

Takeuchi Osamu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9580329/publications.pdf>

Version: 2024-02-01

220
papers

84,484
citations

1231

110
h-index

1561

217
g-index

224
all docs

224
docs citations

224
times ranked

64375
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen Recognition and Innate Immunity. <i>Cell</i> , 2006, 124, 783-801.	13.5	9,878
2	Pattern Recognition Receptors and Inflammation. <i>Cell</i> , 2010, 140, 805-820.	13.5	6,978
3	A Toll-like receptor recognizes bacterial DNA. <i>Nature</i> , 2000, 408, 740-745.	13.7	5,827
4	Differential roles of MDA5 and RIG-I helicases in the recognition of RNA viruses. <i>Nature</i> , 2006, 441, 101-105.	13.7	3,292
5	Differential Roles of TLR2 and TLR4 in Recognition of Gram-Negative and Gram-Positive Bacterial Cell Wall Components. <i>Immunity</i> , 1999, 11, 443-451.	6.6	3,040
6	Role of Adaptor TRIF in the MyD88-Independent Toll-Like Receptor Signaling Pathway. <i>Science</i> , 2003, 301, 640-643.	6.0	2,808
7	Small anti-viral compounds activate immune cells via the TLR7 MyD88-dependent signaling pathway. <i>Nature Immunology</i> , 2002, 3, 196-200.	7.0	2,290
8	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. <i>Nature Immunology</i> , 2005, 6, 981-988.	7.0	2,254
9	Loss of the autophagy protein Atg16L1 enhances endotoxin-induced IL-1 β production. <i>Nature</i> , 2008, 456, 264-268.	13.7	1,837
10	TRIM25 RING-finger E3 ubiquitin ligase is essential for RIG-I-mediated antiviral activity. <i>Nature</i> , 2007, 446, 916-920.	13.7	1,405
11	Length-dependent recognition of double-stranded ribonucleic acids by retinoic acid-inducible gene-1 and melanoma differentiation-associated gene 5. <i>Journal of Experimental Medicine</i> , 2008, 205, 1601-1610.	4.2	1,327
12	Cell Type-Specific Involvement of RIG-I in Antiviral Response. <i>Immunity</i> , 2005, 23, 19-28.	6.6	1,221
13	Cutting Edge: Role of Toll-Like Receptor 1 in Mediating Immune Response to Microbial Lipoproteins. <i>Journal of Immunology</i> , 2002, 169, 10-14.	0.4	1,186
14	Cutting Edge: A Novel Toll/IL-1 Receptor Domain-Containing Adapter That Preferentially Activates the IFN- β Promoter in the Toll-Like Receptor Signaling. <i>Journal of Immunology</i> , 2002, 169, 6668-6672.	0.4	1,123
15	Discrimination of bacterial lipoproteins by Toll-like receptor 6. <i>International Immunology</i> , 2001, 13, 933-940.	1.8	1,112
16	Innate immunity to virus infection. <i>Immunological Reviews</i> , 2009, 227, 75-86.	2.8	1,053
17	The Jmjd3-Irf4 axis regulates M2 macrophage polarization and host responses against helminth infection. <i>Nature Immunology</i> , 2010, 11, 936-944.	7.0	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. <i>Journal of Immunology</i> , 2001, 167, 5887-5894.	0.4	986

#	ARTICLE	IF	CITATIONS
19	Cutting Edge: TLR2-Deficient and MyD88-Deficient Mice Are Highly Susceptible to <i>Staphylococcus aureus</i> Infection. <i>Journal of Immunology</i> , 2000, 165, 5392-5396.	0.4	983
20	TRAM is specifically involved in the Toll-like receptor 4-mediated MyD88-independent signaling pathway. <i>Nature Immunology</i> , 2003, 4, 1144-1150.	7.0	919
21	Essential role for TIRAP in activation of the signalling cascade shared by TLR2 and TLR4. <i>Nature</i> , 2002, 420, 324-329.	13.7	910
22	Interferon- β induction through Toll-like receptors involves a direct interaction of IRF7 with MyD88 and TRAF6. <i>Nature Immunology</i> , 2004, 5, 1061-1068.	7.0	894
23	Essential function for the kinase TAK1 in innate and adaptive immune responses. <i>Nature Immunology</i> , 2005, 6, 1087-1095.	7.0	839
24	Cyclophilin D is a component of mitochondrial permeability transition and mediates neuronal cell death after focal cerebral ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 12005-12010.	3.3	744
25	Atg9a controls dsDNA-driven dynamic translocation of STING and the innate immune response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20842-20846.	3.3	705
26	A Toll-like receptor-independent antiviral response induced by double-stranded B-form DNA. <i>Nature Immunology</i> , 2006, 7, 40-48.	7.0	704
27	Direct recognition of the mycobacterial glycolipid, trehalose dimycolate, by C-type lectin Mincle. <i>Journal of Experimental Medicine</i> , 2009, 206, 2879-2888.	4.2	670
28	Recognition of 5'-pppAmp by RIG-I Helicase Requires Short Blunt Double-Stranded RNA as Contained in Panhandle of Negative-Strand Virus. <i>Immunity</i> , 2009, 31, 25-34.	6.6	660
29	Induction of Direct Antimicrobial Activity Through Mammalian Toll-Like Receptors. <i>Science</i> , 2001, 291, 1544-1547.	6.0	623
30	Limb and Skin Abnormalities in Mice Lacking IKK. <i>Science</i> , 1999, 284, 313-316.	6.0	595
31	SOCS-1 Participates in Negative Regulation of LPS Responses. <i>Immunity</i> , 2002, 17, 677-687.	6.6	583
32	Activation of Toll-Like Receptor 2 in Acne Triggers Inflammatory Cytokine Responses. <i>Journal of Immunology</i> , 2002, 169, 1535-1541.	0.4	557
33	Zc3h12a is an RNase essential for controlling immune responses by regulating mRNA decay. <i>Nature</i> , 2009, 458, 1185-1190.	13.7	557
34	TANK-binding kinase-1 delineates innate and adaptive immune responses to DNA vaccines. <i>Nature</i> , 2008, 451, 725-729.	13.7	551
35	Cutting Edge: Preferentially the D-Stereoisomer of the Mycoplasmal Lipopeptide Macrophage-Activating Lipopeptide-2 Activates Immune Cells Through a Toll-Like Receptor 2- and MyD88-Dependent Signaling Pathway. <i>Journal of Immunology</i> , 2000, 164, 554-557.	0.4	550
36	LGP2 is a positive regulator of RIG-I and MDA5-mediated antiviral responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1512-1517.	3.3	540

