Takeuchi Osamu

List of Publications by Year
in descending order

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220 papers	84,484 citations	1238 110 h-index	1568 217 g-index
224 all docs	224 docs citations	224 times ranked	64375 citing authors

#	Article	IF	Citations
1	Pathogen Recognition and Innate Immunity. Cell, 2006, 124, 783-801.	28.9	9,878
2	Pattern Recognition Receptors and Inflammation. Cell, 2010, 140, 805-820.	28.9	6,978
3	A Toll-like receptor recognizes bacterial DNA. Nature, 2000, 408, 740-745.	27.8	5,827
4	Differential roles of MDA5 and RIG-I helicases in the recognition of RNA viruses. Nature, 2006, 441, 101-105.	27.8	3,292
5	Differential Roles of TLR2 and TLR4 in Recognition of Gram-Negative and Gram-Positive Bacterial Cell Wall Components. Immunity, 1999, 11, 443-451.	14.3	3,040
6	Role of Adaptor TRIF in the MyD88-Independent Toll-Like Receptor Signaling Pathway. Science, 2003, 301, 640-643.	12.6	2,808
7	Small anti-viral compounds activate immune cells via the TLR7 MyD88â€“dependent signaling pathway. Nature Immunology, 2002, 3, 196-200.	14.5	2,290
8	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. Nature Immunology, 2005, 6, 981-988.	14.5	2,254
9	Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL-1Î² production. Nature, 2008, 456, 264-268.	27.8	1,837
10	TRIM25 RING-finger E3 ubiquitin ligase is essential for RIG-I-mediated antiviral activity. Nature, 2007, 446, 916-920.	27.8	1,405
11	Length-dependent recognition of double-stranded ribonucleic acids by retinoic acidâ€“inducible gene-I and melanoma differentiationâ€“associated gene 5. Journal of Experimental Medicine, 2008, 205, 1601-1610.	8.5	1,327
12	Cell Type-Specific Involvement of RIG-I in Antiviral Response. Immunity, 2005, 23, 19-28.	14.3	1,221
13	Cutting Edge: Role of Toll-Like Receptor 1 in Mediating Immune Response to Microbial Lipoproteins. Journal of Immunology, 2002, 169, 10-14.	0.8	1,186
14	Cutting Edge: A Novel Toll/IL-1 Receptor Domain-Containing Adapter That Preferentially Activates the IFN-Î² Promoter in the Toll-Like Receptor Signaling. Journal of Immunology, 2002, 169, 6668-6672.	0.8	1,123
15	Discrimination of bacterial lipoproteins by Toll-like receptor 6. International Immunology, 2001, 13, 933-940.	4.0	1,112
16	Innate immunity to virus infection. Immunological Reviews, 2009, 227, 75-86.	6.0	1,053
17	The Jmjd3-Irf4 axis regulates M2 macrophage polarization and host responses against helminth infection. Nature Immunology, 2010, 11, 936-944.	14.5	996
18	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, 5887-5894.	0.8	986

