*, **2006**, 18, 1405-11	4.9	107
111	Role of lipoteichoic acid in the phagocyte response to group B streptococcus. *Journal of Immunology*, **2005**, 174, 6449-55	5.3	105
110	Lymphocytoid choriomeningitis virus activates plasmacytoid dendritic cells and induces a cytotoxic T-cell response via MyD88. *Journal of Virology*, **2008**, 82, 196-206	6.6	102

109	Bruton's tyrosine kinase phosphorylates Toll-like receptor 3 to initiate antiviral response. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 5791-6	11.5	101
108	CD19 regulates innate immunity by the toll-like receptor RP105 signaling in B lymphocytes. *Blood*, **2003**, 102, 1374-80	2.2	100
107	Negative regulation of platelet clearance and of the macrophage phagocytic response by the transmembrane glycoprotein SHPS-1. *Journal of Biological Chemistry*, **2002**, 277, 39833-9	5.4	100
106	Pivotal role of RNA-binding E3 ubiquitin ligase MEX3C in RIG-I-mediated antiviral innate immunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 5646-51	11.5	99
105	Akt contributes to activation of the TRIF-dependent signaling pathways of TLRs by interacting with TANK-binding kinase 1. *Journal of Immunology*, **2011**, 186, 499-507	5.3	99
104	Cell activation by Porphyromonas gingivalis lipid A molecule through Toll-like receptor 4- and myeloid differentiation factor 88-dependent signaling pathway. *International Immunology*, **2002**, 14, 1325-32	4.9	96
103	Lipopolysaccharide from Coxiella burnetii is involved in bacterial phagocytosis, filamentous actin reorganization, and inflammatory responses through Toll-like receptor 4. *Journal of Immunology*, **2004**, 172, 3695-703	5.3	94
102	Inhibitory effect of Toll-like receptor 4 on fusion between phagosomes and endosomes/lysosomes in macrophages. *Journal of Immunology*, **2004**, 172, 2039-47	5.3	93
101	Selective roles for antiapoptotic MCL-1 during granulocyte development and macrophage effector function. *Blood*, **2009**, 113, 2805-15	2.2	92
100	Involvement of toll-like receptor 2 in experimental invasive pulmonary aspergillosis. *Infection and Immunity*, **2005**, 73, 5420-5	3.7	91
99	Poly I:C-induced activation of NK cells by CD8 alpha+ dendritic cells via the IPS-1 and TRIF-dependent pathways. *Journal of Immunology*, **2009**, 183, 2522-8	5.3	89
98	The TRAF-associated protein TANK facilitates cross-talk within the IkappaB kinase family during Toll-like receptor signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 17093-8	11.5	89
97	A selective contribution of the RIG-I-like receptor pathway to type I interferon responses activated by cytosolic DNA. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 17870-5	11.5	86
96	TRAF6 establishes innate immune responses by activating NF-kappaB and IRF7 upon sensing cytosolic viral RNA and DNA. *PLoS ONE*, **2009**, 4, e5674	3.7	77
95	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. *Nature*, **2020**, 577, 260-265	50.4	77
94	Baculovirus induces type I interferon production through toll-like receptor-dependent and -independent pathways in a cell-type-specific manner. *Journal of Virology*, **2009**, 83, 7629-40	6.6	75
93	Cutting edge: Role of TANK-binding kinase 1 and inducible IkappaB kinase in IFN responses against viruses in innate immune cells. *Journal of Immunology*, **2006**, 177, 5785-9	5.3	75
92	The toll-like receptor 3-mediated antiviral response is important for protection against poliovirus infection in poliovirus receptor transgenic mice. *Journal of Virology*, **2012**, 86, 185-94	6.6	73

91	Differential inductions of TNF-alpha and IGTP, IIGP by structurally diverse classic and non-classic lipopolysaccharides. *Cellular Microbiology*, **2006**, 8, 401-13	3.9	73
90	Involvement of Toll-like receptor 4 signaling in interferon-gamma production and antitumor effect by streptococcal agent OK-432. *Journal of the National Cancer Institute*, **2003**, 95, 316-26	9.7	73
89	Human lactoferrin activates NF-kappaB through the Toll-like receptor 4 pathway while it interferes with the lipopolysaccharide-stimulated TLR4 signaling. *FEBS Journal*, **2010**, 277, 2051-66	5.7	72
88	Cutting Edge: TLR-Dependent viral recognition along with type I IFN positive feedback signaling masks the requirement of viral replication for IFN-{alpha} production in plasmacytoid dendritic cells. *Journal of Immunology*, **2009**, 182, 3960-4	5.3	72
87	Cutting Edge: Pivotal function of Ubc13 in thymocyte TCR signaling. *Journal of Immunology*, **2006**, 177, 7520-4	5.3	72
86	Akirin2 is critical for inducing inflammatory genes by bridging IB- and the SWI/SNF complex. *EMBO Journal*, **2014**, 33, 2332-48	13	71
85	Akirin specifies NF-B selectivity of Drosophila innate immune response via chromatin remodeling. *EMBO Journal*, **2014**, 33, 2349-62	13	70
84	Signaling pathways activated by microorganisms. *Current Opinion in Cell Biology*, **2007**, 19, 185-91	9	63
83	An Slfn2 mutation causes lymphoid and myeloid immunodeficiency due to loss of immune cell quiescence. *Nature Immunology*, **2010**, 11, 335-43	19.1	62
82	Zinc-finger antiviral protein mediates retinoic acid inducible gene I-like receptor-independent antiviral response to murine leukemia virus. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 12379-84	11.5	60
81	Hepatitis C virus core protein abrogates the DDX3 function that enhances IPS-1-mediated IFN-beta induction. *PLoS ONE*, **2010**, 5, e14258	3.7	58
80	The transcription factor Jdp2 controls bone homeostasis and antibacterial immunity by regulating osteoclast and neutrophil differentiation. *Immunity*, **2012**, 37, 1024-36	32.3	56
79	Enhanced TLR-mediated NF-IL6 dependent gene expression by Trib1 deficiency. *Journal of Experimental Medicine*, **2007**, 204, 2233-9	16.6	56
78	VP1686, a Vibrio type III secretion protein, induces toll-like receptor-independent apoptosis in macrophage through NF-kappaB inhibition. *Journal of Biological Chemistry*, **2006**, 281, 36897-904	5.4	54
77	Glycosylphosphatidylinositol-anchored mucin-like glycoproteins isolated from Trypanosoma cruzi trypomastigotes induce in vivo leukocyte recruitment dependent on MCP-1 production by IFN-gamma-primed-macrophages. *Journal of Leukocyte Biology*, **2002**, 71, 837-44	6.5	54
76	Arid5a regulates naive CD4+ T cell fate through selective stabilization of Stat3 mRNA. *Journal of Experimental Medicine*, **2016**, 213, 605-19	16.6	52
75	Essential roles of K63-linked polyubiquitin-binding proteins TAB2 and TAB3 in B cell activation via MAPKs. *Journal of Immunology*, **2013**, 190, 4037-45	5.3	47
74	IL-1modulates neutrophil recruitment in chronic inflammation induced by hydrocarbon oil. *Journal of Immunology*, **2011**, 186, 1747-54	5.3	45