#	ARTICLE	IF	CITATIONS
37	Toll-like receptor 9 mediates innate immune activation by the malaria pigment hemozoin. <i>Journal of Experimental Medicine</i> , 2005, 201, 19-25.	4.2	537
38	The Roles of Two Î²B Kinase-related Kinases in Lipopolysaccharide and Double Stranded RNA Signaling and Viral Infection. <i>Journal of Experimental Medicine</i> , 2004, 199, 1641-1650.	4.2	536
39	Activation of Toll-Like Receptor-2 by Glycosylphosphatidylinositol Anchors from a Protozoan Parasite. <i>Journal of Immunology</i> , 2001, 167, 416-423.	0.4	513
40	Stepwise Activation of BAX and BAK by tBID, BIM, and PUMA Initiates Mitochondrial Apoptosis. <i>Molecular Cell</i> , 2009, 36, 487-499.	4.5	505
41	MDA5/RIG-I and virus recognition. <i>Current Opinion in Immunology</i> , 2008, 20, 17-22.	2.4	501
42	Interleukin-1 receptor-associated kinase-1 plays an essential role for Toll-like receptor (TLR)7- and TLR9-mediated interferon-Î± induction. <i>Journal of Experimental Medicine</i> , 2005, 201, 915-923.	4.2	446
43	Endotoxin-Induced Maturation of MyD88-Deficient Dendritic Cells. <i>Journal of Immunology</i> , 2001, 166, 5688-5694.	0.4	445
44	Regulation of Toll/IL-1-receptor-mediated gene expression by the inducible nuclear protein Î²BÎ±. <i>Nature</i> , 2004, 430, 218-222.	13.7	445
45	Essential role of IPS-1 in innate immune responses against RNA viruses. <i>Journal of Experimental Medicine</i> , 2006, 203, 1795-1803.	4.2	438
46	Immune Cell Activation by Bacterial CpG-DNA through Myeloid Differentiation Marker 88 and Tumor Necrosis Factor Receptor-Associated Factor (Traf)6. <i>Journal of Experimental Medicine</i> , 2000, 192, 595-600.	4.2	434
47	BID, BIM, and PUMA Are Essential for Activation of the BAX- and BAK-Dependent Cell Death Program. <i>Science</i> , 2010, 330, 1390-1393.	6.0	416
48	Toll-like receptors; their physiological role and signal transduction system. <i>International Immunopharmacology</i> , 2001, 1, 625-635.	1.7	414
49	Detection of pathogenic intestinal bacteria by Toll-like receptor 5 on intestinal CD11c+ lamina propria cells. <i>Nature Immunology</i> , 2006, 7, 868-874.	7.0	399
50	Maturation of Human Dendritic Cells by Cell Wall Skeleton of Mycobacterium bovis Bacillus Calmette-Guérin: Involvement of Toll-Like Receptors. <i>Infection and Immunity</i> , 2000, 68, 6883-6890.	1.0	381
51	Activation of MDA5 Requires Higher-Order RNA Structures Generated during Virus Infection. <i>Journal of Virology</i> , 2009, 83, 10761-10769.	1.5	377
52	CD11b/CD18 Acts in Concert with CD14 and Toll-Like Receptor (TLR) 4 to Elicit Full Lipopolysaccharide and Taxol-Inducible Gene Expression. <i>Journal of Immunology</i> , 2001, 166, 574-581.	0.4	368
53	Synergy and Cross-Tolerance Between Toll-Like Receptor (TLR) 2- and TLR4-Mediated Signaling Pathways. <i>Journal of Immunology</i> , 2000, 165, 7096-7101.	0.4	367
54	C-type lectin Mincle is an activating receptor for pathogenic fungus, <i>Malassezia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1897-1902.	3.3	367