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19	Cutting Edge: TLR2-Deficient and MyD88-Deficient Mice Are Highly Susceptible toStaphylococcus aureusInfection. Journal of Immunology, 2000, 165, 5392-5396.	0.8	983
20	TRAM is specifically involved in the Toll-like receptor 4â€“mediated MyD88-independent signaling pathway. Nature Immunology, 2003, 4, 1144-1150.	14.5	919
21	Essential role for TIRAP in activation of the signalling cascade shared by TLR2 and TLR4. Nature, 2002, 420, 324-329.	27.8	910
22	Interferon-Î± induction through Toll-like receptors involves a direct interaction of IRF7 with MyD88 and TRAF6. Nature Immunology, 2004, 5, 1061-1068.	14.5	894
23	Essential function for the kinase TAK1 in innate and adaptive immune responses. Nature Immunology, 2005, 6, 1087-1095.	14.5	839
24	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, 12005-12010.	7.1	744
25	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, 20842-20846.	7.1	705
26	A Toll-like receptorâ€“independent antiviral response induced by double-stranded B-form DNA. Nature Immunology, 2006, 7, 40-48.	14.5	704
27	Direct recognition of the mycobacterial glycolipid, trehalose dimycolate, by C-type lectin Mincle. Journal of Experimental Medicine, 2009, 206, 2879-2888.	8.5	670
28	Recognition of 5â€² Triphosphate by RIG-I Helicase Requires Short Blunt Double-Stranded RNA as Contained in Panhandle of Negative-Strand Virus. Immunity, 2009, 31, 25-34.	14.3	660
29	Induction of Direct Antimicrobial Activity Through Mammalian Toll-Like Receptors. Science, 2001, 291, 1544-1547.	12.6	623
30	Limb and Skin Abnormalities in Mice Lacking IKK. Science, 1999, 284, 313-316.	12.6	595
31	SOCS-1 Participates in Negative Regulation of LPS Responses. Immunity, 2002, 17, 677-687.	14.3	583
32	Activation of Toll-Like Receptor 2 in Acne Triggers Inflammatory Cytokine Responses. Journal of Immunology, 2002, 169, 1535-1541.	0.8	557
33	Zc3h12a is an RNase essential for controlling immune responses by regulating mRNA decay. Nature, 2009, 458, 1185-1190.	27.8	557
34	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. Nature, 2008, 451, 725-729.	27.8	551
35	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, 554-557.	0.8	550
36	LGP2 is a positive regulator of RIG-Iâ€“ and MDA5-mediated antiviral responses. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1512-1517.	7.1	540

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37	Toll-like receptor 9 mediates innate immune activation by the malaria pigment hemozoin. Journal of Experimental Medicine, 2005, 201, 19-25.	8.5	537
38	The Roles of Two IÎºB Kinase-related Kinases in Lipopolysaccharide and Double Stranded RNA Signaling and Viral Infection. Journal of Experimental Medicine, 2004, 199, 1641-1650.	8.5	536
39	Activation of Toll-Like Receptor-2 by Glycosylphosphatidylinositol Anchors from a Protozoan Parasite. Journal of Immunology, 2001, 167, 416-423.	0.8	513
40	Stepwise Activation of BAX and BAK by tBID, BIM, and PUMA Initiates Mitochondrial Apoptosis. Molecular Cell, 2009, 36, 487-499.	9.7	505
41	MDA5/RIG-I and virus recognition. Current Opinion in Immunology, 2008, 20, 17-22.	5.5	501
42	Interleukin-1 receptor-associated kinase-1 plays an essential role for Toll-like receptor (TLR)7- and TLR9-mediated interferon-Î± induction. Journal of Experimental Medicine, 2005, 201, 915-923.	8.5	446
43	Endotoxin-Induced Maturation of MyD88-Deficient Dendritic Cells. Journal of Immunology, 2001, 166, 5688-5694.	0.8	445
44	Regulation of Toll/IL-1-receptor-mediated gene expression by the inducible nuclear protein IÎºBÎ¶. Nature, 2004, 430, 218-222.	27.8	445
45	Essential role of IPS-1 in innate immune responses against RNA viruses. Journal of Experimental Medicine, 2006, 203, 1795-1803.	8.5	438
46	Immune Cell Activation by Bacterial Cpg-DNA through Myeloid Differentiation Marker 88 and Tumor Necrosis Factor Receptorâ€“Associated Factor (Traf)6. Journal of Experimental Medicine, 2000, 192, 595-600.	8.5	434
47	BID, BIM, and PUMA Are Essential for Activation of the BAX- and BAK-Dependent Cell Death Program. Science, 2010, 330, 1390-1393.	12.6	416
48	Toll-like receptors; their physiological role and signal transduction system. International Immunopharmacology, 2001, 1, 625-635.	3.8	414
49	Detection of pathogenic intestinal bacteria by Toll-like receptor 5 on intestinal CD11c+ lamina propria cells. Nature Immunology, 2006, 7, 868-874.	14.5	399
50	Maturation of Human Dendritic Cells by Cell Wall Skeleton of Mycobacterium bovis Bacillus Calmette-Guelrin: Involvement of Toll-Like Receptors. Infection and Immunity, 2000, 68, 6883-6890.	2.2	381
51	Activation of MDA5 Requires Higher-Order RNA Structures Generated during Virus Infection. Journal of Virology, 2009, 83, 10761-10769.	3.4	377
52	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.	0.8	368
53	Synergy and Cross-Tolerance Between Toll-Like Receptor (TLR) 2- and TLR4-Mediated Signaling Pathways. Journal of Immunology, 2000, 165, 7096-7101.	0.8	367
54	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, 1897-1902.	7.1	367

