Osamu Takeuchi

List of Publications by Year
in descending order

243 papers	86,601 citations	997 114 h-index	947 239 g-index
261 all docs	261 docs citations	261 times ranked	65742 citing authors

#	Article	IF	Citations
1	TANK prevents IFN-dependent fatal diffuse alveolar hemorrhage by suppressing DNA-cGAS aggregation. Life Science Alliance, 2022, 5, e202101067.	2.8	3
2	Cyclin Jâ€“CDK complexes limit innate immune responses by reducing proinflammatory changes in macrophage metabolism. Science Signaling, 2022, 15, eabm5011.	3.6	4
3	Enhancement of Regnase-1 expression with stem loopâ€“targeting antisense oligonucleotides alleviates inflammatory diseases. Science Translational Medicine, 2022, 14, eabo2137.	12.4	8
4	Profibrotic function of pulmonary group 2 innate lymphoid cells is controlled by regnase-1. European Respiratory Journal, 2021, 57, 2000018.	6.7	30
5	The effects of codon bias and optimality on mRNA and protein regulation. Cellular and Molecular Life Sciences, 2021, 78, 1909-1928.	5.4	26
6	The Role of Ribonucleases in RNA Damage, Inactivation and Degradation. , 2021, , 85-108.		0
7	Receptors | Toll-Like Receptors. , 2021, , 329-334.		0
8	PIN and CCCH Zn-finger domains coordinate RNA targeting in ZC3H12 family endoribonucleases. Nucleic Acids Research, 2021, 49, 5369-5381.	14.5	9
9	Extracellular mRNA transported to the nucleus exerts translation-independent function. Nature Communications, 2021, 12, 3655.	12.8	6
10	Post-transcriptional regulation of immunological responses by Regnase-1-related RNases. International Immunology, 2021, 33, 859-865.	4.0	7
11	Regnaseâ€1â€“related endoribonucleases in health and immunological diseases. Immunological Reviews, 2021, 304, 97-110.	6.0	12
12	IRAK1-dependent Regnase-1-14-3-3 complex formation controls Regnase-1-mediated mRNA decay. ELife, 2021, 10, .	6.0	12
13	Posttranscriptional regulation of ILC2 homeostatic function via tristetraprolin. Journal of Experimental Medicine, 2021, 218, .	8.5	12
14	Live-Cell Imaging of Protein Degradation Utilizing Designed Protein-Tag Mutant and Fluorescent Probe with Turn-Off Switch. Bioconjugate Chemistry, 2020, 31, 577-583.	3.6	8
15	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. Nature, 2020, 577, 260-265.	27.8	168
16	RNA Recognition and Immunityâ€”Innate Immune Sensing and Its Posttranscriptional Regulation Mechanisms. Cells, 2020, 9, 1701.	4.1	37
17	Zinc Finger Protein St18 Protects against Septic Death by Inhibiting VEGF-A from Macrophages. Cell Reports, 2020, 32, 107906.	6.4	7
18	The transcription factor E2A activates multiple enhancers that drive Rag expression in developing T and B cells. Science Immunology, 2020, 5, .	11.9	41