#	ARTICLE	IF	CITATIONS
55	Sequential control of Toll-like receptor-dependent responses by IRAK1 and IRAK2. <i>Nature Immunology</i> , 2008, 9, 684-691.	7.0	361
56	Alveolar Macrophages Are the Primary Interferon- γ Producer in Pulmonary Infection with RNA Viruses. <i>Immunity</i> , 2007, 27, 240-252.	6.6	340
57	Recognition of viruses by innate immunity. <i>Immunological Reviews</i> , 2007, 220, 214-224.	2.8	305
58	TLR9 as a key receptor for the recognition of DNA α T. <i>Advanced Drug Delivery Reviews</i> , 2008, 60, 795-804.	6.6	296
59	Malt1-Induced Cleavage of Regnase-1 in CD4+ Helper T Cells Regulates Immune Activation. <i>Cell</i> , 2013, 153, 1036-1049.	13.5	296
60	Regnase-1 and Roquin Regulate a Common Element in Inflammatory mRNAs by Spatiotemporally Distinct Mechanisms. <i>Cell</i> , 2015, 161, 1058-1073.	13.5	296
61	Cellular responses to bacterial cell wall components are mediated through MyD88-dependent signaling cascades. <i>International Immunology</i> , 2000, 12, 113-117.	1.8	291
62	Critical role of Trib1 in differentiation of tissue-resident M2-like macrophages. <i>Nature</i> , 2013, 495, 524-528.	13.7	285
63	Toll-Like Receptor-2 Modulates Ventricular Remodeling After Myocardial Infarction. <i>Circulation</i> , 2003, 108, 2905-2910.	1.6	277
64	Critical Roles of Myeloid Differentiation Factor 88-Dependent Proinflammatory Cytokine Release in Early Phase Clearance of <i>Listeria monocytogenes</i> in Mice. <i>Journal of Immunology</i> , 2002, 169, 3863-3868.	0.4	265
65	Differential involvement of IFN- α in Toll-like receptor-stimulated dendritic cell activation. <i>International Immunology</i> , 2002, 14, 1225-1231.	1.8	264
66	The I κ B kinase complex regulates the stability of cytokine-encoding mRNA induced by TLR-induced IL-1R by controlling degradation of regnase-1. <i>Nature Immunology</i> , 2011, 12, 1167-1175.	7.0	261
67	Key function for the Ubc13 E2 ubiquitin-conjugating enzyme in immune receptor signaling. <i>Nature Immunology</i> , 2006, 7, 962-970.	7.0	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. <i>Journal of Immunology</i> , 2004, 172, 3132-3138.	0.4	246
69	p53 Controls Radiation-Induced Gastrointestinal Syndrome in Mice Independent of Apoptosis. <i>Science</i> , 2010, 327, 593-596.	6.0	225
70	Akirins are highly conserved nuclear proteins required for NF- κ B-dependent gene expression in drosophila and mice. <i>Nature Immunology</i> , 2008, 9, 97-104.	7.0	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-1 β . <i>Journal of Immunology</i> , 2001, 166, 2651-2657.	0.4	222
72	Roles of Toll-Like Receptors in C-C Chemokine Production by Renal Tubular Epithelial Cells. <i>Journal of Immunology</i> , 2002, 169, 2026-2033.	0.4	222

#	ARTICLE	IF	CITATIONS
73	TLR7-dependent and FcγR-independent production of type I interferon in experimental mouse lupus. <i>Journal of Experimental Medicine</i> , 2008, 205, 2995-3006.	4.2	199
74	Antiviral Protein Viperin Promotes Toll-like Receptor 7- and Toll-like Receptor 9-Mediated Type I Interferon Production in Plasmacytoid Dendritic Cells. <i>Immunity</i> , 2011, 34, 352-363.	6.6	199
75	Synergistic Effect of Muramyl dipeptide with Lipopolysaccharide or Lipoteichoic Acid To Induce Inflammatory Cytokines in Human Monocytic Cells in Culture. <i>Infection and Immunity</i> , 2001, 69, 2045-2053.	1.0	193
76	Pathogen recognition by innate receptors. <i>Journal of Infection and Chemotherapy</i> , 2008, 14, 86-92.	0.8	187
77	<i>Plasmodium berghei</i> Infection in Mice Induces Liver Injury by an IL-12- and Toll-Like Receptor/Myeloid Differentiation Factor 88-Dependent Mechanism. <i>Journal of Immunology</i> , 2001, 167, 5928-5934.	0.4	186
78	Essential role of BAX, BAK in B cell homeostasis and prevention of autoimmune disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11272-11277.	3.3	181
79	Arid5a controls IL-6 mRNA stability, which contributes to elevation of IL-6 level in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9409-9414.	3.3	179
80	Differential recognition of structural details of bacterial lipopeptides by toll-like receptors. <i>European Journal of Immunology</i> , 2002, 32, 3337-3347.	1.6	179
81	Involvement of Toll-like Receptor (TLR) 2 and TLR4 in Cell Activation by Mannuronic Acid Polymers. <i>Journal of Biological Chemistry</i> , 2002, 277, 35489-35495.	1.6	178
82	Endotoxin can induce MyD88-deficient dendritic cells to support Th2 cell differentiation. <i>International Immunology</i> , 2002, 14, 695-700.	1.8	176
83	Double-Stranded RNA of Intestinal Commensal but Not Pathogenic Bacteria Triggers Production of Protective Interferon-β. <i>Immunity</i> , 2013, 38, 1187-1197.	6.6	176
84	Genetic analysis of resistance to viral infection. <i>Nature Reviews Immunology</i> , 2007, 7, 753-766.	10.6	172
85	West Nile Virus Noncoding Subgenomic RNA Contributes to Viral Evasion of the Type I Interferon-Mediated Antiviral Response. <i>Journal of Virology</i> , 2012, 86, 5708-5718.	1.5	170
86	Frequent mutations that converge on the NFKBIZ pathway in ulcerative colitis. <i>Nature</i> , 2020, 577, 260-265.	13.7	168
87	TLR2 as an essential molecule for protective immunity against <i>Toxoplasma gondii</i> infection. <i>International Immunology</i> , 2003, 15, 1081-1087.	1.8	165
88	Mycobacterial Infection in TLR2 and TLR6 Knockout Mice. <i>Microbiology and Immunology</i> , 2003, 47, 327-336.	0.7	160
89	Essential role of IRAK-4 protein and its kinase activity in Toll-like receptor-mediated immune responses but not in TCR signaling. <i>Journal of Experimental Medicine</i> , 2007, 204, 1013-1024.	4.2	158
90	Recognition of lipopeptides by Toll-like receptors. <i>Journal of Endotoxin Research</i> , 2002, 8, 459-463.	2.5	158

