Takeuchi Osamu

List of Publications by Year
in descending order

220 papers	84,484 citations	1461 110 h-index	1801 217 g-index
224 all docs	224 docs citations	224 times ranked	70274 citing authors

#	Article	IF	Citations
1	Cyclin Jâ€“CDK complexes limit innate immune responses by reducing proinflammatory changes in macrophage metabolism. Science Signaling, 2022, 15, eabm5011.	1.6	4
2	Enhancement of Regnase-1 expression with stem loopâ€“targeting antisense oligonucleotides alleviates inflammatory diseases. Science Translational Medicine, 2022, 14, eabo2137.	5.8	8
3	Pre-vaccination Anti-Severe Acute Respiratory Syndrome Coronavirus 2 Antibody Seroprevalence in Workers at Three Japanese Hospitals. Journal of Nippon Medical School, 2022, , .	0.3	0
4	Functional dissection of the KRAS G12C mutation by comparison among multiple oncogenic driver mutations in a lung cancer cell line model. Biochemical and Biophysical Research Communications, 2021, 534, 1-7.	1.0	2
5	SHOC2 Is a Critical Modulator of Sensitivity to EGFRâ€“TKIs in Nonâ€“Small Cell Lung Cancer Cells. Molecular Cancer Research, 2021, 19, 317-328.	1.5	12
6	The effects of codon bias and optimality on mRNA and protein regulation. Cellular and Molecular Life Sciences, 2021, 78, 1909-1928.	2.4	26
7	Differential effects of mesalazine formulations on thiopurine metabolism through thiopurine Sâ€methyltransferase inhibition. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 2116-2124.	1.4	4
8	PIN and CCCH Zn-finger domains coordinate RNA targeting in ZC3H12 family endoribonucleases. Nucleic Acids Research, 2021, 49, 5369-5381.	6.5	9
9	Post-transcriptional regulation of immunological responses by Regnase-1-related RNases. International Immunology, 2021, 33, 859-865.	1.8	7
10	Regnaseâ€1â€“related endoribonucleases in health and immunological diseases. Immunological Reviews, 2021, 304, 97-110.	2.8	12
11	Increased DNA-incorporated thiopurine metabolite as a possible mechanism for leukocytopenia through cell apoptosis in inflammatory bowel disease patients with NUDT15 mutation. Journal of Gastroenterology, 2021, 56, 999-1007.	2.3	3
12	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. Nature, 2020, 577, 260-265.	13.7	168
13	Glycogen synthase kinaseâ€3Î² participates in acquired resistance to gemcitabine in pancreatic cancer. Cancer Science, 2020, 111, 4405-4416.	1.7	7
14	Bcl-2/Bcl-xL inhibitor navitoclax increases the antitumor effect of Chk1 inhibitor prexasertib by inducing apoptosis in pancreatic cancer cells via inhibition of Bcl-xL but not Bcl-2. Molecular and Cellular Biochemistry, 2020, 472, 187-198.	1.4	10
15	Prexasertib increases the sensitivity of pancreatic cancer cells to gemcitabine and Sâ€1. Oncology Reports, 2020, 43, 689-699.	1.2	9
16	Ultimate High Conductivity of Multilayer Graphene Examined by Multiprobe Scanning Tunneling Potentiometry on Artificially Grown High-Quality Graphite Thin Film. ACS Applied Electronic Materials, 2019, 1, 1762-1771.	2.0	7
17	Translation-dependent unwinding of stemâ€“loops by UPF1 licenses Regnase-1 to degrade inflammatory mRNAs. Nucleic Acids Research, 2019, 47, 8838-8859.	6.5	32
18	Codon bias confers stability to human <scp>mRNA</scp> s. EMBO Reports, 2019, 20, e48220.	2.0	100