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19	Translation-dependent unwinding of stemâ€“loops by UPF1 licenses Regnase-1 to degrade inflammatory mRNAs. Nucleic Acids Research, 2019, 47, 8838-8859.	14.5	32
20	Codon bias confers stability to human <scp>mRNA</scp> s. EMBO Reports, 2019, 20, e48220.	4.5	100
21	RNA binding proteins in the control of autoimmune diseases. Immunological Medicine, 2019, 42, 53-64.	2.6	27
22	NET-CAGE characterizes the dynamics and topology of human transcribed cis-regulatory elements. Nature Genetics, 2019, 51, 1369-1379.	21.4	72
23	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. Nature Microbiology, 2019, 4, 1532-1544.	13.3	61
24	Postâ€transcriptional control of immune responses and its potential application. Clinical and Translational Immunology, 2019, 8, e1063.	3.8	23
25	Hassallâ€™s corpuscles with cellular-senescence features maintain IFNÎ± production through neutrophils and pDC activation in the thymus. International Immunology, 2019, 31, 127-139.	4.0	26
26	Pulmonary Regnase-1 orchestrates the interplay of epithelium and adaptive immune systems to protect against pneumonia. Mucosal Immunology, 2018, 11, 1203-1218.	6.0	23
27	Endonuclease Regnaseâ€1/<scp>Monocyte chemotactic proteinâ€1â€induced proteinâ€1 (MCPIP1</scp>) in controlling immune responses and beyond. Wiley Interdisciplinary Reviews RNA, 2018, 9, e1449.	6.4	37
28	Translation of Hepatitis A Virus IRES Is Upregulated by a Hepatic Cell-Specific Factor. Frontiers in Genetics, 2018, 9, 307.	2.3	6
29	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
30	Post-transcriptional control of immune responses via RNA binding proteins. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY78-3.	0.0	0
31	Pathogen recognition and Toll-like receptor targeted therapeutics in innate immune cells. International Reviews of Immunology, 2017, 36, 57-73.	3.3	174
32	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
33	Regnase-1 Is an Endoribonuclease Essential for the Maintenance of Immune Homeostasis. Journal of Interferon and Cytokine Research, 2017, 37, 220-229.	1.2	10
34	Regnase-1 Maintains Iron Homeostasis via the Degradation of Transferrin Receptor 1 and Prolyl-Hydroxylase-Domain-Containing Protein 3 mRNAs. Cell Reports, 2017, 19, 1614-1630.	6.4	54
35	NSD3 keeps IRF3 active. Journal of Experimental Medicine, 2017, 214, 3475-3476.	8.5	3
36	Regnase-1 and Roquin Nonredundantly Regulate Th1 Differentiation Causing Cardiac Inflammation and Fibrosis. Journal of Immunology, 2017, 199, 4066-4077.	0.8	42

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37	Translational control of mRNAs by 3'-Untranslated region binding proteins. BMB Reports, 2017, 50, 194-200.	2.4	26
38	Immune response regulation by paralogous endoribonucleases: ZC3H12C and N4BP1. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C452-C452.	0.1	0
39	Akirin2-Mediated Transcriptional Control by Recruiting SWI/SNF Complex in B Cells. Critical Reviews in Immunology, 2016, 36, 395-406.	0.5	5
40	Structural basis for the regulation of enzymatic activity of Regnase-1 by domain-domain interactions. Scientific Reports, 2016, 6, 22324.	3.3	38
41	Nanoparticleâ€Mediated Delivery of Mitochondrial Division Inhibitor 1 to the Myocardium Protects the Heart From Ischemiaâ€Reperfusion Injury Through Inhibition of Mitochondria Outer Membrane Permeabilization: A New Therapeutic Modality for Acute Myocardial Infarction. Journal of the American Heart Association, 2016, 5, .	3.7	67
42	Inhibition of IL-1R1/MyD88 signalling promotes mesenchymal stem cell-driven tissue regeneration. Nature Communications, 2016, 7, 11051.	12.8	104
43	Arid5a regulates naive CD4+ T cell fate through selective stabilization of Stat3 mRNA. Journal of Experimental Medicine, 2016, 213, 605-619.	8.5	76
44	Posttranscriptional Regulation of Cytokine mRNA Controls the Initiation and Resolution of Inflammation. , 2016, , 319-332.		1
45	MCPIP3 (ZC3H12C) regulates the innate immune response by acting as a ribonuclease. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s249-s249.	0.1	0
46	HuR keeps interferonâ€î² mRNA stable. European Journal of Immunology, 2015, 45, 1296-1299.	2.9	14
47	Chromatin Remodeling and Transcriptional Control in Innate Immunity: Emergence of Akirin2 as a Novel Player. Biomolecules, 2015, 5, 1618-1633.	4.0	31
48	A Lipopolysaccharide from Pantoea Agglomerans Is a Promising Adjuvant for Sublingual Vaccines to Induce Systemic and Mucosal Immune Responses in Mice via TLR4 Pathway. PLoS ONE, 2015, 10, e0126849.	2.5	20
49	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms. Cell, 2015, 161, 1058-1073.	28.9	296
50	Essential Function for the Nuclear Protein Akirin2 in B Cell Activation and Humoral Immune Responses. Journal of Immunology, 2015, 195, 519-527.	0.8	32
51	Hematopoietic IKBKE limits the chronicity of inflammasome priming and metaflammation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 506-511.	7.1	30
52	Negative Regulation of Melanoma Differentiation-associated Gene 5 (MDA5)-dependent Antiviral Innate Immune Responses by Arf-like Protein 5B. Journal of Biological Chemistry, 2015, 290, 1269-1280.	3.4	18
53	5-Azacytidine-induced Protein 2 (AZI2) Regulates Bone Mass by Fine-tuning Osteoclast Survival. Journal of Biological Chemistry, 2015, 290, 9377-9386.	3.4	13
54	Nickel Ions Selectively Inhibit Lipopolysaccharide-Induced Interleukin-6 Production by Decreasing Its mRNA Stability. PLoS ONE, 2015, 10, e0119428.	2.5	10