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55	Sequential control of Toll-like receptorâ€“dependent responses by IRAK1 and IRAK2. Nature Immunology, 2008, 9, 684-691.	14.5	361
56	Alveolar Macrophages Are the Primary Interferon-Î± Producer in Pulmonary Infection with RNA Viruses. Immunity, 2007, 27, 240-252.	14.3	340
57	Recognition of viruses by innate immunity. Immunological Reviews, 2007, 220, 214-224.	6.0	305
58	TLR9 as a key receptor for the recognition of DNAâ˜†. Advanced Drug Delivery Reviews, 2008, 60, 795-804.	13.7	296
59	Malt1-Induced Cleavage of Regnase-1 in CD4+ Helper T Cells Regulates Immune Activation. Cell, 2013, 153, 1036-1049.	28.9	296
60	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms. Cell, 2015, 161, 1058-1073.	28.9	296
61	Cellular responses to bacterial cell wall components are mediated through MyD88-dependent signaling cascades. International Immunology, 2000, 12, 113-117.	4.0	291
62	Critical role of Trib1 in differentiation of tissue-resident M2-like macrophages. Nature, 2013, 495, 524-528.	27.8	285
63	Toll-Like Receptor-2 Modulates Ventricular Remodeling After Myocardial Infarction. Circulation, 2003, 108, 2905-2910.	1.6	277
64	Critical Roles of Myeloid Differentiation Factor 88-Dependent Proinflammatory Cytokine Release in Early Phase Clearance ofListeria monocytogenesin Mice. Journal of Immunology, 2002, 169, 3863-3868.	0.8	265
65	Differential involvement of IFN-Â in Toll-like receptor-stimulated dendritic cell activation. International Immunology, 2002, 14, 1225-1231.	4.0	264
66	The IÎºB kinase complex regulates the stability of cytokine-encoding mRNA induced by TLRâ€“IL-1R by controlling degradation of regnase-1. Nature Immunology, 2011, 12, 1167-1175.	14.5	261
67	Key function for the Ubc13 E2 ubiquitin-conjugating enzyme in immune receptor signaling. Nature Immunology, 2006, 7, 962-970.	14.5	249
68	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, 3132-3138.	0.8	246
69	p53 Controls Radiation-Induced Gastrointestinal Syndrome in Mice Independent of Apoptosis. Science, 2010, 327, 593-596.	12.6	225
70	Akirins are highly conserved nuclear proteins required for NF-ÎºB-dependent gene expression in drosophila and mice. Nature Immunology, 2008, 9, 97-104.	14.5	223
71	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-1Î². Journal of Immunology, 2001, 166, 2651-2657.	0.8	222
72	Roles of Toll-Like Receptors in C-C Chemokine Production by Renal Tubular Epithelial Cells. Journal of Immunology, 2002, 169, 2026-2033.	0.8	222