#	ARTICLE	IF	CITATIONS
91	Simultaneous Blocking of Human Toll-Like Receptors 2 and 4 Suppresses Myeloid Dendritic Cell Activation Induced by <i>Mycobacterium bovis</i> Bacillus Calmette-Guérin Peptidoglycan. <i>Infection and Immunity</i> , 2003, 71, 4238-4249.	1.0	154
92	A variety of microbial components induce tolerance to lipopolysaccharide by differentially affecting MyD88-dependent and -independent pathways. <i>International Immunology</i> , 2002, 14, 783-791.	1.8	153
93	Suppressor of cytokine signaling-1 selectively inhibits LPS-induced IL-6 production by regulating JAK-STAT. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17089-17094.	3.3	152
94	Hepatitis C Virus Nonstructural Protein 5A Modulates the Toll-Like Receptor-MyD88-Dependent Signaling Pathway in Macrophage Cell Lines. <i>Journal of Virology</i> , 2007, 81, 8953-8966.	1.5	151
95	TANK is a negative regulator of Toll-like receptor signaling and is critical for the prevention of autoimmune nephritis. <i>Nature Immunology</i> , 2009, 10, 965-972.	7.0	148
96	Pathological role of Toll-like receptor signaling in cerebral malaria. <i>International Immunology</i> , 2006, 19, 67-79.	1.8	144
97	Toll-Like Receptor 2 Mediates <i>Staphylococcus aureus</i> -Induced Myocardial Dysfunction and Cytokine Production in the Heart. <i>Circulation</i> , 2004, 110, 3693-3698.	1.6	143
98	Polyubiquitin conjugation to NEMO by tripartite motif protein 23 (TRIM23) is critical in antiviral defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15856-15861.	3.3	140
99	Pivotal role of RNA-binding E3 ubiquitin ligase MEX3C in RIG-I-mediated antiviral innate immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5646-5651.	3.3	140
100	Protein Kinase R Contributes to Immunity against Specific Viruses by Regulating Interferon mRNA Integrity. <i>Cell Host and Microbe</i> , 2010, 7, 354-361.	5.1	137
101	Expression of Toll-Like Receptor 2 on $\gamma\delta$ T Cells Bearing Invariant $V\beta 6/V\delta 1$ Induced by <i>Escherichia coli</i> Infection in Mice. <i>Journal of Immunology</i> , 2000, 165, 931-940.	0.4	135
102	Novel Engagement of CD14 and Multiple Toll-Like Receptors by Group B Streptococci. <i>Journal of Immunology</i> , 2001, 167, 7069-7076.	0.4	135
103	Cellular Activation, Phagocytosis, and Bactericidal Activity Against Group B Streptococcus Involve Parallel Myeloid Differentiation Factor 88-Dependent and Independent Signaling Pathways. <i>Journal of Immunology</i> , 2002, 169, 3970-3977.	0.4	130
104	Bruton's tyrosine kinase phosphorylates Toll-like receptor 3 to initiate antiviral response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5791-5796.	3.3	128
105	Role of Lipoteichoic Acid in the Phagocyte Response to Group B Streptococcus. <i>Journal of Immunology</i> , 2005, 174, 6449-6455.	0.4	125
106	The Triacylated ATP Binding Cluster Transporter Substrate-binding Lipoprotein of <i>Staphylococcus aureus</i> Functions as a Native Ligand for Toll-like Receptor 2. <i>Journal of Biological Chemistry</i> , 2009, 284, 8406-8411.	1.6	125
107	Regulation of lipopolysaccharide-inducible genes by MyD88 and Toll/IL-1 domain containing adaptor inducing IFN- β . <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 383-392.	1.0	123
108	CD19 regulates innate immunity by the toll-like receptor RP105 signaling in B lymphocytes. <i>Blood</i> , 2003, 102, 1374-1380.	0.6	117