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55	Regnase-1 and Roquin regulate inflammatory mRNAs. Oncotarget, 2015, 6, 17869-17870.	1.8	7
56	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
57	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
58	Akirin2 is critical for inducing inflammatory genes by bridging IºBâ€¶ and the <scp>SWI</scp> / <scp>SNF</scp> complex. EMBO Journal, 2014, 33, 2332-2348.	7.8	105
59	Nucleic acid sensing by T cells initiates Th2 cell differentiation. Nature Communications, 2014, 5, 3566.	12.8	36
60	Dynamics of enhancers in myeloid antigen presenting cells upon LPS stimulation. BMC Genomics, 2014, 15, S4.	2.8	2
61	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
62	ILâ€ß3 causes selective mast cell tolerance to bacterial cell wall products by inducing IRAK1 degradation. European Journal of Immunology, 2013, 43, 979-988.	2.9	12
63	176. Cytokine, 2013, 63, 284.	3.2	0
64	Critical role of Trib1 in differentiation of tissue-resident M2-like macrophages. Nature, 2013, 495, 524-528.	27.8	285
65	Malt1-Induced Cleavage of Regnase-1 in CD4+ Helper T Cells Regulates Immune Activation. Cell, 2013, 153, 1036-1049.	28.9	296
66	Double-Stranded RNA of Intestinal Commensal but Not Pathogenic Bacteria Triggers Production of Protective Interferon-Î². Immunity, 2013, 38, 1187-1197.	14.3	176
67	The TNF Family Member 4-1BBL Sustains Inflammation by Interacting with TLR Signaling Components During Late-Phase Activation. Science Signaling, 2013, 6, ra87.	3.6	24
68	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
69	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
70	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
71	Critical Role of AZI2 in GM-CSFâ€“Induced Dendritic Cell Differentiation. Journal of Immunology, 2013, 190, 5702-5711.	0.8	22
72	Post-transcriptional regulation of cytokine mRNA controls the initiation and resolution of inflammation. Biotechnology and Genetic Engineering Reviews, 2013, 29, 49-60.	6.2	36