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73	TLR7-dependent and FcÎ³R-independent production of type I interferon in experimental mouse lupus. Journal of Experimental Medicine, 2008, 205, 2995-3006.	8.5	199
74	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, 352-363.	14.3	199
75	Synergistic Effect of Muramyldipeptide with Lipopolysaccharide or Lipoteichoic Acid To Induce Inflammatory Cytokines in Human Monocytic Cells in Culture. Infection and Immunity, 2001, 69, 2045-2053.	2.2	193
76	Pathogen recognition by innate receptors. Journal of Infection and Chemotherapy, 2008, 14, 86-92.	1.7	187
77	Plasmodiumâ€˜bergheiInfection in Mice Induces Liver Injury by an IL-12- and Toll-Like Receptor/Myeloid Differentiation Factor 88-Dependent Mechanism. Journal of Immunology, 2001, 167, 5928-5934.	0.8	186
78	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, 11272-11277.	7.1	181
79	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, 9409-9414.	7.1	179
80	Differential recognition of structural details of bacterial lipopeptides by toll-like receptors. European Journal of Immunology, 2002, 32, 3337-3347.	2.9	179
81	Involvement of Toll-like Receptor (TLR) 2 and TLR4 in Cell Activation by Mannuronic Acid Polymers. Journal of Biological Chemistry, 2002, 277, 35489-35495.	3.4	178
82	Endotoxin can induce MyD88-deficient dendritic cells to support Th2 cell differentiation. International Immunology, 2002, 14, 695-700.	4.0	176
83	Double-Stranded RNA of Intestinal Commensal but Not Pathogenic Bacteria Triggers Production of Protective Interferon-Î². Immunity, 2013, 38, 1187-1197.	14.3	176
84	Genetic analysis of resistance to viral infection. Nature Reviews Immunology, 2007, 7, 753-766.	22.7	172
85	West Nile Virus Noncoding Subgenomic RNA Contributes to Viral Evasion of the Type I Interferon-Mediated Antiviral Response. Journal of Virology, 2012, 86, 5708-5718.	3.4	170
86	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. Nature, 2020, 577, 260-265.	27.8	168
87	TLR2 as an essential molecule for protective immunity against Toxoplasma gondii infection. International Immunology, 2003, 15, 1081-1087.	4.0	165
88	Mycobacterial Infection in TLR2 and TLR6 Knockout Mice. Microbiology and Immunology, 2003, 47, 327-336.	1.4	160
89	Essential role of IRAK-4 protein and its kinase activity in Toll-like receptorâ€“mediated immune responses but not in TCR signaling. Journal of Experimental Medicine, 2007, 204, 1013-1024.	8.5	158
90	Recognition of lipopeptides by Toll-like receptors. Journal of Endotoxin Research, 2002, 8, 459-463.	2.5	158

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91	Simultaneous Blocking of Human Toll-Like Receptors 2 and 4 Suppresses Myeloid Dendritic Cell Activation Induced by Mycobacterium bovis Bacillus Calmette-Guèrin Peptidoglycan. Infection and Immunity, 2003, 71, 4238-4249.	2.2	154
92	A variety of microbial components induce tolerance to lipopolysaccharide by differentially affecting MyD88-dependent and -independent pathways. International Immunology, 2002, 14, 783-791.	4.0	153
93	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, 17089-17094.	7.1	152
94	Hepatitis C Virus Nonstructural Protein 5A Modulates the Toll-Like Receptor-MyD88-Dependent Signaling Pathway in Macrophage Cell Lines. Journal of Virology, 2007, 81, 8953-8966.	3.4	151
95	TANK is a negative regulator of Toll-like receptor signaling and is critical for the prevention of autoimmune nephritis. Nature Immunology, 2009, 10, 965-972.	14.5	148
96	Pathological role of Toll-like receptor signaling in cerebral malaria. International Immunology, 2006, 19, 67-79.	4.0	144
97	Toll-Like Receptor 2 Mediates Staphylococcus aureus â€“Induced Myocardial Dysfunction and Cytokine Production in the Heart. Circulation, 2004, 110, 3693-3698.	1.6	143
98	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, 15856-15861.	7.1	140
99	Pivotal role of RNA-binding E3 ubiquitin ligase MEX3C in RIG-Iâ€“mediated antiviral innate immunity. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5646-5651.	7.1	140
100	Protein Kinase R Contributes to Immunity against Specific Viruses by Regulating Interferon mRNA Integrity. Cell Host and Microbe, 2010, 7, 354-361.	11.0	137
101	Expression of Toll-Like Receptor 2 on Î³Î´ T Cells Bearing Invariant VÎ³6/VÎ´1 Induced byEscherichia coliInfection in Mice. Journal of Immunology, 2000, 165, 931-940.	0.8	135
102	Novel Engagement of CD14 and Multiple Toll-Like Receptors by Group B Streptococci. Journal of Immunology, 2001, 167, 7069-7076.	0.8	135
103	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, 3970-3977.	0.8	130
104	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, 5791-5796.	7.1	128
105	Role of Lipoteichoic Acid in the Phagocyte Response to Group BStreptococcus. Journal of Immunology, 2005, 174, 6449-6455.	0.8	125
106	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, 8406-8411.	3.4	125
107	Regulation of lipopolysaccharide-inducible genes by MyD88 and Toll/IL-1 domain containing adaptor inducing IFN-Î². Biochemical and Biophysical Research Communications, 2005, 328, 383-392.	2.1	123
108	CD19 regulates innate immunity by the toll-like receptor RP105 signaling in B lymphocytes. Blood, 2003, 102, 1374-1380.	1.4	117