#	ARTICLE	IF	CITATIONS
109	<i>Mycoplasma fermentans</i> Lipoprotein M161Ag-Induced Cell Activation Is Mediated by Toll-Like Receptor 2: Role of N-Terminal Hydrophobic Portion in its Multiple Functions. <i>Journal of Immunology</i> , 2001, 166, 2610-2616.	0.4	115
110	Negative Regulation of Platelet Clearance and of the Macrophage Phagocytic Response by the Transmembrane Glycoprotein SHPS-1. <i>Journal of Biological Chemistry</i> , 2002, 277, 39833-39839.	1.6	115
111	The TRAF-associated protein TANK facilitates cross-talk within the I κ B kinase family during Toll-like receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17093-17098.	3.3	112
112	Cell activation by <i>Porphyromonas gingivalis</i> lipid A molecule through Toll-like receptor 4- and myeloid differentiation factor 88-dependent signaling pathway. <i>International Immunology</i> , 2002, 14, 1325-1332.	1.8	111
113	Lipopolysaccharide from <i>Coxiella burnetii</i> Is Involved in Bacterial Phagocytosis, Filamentous Actin Reorganization, and Inflammatory Responses through Toll-Like Receptor 4. <i>Journal of Immunology</i> , 2004, 172, 3695-3703.	0.4	110
114	TAK1 is indispensable for development of T cells and prevention of colitis by the generation of regulatory T cells. <i>International Immunology</i> , 2006, 18, 1405-1411.	1.8	110
115	Lymphocytoid Choriomeningitis Virus Activates Plasmacytoid Dendritic Cells and Induces a Cytotoxic T-Cell Response via MyD88. <i>Journal of Virology</i> , 2008, 82, 196-206.	1.5	110
116	Akt Contributes to Activation of the TRIF-Dependent Signaling Pathways of TLRs by Interacting with TANK-Binding Kinase 1. <i>Journal of Immunology</i> , 2011, 186, 499-507.	0.4	109
117	Selective roles for antiapoptotic MCL-1 during granulocyte development and macrophage effector function. <i>Blood</i> , 2009, 113, 2805-2815.	0.6	108
118	Inhibitory Effect of Toll-Like Receptor 4 on Fusion between Phagosomes and Endosomes/Lysosomes in Macrophages. <i>Journal of Immunology</i> , 2004, 172, 2039-2047.	0.4	105
119	Akirin2 is critical for inducing inflammatory genes by bridging I κ B α and the SNF complex. <i>EMBO Journal</i> , 2014, 33, 2332-2348.	3.5	105
120	Involvement of Toll-Like Receptor 2 in Experimental Invasive Pulmonary Aspergillosis. <i>Infection and Immunity</i> , 2005, 73, 5420-5425.	1.0	103
121	TRAF6 Establishes Innate Immune Responses by Activating NF- κ B and IRF7 upon Sensing Cytosolic Viral RNA and DNA. <i>PLoS ONE</i> , 2009, 4, e5674.	1.1	102
122	Poly I:C-Induced Activation of NK Cells by CD8 α ⁺ Dendritic Cells via the IPS-1 and TRIF-Dependent Pathways. <i>Journal of Immunology</i> , 2009, 183, 2522-2528.	0.4	100
123	Akirin specifies NF- κ B selectivity of <i>Drosophila</i> innate immune response via chromatin remodeling. <i>EMBO Journal</i> , 2014, 33, 2349-2362.	3.5	100
124	Codon bias confers stability to human mRNA s. <i>EMBO Reports</i> , 2019, 20, e48220.	2.0	100
125	A selective contribution of the RIG-I-like receptor pathway to type I interferon responses activated by cytosolic DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 17870-17875.	3.3	96
126	Differential inductions of TNF-alpha and IL1 β , IL6 by structurally diverse classic and non-classic lipopolysaccharides. <i>Cellular Microbiology</i> , 2006, 8, 401-413.	1.1	95

#	ARTICLE	IF	CITATIONS
127	Human lactoferrin activates NF- κ B through the Toll-like receptor 4 pathway while it interferes with the lipopolysaccharide-stimulated TLR4 signaling. <i>FEBS Journal</i> , 2010, 277, 2051-2066.	2.2	95
128	The Toll-Like Receptor 3-Mediated Antiviral Response Is Important for Protection against Poliovirus Infection in Poliovirus Receptor Transgenic Mice. <i>Journal of Virology</i> , 2012, 86, 185-194.	1.5	88
129	Cutting Edge: TLR-Dependent Viral Recognition Along with Type I IFN Positive Feedback Signaling Masks the Requirement of Viral Replication for IFN- λ Production in Plasmacytoid Dendritic Cells. <i>Journal of Immunology</i> , 2009, 182, 3960-3964.	0.4	83
130	Hepatitis C Virus Core Protein Abrogates the DDX3 Function That Enhances IPS-1-Mediated IFN- β Induction. <i>PLoS ONE</i> , 2010, 5, e14258.	1.1	80
131	Involvement of Toll-Like Receptor 4 Signaling in Interferon- α Production and Antitumor Effect by Streptococcal Agent OK-432. <i>Journal of the National Cancer Institute</i> , 2003, 95, 316-326.	3.0	79
132	Cutting Edge: Role of TANK-Binding Kinase 1 and Inducible I κ B Kinase in IFN Responses against Viruses in Innate Immune Cells. <i>Journal of Immunology</i> , 2006, 177, 5785-5789.	0.4	79
133	Baculovirus Induces Type I Interferon Production through Toll-Like Receptor-Dependent and -Independent Pathways in a Cell-Type-Specific Manner. <i>Journal of Virology</i> , 2009, 83, 7629-7640.	1.5	79
134	An <i>Slfn2</i> mutation causes lymphoid and myeloid immunodeficiency due to loss of immune cell quiescence. <i>Nature Immunology</i> , 2010, 11, 335-343.	7.0	78
135	Cutting Edge: Pivotal Function of Ubc13 in Thymocyte TCR Signaling. <i>Journal of Immunology</i> , 2006, 177, 7520-7524.	0.4	76
136	Signaling pathways activated by microorganisms. <i>Current Opinion in Cell Biology</i> , 2007, 19, 185-191.	2.6	76
137	<i>Arid5a</i> regulates naive CD4+ T cell fate through selective stabilization of Stat3 mRNA. <i>Journal of Experimental Medicine</i> , 2016, 213, 605-619.	4.2	76
138	Enhanced TLR-mediated NF-IL6-dependent gene expression by <i>Trib1</i> deficiency. <i>Journal of Experimental Medicine</i> , 2007, 204, 2233-2239.	4.2	73
139	NET-CAGE characterizes the dynamics and topology of human transcribed cis-regulatory elements. <i>Nature Genetics</i> , 2019, 51, 1369-1379.	9.4	72
140	The Transcription Factor <i>Jdp2</i> Controls Bone Homeostasis and Antibacterial Immunity by Regulating Osteoclast and Neutrophil Differentiation. <i>Immunity</i> , 2012, 37, 1024-1036.	6.6	70
141	Zinc-finger antiviral protein mediates retinoic acid inducible gene-like receptor-independent antiviral response to murine leukemia virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12379-12384.	3.3	70
142	<i>N4BP1</i> restricts HIV-1 and its inactivation by <i>MALT1</i> promotes viral reactivation. <i>Nature Microbiology</i> , 2019, 4, 1532-1544.	5.9	61
143	Glycosylphosphatidylinositol-anchored mucin-like glycoproteins isolated from <i>Trypanosoma cruzi</i> trypomastigotes induce in vivo leukocyte recruitment dependent on MCP-1 production by IFN-gamma-primed-macrophages. <i>Journal of Leukocyte Biology</i> , 2002, 71, 837-44.	1.5	58
144	<i>VP1686</i> , a <i>Vibrio</i> Type III Secretion Protein, Induces Toll-like Receptor-independent Apoptosis in Macrophage through NF- κ B Inhibition. <i>Journal of Biological Chemistry</i> , 2006, 281, 36897-36904.	1.6	55