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19	RNA binding proteins in the control of autoimmune diseases. Immunological Medicine, 2019, 42, 53-64.	1.4	27
20	NET-CAGE characterizes the dynamics and topology of human transcribed cis-regulatory elements. Nature Genetics, 2019, 51, 1369-1379.	9.4	72
21	N4BP1 restricts HIV-1 and its inactivation by MALT1 promotes viral reactivation. Nature Microbiology, 2019, 4, 1532-1544.	5.9	61
22	Postâ€transcriptional control of immune responses and its potential application. Clinical and Translational Immunology, 2019, 8, e1063.	1.7	23
23	Individualized treatment based on CYP3A5 single-nucleotide polymorphisms with tacrolimus in ulcerative colitis. Intestinal Research, 2019, 17, 218-226.	1.0	2
24	Pulmonary Regnase-1 orchestrates the interplay of epithelium and adaptive immune systems to protect against pneumonia. Mucosal Immunology, 2018, 11, 1203-1218.	2.7	23
25	A Simple 1-Day Colon Capsule Endoscopy Procedure Demonstrated to be a Highly Acceptable Monitoring Tool for Ulcerative Colitis. Inflammatory Bowel Diseases, 2018, 24, 2404-2412.	0.9	16
26	Translation of Hepatitis A Virus IRES Is Upregulated by a Hepatic Cell-Specific Factor. Frontiers in Genetics, 2018, 9, 307.	1.1	6
27	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.	1.6	48
28	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.	3.3	52
29	Evaluation of Suppressive Effects of Tranilast on the Invasion/Metastasis Mechanism in a Murine Pancreatic Cancer Cell Line. Pancreas, 2017, 46, 567-574.	0.5	2
30	Regnase-1 Is an Endoribonuclease Essential for the Maintenance of Immune Homeostasis. Journal of Interferon and Cytokine Research, 2017, 37, 220-229.	0.5	10
31	NSD3 keeps IRF3 active. Journal of Experimental Medicine, 2017, 214, 3475-3476.	4.2	3
32	Regnase-1 and Roquin Nonredundantly Regulate Th1 Differentiation Causing Cardiac Inflammation and Fibrosis. Journal of Immunology, 2017, 199, 4066-4077.	0.4	42
33	Local Performance Evaluation of Organic Solar Cell Using Scanning Tunneling Microscopy (STM). Journal of the Vacuum Society of Japan, 2017, 60, 381-387.	0.3	0
34	Translational control of mRNAs by 3'-Untranslated region binding proteins. BMB Reports, 2017, 50, 194-200.	1.1	26
35	Flesh-eatingStreptococcus pyogenestriggers the expression of receptor activator of nuclear factor-ÎºB ligand. Cellular Microbiology, 2016, 18, 1390-1404.	1.1	5
36	Genetic polymorphisms of enzyme proteins and transporters related to methotrexate response and pharmacokinetics in a Japanese population. Journal of Pharmaceutical Health Care and Sciences, 2016, 2, 35.	0.4	15

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37	Sex Differences in mRNA Expression of Reduced Folate Carrierâ€1, Folypolyformyl Glutamate Synthase, and Î³â€Glutamyl Hydrolase in a Healthy Japanese Population. Journal of Clinical Pharmacology, 2016, 56, 1563-1569.	1.0	3
38	Arid5a regulates naive CD4+ T cell fate through selective stabilization of Stat3 mRNA. Journal of Experimental Medicine, 2016, 213, 605-619.	4.2	76
39	Pillars Article: Cutting Edge: Toll-Like Receptor 4 (TLR4)-Deficient Mice Are Hyporesponsive to Lipopolysaccharide: Evidence for TLR4 as the Lps Gene Product. J. Immunol. 1999. 162: 3749-3752. Journal of Immunology, 2016, 197, 2563-6.	0.4	12
40	HuR keeps interferonâ€Î²2 mRNA stable. European Journal of Immunology, 2015, 45, 1296-1299.	1.6	14
41	Chromatin Remodeling and Transcriptional Control in Innate Immunity: Emergence of Akirin2 as a Novel Player. Biomolecules, 2015, 5, 1618-1633.	1.8	31
42	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.	1.1	20
43	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms. Cell, 2015, 161, 1058-1073.	13.5	296
44	Essential Function for the Nuclear Protein Akirin2 in B Cell Activation and Humoral Immune Responses. Journal of Immunology, 2015, 195, 519-527.	0.4	32
45	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.	3.3	30
46	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.	1.6	18
47	5-Azacytidine-induced Protein 2 (AZI2) Regulates Bone Mass by Fine-tuning Osteoclast Survival. Journal of Biological Chemistry, 2015, 290, 9377-9386.	1.6	13
48	Acquired resistance to gemcitabine and cross-resistance in human pancreatic cancer clones. Anti-Cancer Drugs, 2015, 26, 90-100.	0.7	29
49	Regnase-1 and Roquin regulate inflammatory mRNAs. Oncotarget, 2015, 6, 17869-17870.	0.8	7
50	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.	3.3	140
51	Akirin specifies <scp>NF</scp> â€ºB selectivity of Drosophila innate immune response via chromatin remodeling. EMBO Journal, 2014, 33, 2349-2362.	3.5	100
52	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.	3.5	105
53	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.	3.3	179
54	ILâ€33 causes selective mast cell tolerance to bacterial cell wall products by inducing IRAK1 degradation. European Journal of Immunology, 2013, 43, 979-988.	1.6	12