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109	Mycoplasma fermentansLipoprotein 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, 2610-2616.	0.8	115
110	Negative Regulation of Platelet Clearance and of the Macrophage Phagocytic Response by the Transmembrane Glycoprotein SHPS-1. Journal of Biological Chemistry, 2002, 277, 39833-39839.	3.4	115
111	The TRAF-associated protein TANK facilitates cross-talk within the IÎºB kinase family during Toll-like receptor signaling. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17093-17098.	7.1	112
112	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, 1325-1332.	4.0	111
113	Lipopolysaccharide fromCoxiella burnetiiIs Involved in Bacterial Phagocytosis, Filamentous Actin Reorganization, and Inflammatory Responses through Toll-Like Receptor 4. Journal of Immunology, 2004, 172, 3695-3703.	0.8	110
114	TAK1 is indispensable for development of T cells and prevention of colitis by the generation of regulatory T cells. International Immunology, 2006, 18, 1405-1411.	4.0	110
115	Lymphocytoid Choriomeningitis Virus Activates Plasmacytoid Dendritic Cells and Induces a Cytotoxic T-Cell Response via MyD88. Journal of Virology, 2008, 82, 196-206.	3.4	110
116	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.	0.8	109
117	Selective roles for antiapoptotic MCL-1 during granulocyte development and macrophage effector function. Blood, 2009, 113, 2805-2815.	1.4	108
118	Inhibitory Effect of Toll-Like Receptor 4 on Fusion between Phagosomes and Endosomes/Lysosomes in Macrophages. Journal of Immunology, 2004, 172, 2039-2047.	0.8	105
119	Akirin2 is critical for inducing inflammatory genes by bridging IÎºBâ€¶ and the <scp>SWI</scp> / <scp>SNF</scp> complex. EMBO Journal, 2014, 33, 2332-2348.	7.8	105
120	Involvement of Toll-Like Receptor 2 in Experimental Invasive Pulmonary Aspergillosis. Infection and Immunity, 2005, 73, 5420-5425.	2.2	103
121	TRAF6 Establishes Innate Immune Responses by Activating NF-ÎºB and IRF7 upon Sensing Cytosolic Viral RNA and DNA. PLoS ONE, 2009, 4, e5674.	2.5	102
122	Poly I:C-Induced Activation of NK Cells by CD8Î±+ Dendritic Cells via the IPS-1 and TRIF-Dependent Pathways. Journal of Immunology, 2009, 183, 2522-2528.	0.8	100
123	Akirin specifies <scp>NF</scp> â€ºB selectivity of Drosophila innate immune response via chromatin remodeling. EMBO Journal, 2014, 33, 2349-2362.	7.8	100
124	Codon bias confers stability to human <scp>mRNA</scp> s. EMBO Reports, 2019, 20, e48220.	4.5	100
125	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, 17870-17875.	7.1	96
126	Differential inductions of TNF-alpha and IGTP, IIGP by structurally diverse classic and non-classic lipopolysaccharides. Cellular Microbiology, 2006, 8, 401-413.	2.1	95