#	ARTICLE	IF	CITATIONS
145	IL-1 β Modulates Neutrophil Recruitment in Chronic Inflammation Induced by Hydrocarbon Oil. <i>Journal of Immunology</i> , 2011, 186, 1747-1754.	0.4	55
146	Essential Roles of K63-Linked Polyubiquitin-Binding Proteins TAB2 and TAB3 in B Cell Activation via MAPKs. <i>Journal of Immunology</i> , 2013, 190, 4037-4045.	0.4	53
147	Mitochondrial damage elicits a TCDD-inducible poly(ADP-ribose) polymerase-mediated antiviral response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2681-2686.	3.3	52
148	Genetic approaches to the study of Toll-like receptor function. <i>Microbes and Infection</i> , 2002, 4, 887-895.	1.0	51
149	Strawberry notch homologue 2 regulates osteoclast fusion by enhancing the expression of DC-STAMP. <i>Journal of Experimental Medicine</i> , 2013, 210, 1947-1960.	4.2	49
150	Post-transcriptional regulation of immune responses by RNA binding proteins. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2018, 94, 248-258.	1.6	48
151	Mouse Proteasomal ATPases Psmc3 and Psmc4: Genomic Organization and Gene Targeting. <i>Genomics</i> , 2000, 67, 1-7.	1.3	46
152	IRF1 is essential for natural killer cell activation in response to IL-12 and IL-18. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17680-17685.	3.3	46
153	Immunological basis of M13 phage vaccine: Regulation under MyD88 and TLR9 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 19-22.	1.0	45
154	Regulation of lymphocyte progenitor survival by the proapoptotic activities of Bim and Bid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20840-20845.	3.3	44
155	Regnase-1 and Roquin Nonredundantly Regulate Th1 Differentiation Causing Cardiac Inflammation and Fibrosis. <i>Journal of Immunology</i> , 2017, 199, 4066-4077.	0.4	42
156	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. <i>Infection and Immunity</i> , 2002, 70, 1272-1278.	1.0	40
157	TRAF Family Member-associated NF- κ B Activator (TANK) Is a Negative Regulator of Osteoclastogenesis and Bone Formation. <i>Journal of Biological Chemistry</i> , 2012, 287, 29114-29124.	1.6	37
158	Post-transcriptional regulation of cytokine mRNA controls the initiation and resolution of inflammation. <i>Biotechnology and Genetic Engineering Reviews</i> , 2013, 29, 49-60.	2.4	36
159	Monocytic Cell Activation by Nonendotoxic Glycoprotein from <i>Prevotella intermedia</i> ATCC 25611 Is Mediated by Toll-Like Receptor 2. <i>Infection and Immunity</i> , 2001, 69, 4951-4957.	1.0	33
160	Limited role of the Toll-like receptor-2 in resistance to <i>Mycobacterium avium</i> . <i>Immunology</i> , 2004, 111, 179-185.	2.0	33
161	<i>Escherichia coli</i> enterotoxin 1 mediates apoptosis in human HCT116 colon cancer cells by inducing overexpression of the GADD family of genes and S phase arrest. <i>FEBS Letters</i> , 2005, 579, 6604-6610.	1.3	33
162	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. <i>Journal of Virology</i> , 2012, 86, 6159-6170.	1.5	33