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73	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, 6159-6170.	3.4	33
74	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
75	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
76	NO Is a Macrophage Autonomous Modifier of the Cytokine Response to Streptococcal Single-Stranded RNA. Journal of Immunology, 2012, 188, 774-780.	0.8	16
77	IRF3: a molecular switch in pathogen responses. Nature Immunology, 2012, 13, 634-635.	14.5	12
78	TRAF Family Member-associated NF-ÎºB Activator (TANK) Is a Negative Regulator of Osteoclastogenesis and Bone Formation. Journal of Biological Chemistry, 2012, 287, 29114-29124.	3.4	37
79	The Transcription Factor Jdp2 Controls Bone Homeostasis and Antibacterial Immunity by Regulating Osteoclast and Neutrophil Differentiation. Immunity, 2012, 37, 1024-1036.	14.3	70
80	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
81	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
82	Functional characterization of protein domains common to animal viruses and mouse. BMC Genomics, 2011, 12, S21.	2.8	2
83	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
84	Essential Role of B7-H1 in Double-Stranded RNAâ€“Induced Augmentation of an Asthma Phenotype in Mice. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 31-39.	2.9	11
85	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
86	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
87	IL-1Î± Modulates Neutrophil Recruitment in Chronic Inflammation Induced by Hydrocarbon Oil. Journal of Immunology, 2011, 186, 1747-1754.	0.8	55
88	Negative Regulators in Toll-like Receptor Responses. Cornea, 2010, 29, S13-S19.	1.7	5
89	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
90	An Slfn2 mutation causes lymphoid and myeloid immunodeficiency due to loss of immune cell quiescence. Nature Immunology, 2010, 11, 335-343.	14.5	78

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91	The Jmjd3-Irf4 axis regulates M2 macrophage polarization and host responses against helminth infection. Nature Immunology, 2010, 11, 936-944.	14.5	996
92	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
93	p53 Controls Radiation-Induced Gastrointestinal Syndrome in Mice Independent of Apoptosis. Science, 2010, 327, 593-596.	12.6	225
94	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
95	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
96	Î²Bî¶ 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
97	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
98	Pattern Recognition Receptors and Inflammation. Cell, 2010, 140, 805-820.	28.9	6,978
99	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
100	Immunological basis of M13 phage vaccine: Regulation under MyD88 and TLR9 signaling. Biochemical and Biophysical Research Communications, 2010, 402, 19-22.	2.1	45
101	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
102	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
103	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
104	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
105	Activation of MDA5 Requires Higher-Order RNA Structures Generated during Virus Infection. Journal of Virology, 2009, 83, 10761-10769.	3.4	377
106	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
107	Direct recognition of the mycobacterial glycolipid, trehalose dimycolate, by C-type lectin Mincle. Journal of Experimental Medicine, 2009, 206, 2879-2888.	8.5	670
108	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

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109	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
110	Zc3h12a is an RNase essential for controlling immune responses by regulating mRNA decay. Nature, 2009, 458, 1185-1190.	27.8	557
111	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
112	Innate immunity to virus infection. Immunological Reviews, 2009, 227, 75-86.	6.0	1,053
113	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
114	Stepwise Activation of BAX and BAK by tBID, BIM, and PUMA Initiates Mitochondrial Apoptosis. Molecular Cell, 2009, 36, 487-499.	9.7	505
115	Selective roles for antiapoptotic MCL-1 during granulocyte development and macrophage effector function. Blood, 2009, 113, 2805-2815.	1.4	108
116	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
117	MDA5/RIG-I and virus recognition. Current Opinion in Immunology, 2008, 20, 17-22.	5.5	501
118	Pathogen recognition by innate receptors. Journal of Infection and Chemotherapy, 2008, 14, 86-92.	1.7	187
119	TLR9 as a key receptor for the recognition of DNAâ˜†. Advanced Drug Delivery Reviews, 2008, 60, 795-804.	13.7	296
120	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. Nature, 2008, 451, 725-729.	27.8	551
121	Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL-1Î² production. Nature, 2008, 456, 264-268.	27.8	1,837
122	Sequential control of Toll-like receptorâ€“dependent responses by IRAK1 and IRAK2. Nature Immunology, 2008, 9, 684-691.	14.5	361
123	RIG-I-like antiviral protein in flies. Nature Immunology, 2008, 9, 1327-1328.	14.5	16
124	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
125	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
126	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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127	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
128	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
129	Recognition of Virus Invasion by Toll-Like Receptors and RIG-I-Like Helicases. , 2008, , 31-41.		0
130	Enhanced TLR-mediated NF-IL6â€“dependent gene expression by Trib1 deficiency. Journal of Experimental Medicine, 2007, 204, 2233-2239.	8.5	73
131	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
132	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
133	TLR4 signaling: negative regulation by degradation. Blood, 2007, 110, 794-794.	1.4	1
134	Alveolar Macrophages Are the Primary Interferon-Î± Producer in Pulmonary Infection with RNA Viruses. Immunity, 2007, 27, 240-252.	14.3	340
135	The Biology of Toll-Like Receptors in Mice. , 2007, , 109-117.		0
136	A spatially and temporally restricted mouse model of soft tissue sarcoma. Nature Medicine, 2007, 13, 992-997.	30.7	274
137	Genetic analysis of resistance to viral infection. Nature Reviews Immunology, 2007, 7, 753-766.	22.7	172
138	TRIM25 RING-finger E3 ubiquitin ligase is essential for RIG-I-mediated antiviral activity. Nature, 2007, 446, 916-920.	27.8	1,405
139	Recognition of viruses by innate immunity. Immunological Reviews, 2007, 220, 214-224.	6.0	305
140	Signaling pathways activated by microorganisms. Current Opinion in Cell Biology, 2007, 19, 185-191.	5.4	76
141	Pathological role of Toll-like receptor signaling in cerebral malaria. International Immunology, 2006, 19, 67-79.	4.0	144
142	Pathogen Recognition and Innate Immunity. Cell, 2006, 124, 783-801.	28.9	9,878
143	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
144	A Toll-like receptorâ€“independent antiviral response induced by double-stranded B-form DNA. Nature Immunology, 2006, 7, 40-48.	14.5	704