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127	Human lactoferrin activates NFâ€ÎºB through the Tollâ€like receptor 4 pathway while it interferes with the lipopolysaccharideâ€stimulated TLR4 signaling. FEBS Journal, 2010, 277, 2051-2066.	4.7	95
128	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, 185-194.	3.4	88
129	Cutting Edge: TLR-Dependent Viral Recognition Along with Type I IFN Positive Feedback Signaling Masks the Requirement of Viral Replication for IFN-Î± Production in Plasmacytoid Dendritic Cells. Journal of Immunology, 2009, 182, 3960-3964.	0.8	83
130	Hepatitis C Virus Core Protein Abrogates the DDX3 Function That Enhances IPS-1-Mediated IFNâ€“Beta Induction. PLoS ONE, 2010, 5, e14258.	2.5	80
131	Involvement of Toll-Like Receptor 4 Signaling in Interferon-Â Production and Antitumor Effect by Streptococcal Agent OK-432. Journal of the National Cancer Institute, 2003, 95, 316-326.	6.3	79
132	Cutting Edge: Role of TANK-Binding Kinase 1 and Inducible ÎºB Kinase in IFN Responses against Viruses in Innate Immune Cells. Journal of Immunology, 2006, 177, 5785-5789.	0.8	79
133	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, 7629-7640.	3.4	79
134	An Slfn2 mutation causes lymphoid and myeloid immunodeficiency due to loss of immune cell quiescence. Nature Immunology, 2010, 11, 335-343.	14.5	78
135	Cutting Edge: Pivotal Function of Ubc13 in Thymocyte TCR Signaling. Journal of Immunology, 2006, 177, 7520-7524.	0.8	76
136	Signaling pathways activated by microorganisms. Current Opinion in Cell Biology, 2007, 19, 185-191.	5.4	76
137	Arid5a regulates naive CD4+ T cell fate through selective stabilization of Stat3 mRNA. Journal of Experimental Medicine, 2016, 213, 605-619.	8.5	76
138	Enhanced TLR-mediated NF-IL6â€“dependent gene expression by Trib1 deficiency. Journal of Experimental Medicine, 2007, 204, 2233-2239.	8.5	73
139	NET-CAGE characterizes the dynamics and topology of human transcribed cis-regulatory elements. Nature Genetics, 2019, 51, 1369-1379.	21.4	72
140	The Transcription Factor Jdp2 Controls Bone Homeostasis and Antibacterial Immunity by Regulating Osteoclast and Neutrophil Differentiation. Immunity, 2012, 37, 1024-1036.	14.3	70
141	Zinc-finger antiviral protein mediates retinoic acid inducible gene Iâ€“like receptor-independent antiviral response to murine leukemia virus. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12379-12384.	7.1	70
142	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. Nature Microbiology, 2019, 4, 1532-1544.	13.3	61
143	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.	3.3	58
144	VP1686, a Vibrio Type III Secretion Protein, Induces Toll-like Receptor-independent Apoptosis in Macrophage through NF-ÎºB Inhibition. Journal of Biological Chemistry, 2006, 281, 36897-36904.	3.4	55

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145	IL-1Î± Modulates Neutrophil Recruitment in Chronic Inflammation Induced by Hydrocarbon Oil. Journal of Immunology, 2011, 186, 1747-1754.	0.8	55
146	Essential Roles of K63-Linked Polyubiquitin-Binding Proteins TAB2 and TAB3 in B Cell Activation via MAPKs. Journal of Immunology, 2013, 190, 4037-4045.	0.8	53
147	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.	7.1	52
148	Genetic approaches to the study of Toll-like receptor function. Microbes and Infection, 2002, 4, 887-895.	1.9	51
149	Strawberry notch homologue 2 regulates osteoclast fusion by enhancing the expression of DC-STAMP. Journal of Experimental Medicine, 2013, 210, 1947-1960.	8.5	49
150	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.	3.8	48
151	Mouse Proteasomal ATPases Psmc3 and Psmc4: Genomic Organization and Gene Targeting. Genomics, 2000, 67, 1-7.	2.9	46
152	IÎºBÎ¶ is 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, 17680-17685.	7.1	46
153	Immunological basis of M13 phage vaccine: Regulation under MyD88 and TLR9 signaling. Biochemical and Biophysical Research Communications, 2010, 402, 19-22.	2.1	45
154	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, 20840-20845.	7.1	44
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