#	ARTICLE	IF	CITATIONS
163	Essential Function for the Nuclear Protein Akirin2 in B Cell Activation and Humoral Immune Responses. <i>Journal of Immunology</i> , 2015, 195, 519-527.	0.4	32
164	Translation-dependent unwinding of stem-loops by UPF1 licenses Regnase-1 to degrade inflammatory mRNAs. <i>Nucleic Acids Research</i> , 2019, 47, 8838-8859.	6.5	32
165	Chromatin Remodeling and Transcriptional Control in Innate Immunity: Emergence of Akirin2 as a Novel Player. <i>Biomolecules</i> , 2015, 5, 1618-1633.	1.8	31
166	Hematopoietic IKBKE limits the chronicity of inflammasome priming and metaflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 506-511.	3.3	30
167	Acquired resistance to gemcitabine and cross-resistance in human pancreatic cancer clones. <i>Anti-Cancer Drugs</i> , 2015, 26, 90-100.	0.7	29
168	RNA binding proteins in the control of autoimmune diseases. <i>Immunological Medicine</i> , 2019, 42, 53-64.	1.4	27
169	The effects of codon bias and optimality on mRNA and protein regulation. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 1909-1928.	2.4	26
170	Translational control of mRNAs by 3'-Untranslated region binding proteins. <i>BMB Reports</i> , 2017, 50, 194-200.	1.1	26
171	Toll-Like Receptor 4 Mediates the Antitumor Host Response Induced by a 55-Kilodalton Protein Isolated from <i>Aeginetia indica</i> L., a Parasitic Plant. <i>Vaccine Journal</i> , 2004, 11, 483-495.	2.6	25
172	Reconsideration of Dynamic Force Spectroscopy Analysis of Streptavidin-Biotin Interactions. <i>International Journal of Molecular Sciences</i> , 2010, 11, 2134-2151.	1.8	24
173	The TNF Family Member 4-1BBL Sustains Inflammation by Interacting with TLR Signaling Components During Late-Phase Activation. <i>Science Signaling</i> , 2013, 6, ra87.	1.6	24
174	Pulmonary Regnase-1 orchestrates the interplay of epithelium and adaptive immune systems to protect against pneumonia. <i>Mucosal Immunology</i> , 2018, 11, 1203-1218.	2.7	23
175	Post-transcriptional control of immune responses and its potential application. <i>Clinical and Translational Immunology</i> , 2019, 8, e1063.	1.7	23
176	Critical Role of AZI2 in GM-CSF-Induced Dendritic Cell Differentiation. <i>Journal of Immunology</i> , 2013, 190, 5702-5711.	0.4	22
177	Synergistic effects of lipopolysaccharide and interferon- β in inducing interleukin-8 production in human monocytic THP-1 cells is accompanied by up-regulation of CD14, Toll-like receptor 4, MD-2 and MyD88 expression. <i>Journal of Endotoxin Research</i> , 2003, 9, 145-153.	2.5	21
178	A Lipopolysaccharide from <i>Pantoea Agglomerans</i> Is a Promising Adjuvant for Sublingual Vaccines to Induce Systemic and Mucosal Immune Responses in Mice via TLR4 Pathway. <i>PLoS ONE</i> , 2015, 10, e0126849.	1.1	20
179	Microarray analysis identifies apoptosis regulatory gene expression in HCT116 cells infected with thermostable direct hemolysin-deletion mutant of <i>Vibrio parahaemolyticus</i> . <i>Biochemical and Biophysical Research Communications</i> , 2005, 335, 328-334.	1.0	18
180	Negative Regulation of Melanoma Differentiation-associated Gene 5 (MDA5)-dependent Antiviral Innate Immune Responses by Arf-like Protein 5B. <i>Journal of Biological Chemistry</i> , 2015, 290, 1269-1280.	1.6	18

#	ARTICLE	IF	CITATIONS
181	RIG-I-like antiviral protein in flies. <i>Nature Immunology</i> , 2008, 9, 1327-1328.	7.0	16
182	NO Is a Macrophage Autonomous Modifier of the Cytokine Response to Streptococcal Single-Stranded RNA. <i>Journal of Immunology</i> , 2012, 188, 774-780.	0.4	16
183	A Simple 1-Day Colon Capsule Endoscopy Procedure Demonstrated to be a Highly Acceptable Monitoring Tool for Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 2404-2412.	0.9	16
184	Genetic polymorphisms of enzyme proteins and transporters related to methotrexate response and pharmacokinetics in a Japanese population. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2016, 2, 35.	0.4	15
185	HuR keeps interferon- β mRNA stable. <i>European Journal of Immunology</i> , 2015, 45, 1296-1299.	1.6	14
186	Cytokine-Inducing Macromolecular Glycolipids from <i>Enterococcus hirae</i> : Improved Method for Separation and Analysis of Its Effects on Cellular Activation. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 164-169.	1.0	13
187	5-Azacytidine-induced Protein 2 (AZI2) Regulates Bone Mass by Fine-tuning Osteoclast Survival. <i>Journal of Biological Chemistry</i> , 2015, 290, 9377-9386.	1.6	13
188	IRF3: a molecular switch in pathogen responses. <i>Nature Immunology</i> , 2012, 13, 634-635.	7.0	12
189	IL-33 causes selective mast cell tolerance to bacterial cell wall products by inducing IRAK1 degradation. <i>European Journal of Immunology</i> , 2013, 43, 979-988.	1.6	12
190	SHOC2 Is a Critical Modulator of Sensitivity to EGFR-TKIs in Non-Small Cell Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2021, 19, 317-328.	1.5	12
191	Regnase-1-related endoribonucleases in health and immunological diseases. <i>Immunological Reviews</i> , 2021, 304, 97-110.	2.8	12
192	Pillars Article: Cutting Edge: Toll-Like Receptor 4 (TLR4)-Deficient Mice Are Hyporesponsive to Lipopolysaccharide: Evidence for TLR4 as the Lps Gene Product. <i>J. Immunol.</i> 1999. 162: 3749-3752. <i>Journal of Immunology</i> , 2016, 197, 2563-6.	0.4	12
193	Regnase-1 Is an Endoribonuclease Essential for the Maintenance of Immune Homeostasis. <i>Journal of Interferon and Cytokine Research</i> , 2017, 37, 220-229.	0.5	10
194	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. <i>Molecular and Cellular Biochemistry</i> , 2020, 472, 187-198.	1.4	10
195	PIN and CCCH Zn-finger domains coordinate RNA targeting in ZC3H12 family endoribonucleases. <i>Nucleic Acids Research</i> , 2021, 49, 5369-5381.	6.5	9
196	Prexasertib increases the sensitivity of pancreatic cancer cells to gemcitabine and S-1. <i>Oncology Reports</i> , 2020, 43, 689-699.	1.2	9
197	Enhancement of Regnase-1 expression with stem loop-targeting antisense oligonucleotides alleviates inflammatory diseases. <i>Science Translational Medicine</i> , 2022, 14, eabo2137.	5.8	8
198	Recombinant human interleukin-11 improved carboplatin-induced thrombocytopenia without affecting antitumor activities in mice bearing Lewis lung carcinoma cells. <i>Cancer Chemotherapy and Pharmacology</i> , 2002, 49, 161-166.	1.1	7