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55	Critical role of Trib1 in differentiation of tissue-resident M2-like macrophages. Nature, 2013, 495, 524-528.	13.7	285
56	Malt1-Induced Cleavage of Regnase-1 in CD4+ Helper T Cells Regulates Immune Activation. Cell, 2013, 153, 1036-1049.	13.5	296
57	Double-Stranded RNA of Intestinal Commensal but Not Pathogenic Bacteria Triggers Production of Protective Interferon-Î². Immunity, 2013, 38, 1187-1197.	6.6	176
58	The TNF Family Member 4-1BBL Sustains Inflammation by Interacting with TLR Signaling Components During Late-Phase Activation. Science Signaling, 2013, 6, ra87.	1.6	24
59	Strawberry notch homologue 2 regulates osteoclast fusion by enhancing the expression of DC-STAMP. Journal of Experimental Medicine, 2013, 210, 1947-1960.	4.2	49
60	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.	3.3	70
61	Essential Roles of K63-Linked Polyubiquitin-Binding Proteins TAB2 and TAB3 in B Cell Activation via MAPKs. Journal of Immunology, 2013, 190, 4037-4045.	0.4	53
62	Critical Role of AZI2 in GM-CSFâ€“Induced Dendritic Cell Differentiation. Journal of Immunology, 2013, 190, 5702-5711.	0.4	22
63	Post-transcriptional regulation of cytokine mRNA controls the initiation and resolution of inflammation. Biotechnology and Genetic Engineering Reviews, 2013, 29, 49-60.	2.4	36
64	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.	1.5	33
65	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.	1.5	88
66	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.	3.3	128
67	NO Is a Macrophage Autonomous Modifier of the Cytokine Response to Streptococcal Single-Stranded RNA. Journal of Immunology, 2012, 188, 774-780.	0.4	16
68	IRF3: a molecular switch in pathogen responses. Nature Immunology, 2012, 13, 634-635.	7.0	12
69	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.	1.6	37
70	The Transcription Factor Jdp2 Controls Bone Homeostasis and Antibacterial Immunity by Regulating Osteoclast and Neutrophil Differentiation. Immunity, 2012, 37, 1024-1036.	6.6	70
71	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.	1.5	170
72	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.	7.0	261

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73	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.	6.6	199
74	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.	3.3	112
75	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.	0.4	109
76	IL-1Î± Modulates Neutrophil Recruitment in Chronic Inflammation Induced by Hydrocarbon Oil. Journal of Immunology, 2011, 186, 1747-1754.	0.4	55
77	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.	2.2	95
78	An Slfn2 mutation causes lymphoid and myeloid immunodeficiency due to loss of immune cell quiescence. Nature Immunology, 2010, 11, 335-343.	7.0	78
79	The Jmjd3-Irf4 axis regulates M2 macrophage polarization and host responses against helminth infection. Nature Immunology, 2010, 11, 936-944.	7.0	996
80	Hepatitis C Virus Core Protein Abrogates the DDX3 Function That Enhances IPS-1-Mediated IFNâ€“Beta Induction. PLoS ONE, 2010, 5, e14258.	1.1	80
81	p53 Controls Radiation-Induced Gastrointestinal Syndrome in Mice Independent of Apoptosis. Science, 2010, 327, 593-596.	6.0	225
82	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.	3.3	140
83	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.	3.3	540
84	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.	3.3	46
85	BID, BIM, and PUMA Are Essential for Activation of the BAX- and BAK-Dependent Cell Death Program. Science, 2010, 330, 1390-1393.	6.0	416
86	Reconsideration of Dynamic Force Spectroscopy Analysis of Streptavidin-Biotin Interactions. International Journal of Molecular Sciences, 2010, 11, 2134-2151.	1.8	24
87	Pattern Recognition Receptors and Inflammation. Cell, 2010, 140, 805-820.	13.5	6,978
88	Protein Kinase R Contributes to Immunity against Specific Viruses by Regulating Interferon mRNA Integrity. Cell Host and Microbe, 2010, 7, 354-361.	5.1	137
89	Immunological basis of M13 phage vaccine: Regulation under MyD88 and TLR9 signaling. Biochemical and Biophysical Research Communications, 2010, 402, 19-22.	1.0	45
90	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.	1.6	125