73	Genetic approaches to the study of Toll-like receptor function. *Microbes and Infection*, **2002**, 4, 887-95	9.3	45
72	Codon bias confers stability to human mRNAs. *EMBO Reports*, **2019**, 20, e48220	6.5	43
71	Strawberry notch homologue 2 regulates osteoclast fusion by enhancing the expression of DC-STAMP. *Journal of Experimental Medicine*, **2013**, 210, 1947-60	16.6	41
70	Human gingival CD14(+) fibroblasts primed with gamma interferon increase production of interleukin-8 in response to lipopolysaccharide through up-regulation of membrane CD14 and MyD88 mRNA expression. *Infection and Immunity*, **2002**, 70, 1272-8	3.7	37
69	Mitochondrial damage elicits a TCDD-inducible poly(ADP-ribose) polymerase-mediated antiviral response. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 2681-2686	11.5	35
68	TRAF family member-associated NF-B activator (TANK) is a negative regulator of osteoclastogenesis and bone formation. *Journal of Biological Chemistry*, **2012**, 287, 29114-24	5.4	34
67	NET-CAGE characterizes the dynamics and topology of human transcribed cis-regulatory elements. *Nature Genetics*, **2019**, 51, 1369-1379	36.3	33
66	IB s essential for natural killer cell activation in response to IL-12 and IL-18. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 17680-5	11.5	33
65	Regulation of lymphocyte progenitor survival by the proapoptotic activities of Bim and Bid. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 20840-5	11.5	33
64	Mouse proteasomal ATPases Psmc3 and Psmc4: genomic organization and gene targeting. *Genomics*, **2000**, 67, 1-7	4.3	33
63	Immunological basis of M13 phage vaccine: Regulation under MyD88 and TLR9 signaling. *Biochemical and Biophysical Research Communications*, **2010**, 402, 19-22	3.4	32
62	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. *Nature Microbiology*, **2019**, 4, 1532-1544	26.6	31
61	Post-transcriptional regulation of immune responses by RNA binding proteins. *Proceedings of the Japan Academy Series B: Physical and Biological Sciences*, **2018**, 94, 248-258	4	31
60	Monocytic cell activation by Nonendotoxic glycoprotein from Prevotella intermedia ATCC 25611 is mediated by toll-like receptor 2. *Infection and Immunity*, **2001**, 69, 4951-7	3.7	30
59	Post-transcriptional regulation of cytokine mRNA controls the initiation and resolution of inflammation. *Biotechnology and Genetic Engineering Reviews*, **2013**, 29, 49-60	4.1	29
58	Regnase-1 and Roquin Nonredundantly Regulate Th1 Differentiation Causing Cardiac Inflammation and Fibrosis. *Journal of Immunology*, **2017**, 199, 4066-4077	5.3	28
57	Limited role of the Toll-like receptor-2 in resistance to Mycobacterium avium. *Immunology*, **2004**, 111, 179-85	7.8	28
56	CD44 participates in IP-10 induction in cells in which hepatitis C virus RNA is replicating, through an interaction with Toll-like receptor 2 and hyaluronan. *Journal of Virology*, **2012**, 86, 6159-70	6.6	27

55	Chromatin Remodeling and Transcriptional Control in Innate Immunity: Emergence of Akirin2 as a Novel Player. *Biomolecules*, **2015**, 5, 1618-33	5.9	25
54	Essential Function for the Nuclear Protein Akirin2 in B Cell Activation and Humoral Immune Responses. *Journal of Immunology*, **2015**, 195, 519-27	5.3	25
53	Escherichia coli verotoxin 1 mediates apoptosis in human HCT116 colon cancer cells by inducing overexpression of the GADD family of genes and S phase arrest. *FEBS Letters*, **2005**, 579, 6604-10	3.8	25
52	Translation-dependent unwinding of stem-loops by UPF1 licenses Regnase-1 to degrade inflammatory mRNAs. *Nucleic Acids Research*, **2019**, 47, 8838-8859	20.1	23
51	Reconsideration of dynamic force spectroscopy analysis of streptavidin-biotin interactions. *International Journal of Molecular Sciences*, **2010**, 11, 2134-51	6.3	23
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