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145	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
146	Key function for the Ubc13 E2 ubiquitin-conjugating enzyme in immune receptor signaling. Nature Immunology, 2006, 7, 962-970.	14.5	249
147	Differential roles of MDA5 and RIG-I helicases in the recognition of RNA viruses. Nature, 2006, 441, 101-105.	27.8	3,292
148	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
149	Essential role of IPS-1 in innate immune responses against RNA viruses. Journal of Experimental Medicine, 2006, 203, 1795-1803.	8.5	438
150	Cutting Edge: Role of TANK-Binding Kinase 1 and Inducible Î°B Kinase in IFN Responses against Viruses in Innate Immune Cells. Journal of Immunology, 2006, 177, 5785-5789.	0.8	79
151	Cutting Edge: Pivotal Function of Ubc13 in Thymocyte TCR Signaling. Journal of Immunology, 2006, 177, 7520-7524.	0.8	76
152	VP1686, a Vibrio Type III Secretion Protein, Induces Toll-like Receptor-independent Apoptosis in Macrophage through NF-Î°B Inhibition. Journal of Biological Chemistry, 2006, 281, 36897-36904.	3.4	55
153	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. Nature Immunology, 2005, 6, 981-988.	14.5	2,254
154	Essential function for the kinase TAK1 in innate and adaptive immune responses. Nature Immunology, 2005, 6, 1087-1095.	14.5	839
155	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
156	Involvement of Toll-Like Receptor 2 in Experimental Invasive Pulmonary Aspergillosis. Infection and Immunity, 2005, 73, 5420-5425.	2.2	103
157	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
158	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
159	Role of Lipoteichoic Acid in the Phagocyte Response to Group BStreptococcus. Journal of Immunology, 2005, 174, 6449-6455.	0.8	125
160	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
161	Cell Type-Specific Involvement of RIG-I in Antiviral Response. Immunity, 2005, 23, 19-28.	14.3	1,221
162	Viral recognition and type I interferon production by Toll-like receptor and an RNA helicase, RIG-I. International Congress Series, 2005, 1285, 10-14.	0.2	2

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163	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
164	Microarray analysis identifies apoptosis regulatory gene expression in HCT116 cells infected with thermostable direct hemolysin-deletion mutant of Vibrio parahaemolyticus. Biochemical and Biophysical Research Communications, 2005, 335, 328-334.	2.1	18
165	Escherichia coliverotoxin 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, 6604-6610.	2.8	33
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