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91	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.	1.5	79
92	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.	3.3	96
93	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.	3.3	705
94	Activation of MDA5 Requires Higher-Order RNA Structures Generated during Virus Infection. Journal of Virology, 2009, 83, 10761-10769.	1.5	377
95	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.	3.3	367
96	Direct recognition of the mycobacterial glycolipid, trehalose dimycolate, by C-type lectin Mincle. Journal of Experimental Medicine, 2009, 206, 2879-2888.	4.2	670
97	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.	0.4	83
98	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.	0.4	100
99	Zc3h12a is an RNase essential for controlling immune responses by regulating mRNA decay. Nature, 2009, 458, 1185-1190.	13.7	557
100	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.	7.0	148
101	Innate immunity to virus infection. Immunological Reviews, 2009, 227, 75-86.	2.8	1,053
102	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.	6.6	660
103	Stepwise Activation of BAX and BAK by tBID, BIM, and PUMA Initiates Mitochondrial Apoptosis. Molecular Cell, 2009, 36, 487-499.	4.5	505
104	Selective roles for antiapoptotic MCL-1 during granulocyte development and macrophage effector function. Blood, 2009, 113, 2805-2815.	0.6	108
105	TRAF6 Establishes Innate Immune Responses by Activating NF-ÎºB and IRF7 upon Sensing Cytosolic Viral RNA and DNA. PLoS ONE, 2009, 4, e5674.	1.1	102
106	MDA5/RIG-I and virus recognition. Current Opinion in Immunology, 2008, 20, 17-22.	2.4	501
107	Pathogen recognition by innate receptors. Journal of Infection and Chemotherapy, 2008, 14, 86-92.	0.8	187
108	TLR9 as a key receptor for the recognition of DNAâ˜†. Advanced Drug Delivery Reviews, 2008, 60, 795-804.	6.6	296

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109	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. Nature, 2008, 451, 725-729.	13.7	551
110	Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL-1Î² production. Nature, 2008, 456, 264-268.	13.7	1,837
111	Sequential control of Toll-like receptorâ€“dependent responses by IRAK1 and IRAK2. Nature Immunology, 2008, 9, 684-691.	7.0	361
112	RIG-I-like antiviral protein in flies. Nature Immunology, 2008, 9, 1327-1328.	7.0	16
113	Akirins are highly conserved nuclear proteins required for NF-Î°B-dependent gene expression in drosophila and mice. Nature Immunology, 2008, 9, 97-104.	7.0	223
114	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.	4.2	1,327
115	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.	3.3	44
116	Lymphocytoid Choriomeningitis Virus Activates Plasmacytoid Dendritic Cells and Induces a Cytotoxic T-Cell Response via MyD88. Journal of Virology, 2008, 82, 196-206.	1.5	110
117	TLR7-dependent and FcÎ³R-independent production of type I interferon in experimental mouse lupus. Journal of Experimental Medicine, 2008, 205, 2995-3006.	4.2	199
118	Enhanced TLR-mediated NF-IL6â€“dependent gene expression by Trib1 deficiency. Journal of Experimental Medicine, 2007, 204, 2233-2239.	4.2	73
119	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.	4.2	158
120	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.	1.5	151
121	Alveolar Macrophages Are the Primary Interferon-Î± Producer in Pulmonary Infection with RNA Viruses. Immunity, 2007, 27, 240-252.	6.6	340
122	Genetic analysis of resistance to viral infection. Nature Reviews Immunology, 2007, 7, 753-766.	10.6	172
123	TRIM25 RING-finger E3 ubiquitin ligase is essential for RIG-I-mediated antiviral activity. Nature, 2007, 446, 916-920.	13.7	1,405
124	Recognition of viruses by innate immunity. Immunological Reviews, 2007, 220, 214-224.	2.8	305
125	Signaling pathways activated by microorganisms. Current Opinion in Cell Biology, 2007, 19, 185-191.	2.6	76
126	Pathological role of Toll-like receptor signaling in cerebral malaria. International Immunology, 2006, 19, 67-79.	1.8	144