#	ARTICLE	IF	CITATIONS
199	Inhibition of growth of human hepatoma cells by dual-function antisense IL-6 oligonucleotides. <i>Hepatology Research</i> , 2002, 22, 119-126.	1.8	7
200	Ultimate High Conductivity of Multilayer Graphene Examined by Multiprobe Scanning Tunneling Potentiometry on Artificially Grown High-Quality Graphite Thin Film. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1762-1771.	2.0	7
201	Glycogen synthase kinase β 2 participates in acquired resistance to gemcitabine in pancreatic cancer. <i>Cancer Science</i> , 2020, 111, 4405-4416.	1.7	7
202	Post-transcriptional regulation of immunological responses by Regnase-1-related RNases. <i>International Immunology</i> , 2021, 33, 859-865.	1.8	7
203	Regnase-1 and Roquin regulate inflammatory mRNAs. <i>Oncotarget</i> , 2015, 6, 17869-17870.	0.8	7
204	Translation of Hepatitis A Virus IRES Is Upregulated by a Hepatic Cell-Specific Factor. <i>Frontiers in Genetics</i> , 2018, 9, 307.	1.1	6
205	Flesh-eating <i>Streptococcus pyogenes</i> triggers the expression of receptor activator of nuclear factor- κ B ligand. <i>Cellular Microbiology</i> , 2016, 18, 1390-1404.	1.1	5
206	Atomic Force Microscopy on Imogolite, Aluminosilicate Nanotube, Adsorbed on Au(111) Surface. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 5397-5399.	0.8	4
207	Differential effects of mesalazine formulations on thiopurine metabolism through thiopurine S-methyltransferase inhibition. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 2116-2124.	1.4	4
208	Cyclin J β -CDK complexes limit innate immune responses by reducing proinflammatory changes in macrophage metabolism. <i>Science Signaling</i> , 2022, 15, eabm5011.	1.6	4
209	Sex Differences in mRNA Expression of Reduced Folate Carrier β 1, Polypolyformyl Glutamate Synthase, and β -Glutamyl Hydrolase in a Healthy Japanese Population. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 1563-1569.	1.0	3
210	NSD3 keeps IRF3 active. <i>Journal of Experimental Medicine</i> , 2017, 214, 3475-3476.	4.2	3
211	Increased DNA-incorporated thiopurine metabolite as a possible mechanism for leukocytopenia through cell apoptosis in inflammatory bowel disease patients with NUDT15 mutation. <i>Journal of Gastroenterology</i> , 2021, 56, 999-1007.	2.3	3
212	Evaluation of Suppressive Effects of Tranilast on the Invasion/Metastasis Mechanism in a Murine Pancreatic Cancer Cell Line. <i>Pancreas</i> , 2017, 46, 567-574.	0.5	2
213	Functional dissection of the KRAS G12C mutation by comparison among multiple oncogenic driver mutations in a lung cancer cell line model. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 1-7.	1.0	2
214	Individualized treatment based on CYP3A5 single-nucleotide polymorphisms with tacrolimus in ulcerative colitis. <i>Intestinal Research</i> , 2019, 17, 218-226.	1.0	2
215	A case of concomitant association of early esophageal carcinoma and early gastric carcinoma. <i>Japanese Journal of Gastroenterological Surgery</i> , 1986, 19, 2409-2412.	0.0	1
216	Local Performance Evaluation of Organic Solar Cell Using Scanning Tunneling Microscopy (STM). <i>Journal of the Vacuum Society of Japan</i> , 2017, 60, 381-387.	0.3	0

#	ARTICLE	IF	CITATIONS
217	Production of Si-Mn Alloy Using Cold Pellets Contained Carbon Material. Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan, 1986, 72, 2024-2031.	0.1	0
218	STUDY OF COMPUTED TOMOGRAPHY ON REGIONAL LYMPH NODES OF THE BREAST. The Journal of the Japanese Practical Surgeon Society, 1989, 50, 650-657.	0.0	0
219	ADRENAL MYELOLIPOMA EMBEDDED IN THE LIVER MIMICKING HEPATOCELLULAR CARCINOMA WITH FATTY DEGENERATION. The Journal of the Japanese Practical Surgeon Society, 1989, 50, 2671-2675.	0.0	0
220	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