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127	Pathogen Recognition and Innate Immunity. Cell, 2006, 124, 783-801.	13.5	9,878
128	Differential inductions of TNF-alpha and IGTP, IIGP by structurally diverse classic and non-classic lipopolysaccharides. Cellular Microbiology, 2006, 8, 401-413.	1.1	95
129	A Toll-like receptorâ€“independent antiviral response induced by double-stranded B-form DNA. Nature Immunology, 2006, 7, 40-48.	7.0	704
130	Detection of pathogenic intestinal bacteria by Toll-like receptor 5 on intestinal CD11c+ lamina propria cells. Nature Immunology, 2006, 7, 868-874.	7.0	399
131	Key function for the Ubc13 E2 ubiquitin-conjugating enzyme in immune receptor signaling. Nature Immunology, 2006, 7, 962-970.	7.0	249
132	Differential roles of MDA5 and RIG-I helicases in the recognition of RNA viruses. Nature, 2006, 441, 101-105.	13.7	3,292
133	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.	1.8	110
134	Essential role of IPS-1 in innate immune responses against RNA viruses. Journal of Experimental Medicine, 2006, 203, 1795-1803.	4.2	438
135	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.	0.4	79
136	Cutting Edge: Pivotal Function of Ubc13 in Thymocyte TCR Signaling. Journal of Immunology, 2006, 177, 7520-7524.	0.4	76
137	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.	1.6	55
138	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. Nature Immunology, 2005, 6, 981-988.	7.0	2,254
139	Essential function for the kinase TAK1 in innate and adaptive immune responses. Nature Immunology, 2005, 6, 1087-1095.	7.0	839
140	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.	4.2	446
141	Involvement of Toll-Like Receptor 2 in Experimental Invasive Pulmonary Aspergillosis. Infection and Immunity, 2005, 73, 5420-5425.	1.0	103
142	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.	3.3	181
143	Atomic Force Microscopy on Imogolite, Aluminosilicate Nanotube, Adsorbed on Au(111) Surface. Japanese Journal of Applied Physics, 2005, 44, 5397-5399.	0.8	4
144	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.	3.3	152

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145	Role of Lipoteichoic Acid in the Phagocyte Response to Group BStreptococcus. Journal of Immunology, 2005, 174, 6449-6455.	0.4	125
146	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.	3.3	744
147	Cell Type-Specific Involvement of RIG-I in Antiviral Response. Immunity, 2005, 23, 19-28.	6.6	1,221
148	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.	1.0	123
149	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.	1.0	18
150	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.	1.3	33
151	Toll-like receptor 9 mediates innate immune activation by the malaria pigment hemozoin. Journal of Experimental Medicine, 2005, 201, 19-25.	4.2	537
152	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.	0.4	246
153	Toll-Like Receptor 4 Mediates the Antitumor Host Response Induced by a 55-Kilodalton Protein Isolated from Aeginetia indica L., a Parasitic Plant. Vaccine Journal, 2004, 11, 483-495.	2.6	25
154	Inhibitory Effect of Toll-Like Receptor 4 on Fusion between Phagosomes and Endosomes/Lysosomes in Macrophages. Journal of Immunology, 2004, 172, 2039-2047.	0.4	105
155	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.	4.2	536
156	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
157	Limited role of the Toll-like receptor-2 in resistance to Mycobacterium avium. Immunology, 2004, 111, 179-185.	2.0	33
158	Interferon-Î± induction through Toll-like receptors involves a direct interaction of IRF7 with MyD88 and TRAF6. Nature Immunology, 2004, 5, 1061-1068.	7.0	894
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