Zhijian J Chen

List of Publications by Year in Descending Order

173 papers	45,551 citations	95 h-index	190 g-index
190 ext. papers	53,537 ext. citations	21.5 avg, IF	7.98 L-index

#	Paper	IF	Citations
173	TBK1 recruitment to STING mediates autoinflammatory arthritis caused by defective DNA clearance.. *Journal of Experimental Medicine*, **2022**, 219,	16.6	1
172	TBK1 recruitment to STING activates both IRF3 and NF-B that mediate immune defense against tumors and viral infections. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	40
171	Phosphorylation and chromatin tethering prevent cGAS activation during mitosis. *Science*, **2021**, 371,	33.3	45
170	cGAS restricts colon cancer development by protecting intestinal barrier integrity. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
169	MLH1 Deficiency-Triggered DNA Hyperexcision by Exonuclease 1 Activates the cGAS-STING Pathway. *Cancer Cell*, **2021**, 39, 109-121.e5	24.3	42
168	Nsp1 protein of SARS-CoV-2 disrupts the mRNA export machinery to inhibit host gene expression. *Science Advances*, **2021**, 7,	14.3	56
167	Cooperative DNA binding mediated by KicGAS/ORF52 oligomerization allows inhibition of DNA-induced phase separation and activation of cGAS. *Nucleic Acids Research*, **2021**, 49, 9389-9403	20.1	3
166	Type I Interferon Response in Radiation-Induced Anti-Tumor Immunity. *Seminars in Radiation Oncology*, **2020**, 30, 129-138	5.5	7
165	Old dogs, new trick: classic cancer therapies activate cGAS. *Cell Research*, **2020**, 30, 639-648	24.7	37
164	Discovery of Small-Molecule Cyclic GMP-AMP Synthase Inhibitors. *Journal of Organic Chemistry*, **2020**, 85, 1579-1600	4.2	13
163	cGAS suppresses genomic instability as a decelerator of replication forks. *Science Advances*, **2020**, 6,	14.3	28
162	STEEP mediates STING ER exit and activation of signaling. *Nature Immunology*, **2020**, 21, 868-879	19.1	30
161	Structures and Mechanisms in the cGAS-STING Innate Immunity Pathway. *Immunity*, **2020**, 53, 43-53	32.3	77
160	P857 ONM-500 a novel STING-activating therapeutic nanovaccine platform for cancer immunotherapy **2020**, 8, A7-A8		
159	Roles of the cGAS-STING Pathway in Cancer Immunosurveillance and Immunotherapy. *Annual Review of Cancer Biology*, **2019**, 3, 323-344	13.3	38
158	Cryo-EM structures of STING reveal its mechanism of activation by cyclic GMP-AMP. *Nature*, **2019**, 567, 389-393	50.4	192
157	Structural basis of STING binding with and phosphorylation by TBK1. *Nature*, **2019**, 567, 394-398	50.4	238

156	Autophagy induction via STING trafficking is a primordial function of the cGAS pathway. *Nature*, **2019**, 567, 262-266	50.4	330
155	cGAS in action: Expanding roles in immunity and inflammation. *Science*, **2019**, 363,	33.3	286
154	The cGAS-cGAMP-STING pathway connects DNA damage to inflammation, senescence, and cancer. *Journal of Experimental Medicine*, **2018**, 215, 1287-1299	16.6	454
153	A GTPase-activating protein-binding protein (G3BP1)/antiviral protein relay conveys arteriosclerotic Wnt signals in aortic smooth muscle cells. *Journal of Biological Chemistry*, **2018**, 293, 7942-7968	5.4	16
152	Cytosolic DNA Sensing Promotes Macrophage Transformation and Governs Myocardial Ischemic Injury. *Circulation*, **2018**, 137, 2613-2634	16.7	77
151	BHLHE40, a third transcription factor required for insulin induction of SREBP-1c mRNA in rodent liver. *ELife*, **2018**, 7,	8.9	7
150	PtdIns4P on dispersed trans-Golgi network mediates NLRP3 inflammasome activation. *Nature*, **2018**, 564, 71-76	50.4	234
149	Structural-functional interactions of NS1-BP protein with the splicing and mRNA export machineries for viral and host gene expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E12218-E12227	11.5	11
148	Consensus report of the 8 and 9th Weinman Symposia on Gene x Environment Interaction in carcinogenesis: novel opportunities for precision medicine. *Cell Death and Differentiation*, **2018**, 25, 1885-1904	12.7	17
147	Detection of Microbial Infections Through Innate Immune Sensing of Nucleic Acids. *Annual Review of Microbiology*, **2018**, 72, 447-478	17.5	192
146	DNA-induced liquid phase condensation of cGAS activates innate immune signaling. *Science*, **2018**, 361, 704-709	33.3	307
145	An Argonaute phosphorylation cycle promotes microRNA-mediated silencing. *Nature*, **2017**, 542, 197-202	50.4	140
144	cGAS is essential for the antitumor effect of immune checkpoint blockade. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 1637-1642	11.5	249
143	TLR sensing of bacterial spore-associated RNA triggers host immune responses with detrimental effects. *Journal of Experimental Medicine*, **2017**, 214, 1297-1311	16.6	15
142	A STING-activating nanovaccine for cancer immunotherapy. *Nature Nanotechnology*, **2017**, 12, 648-654	28.7	441
141	cGAS is essential for cellular senescence. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E4612-E4620	11.5	422
140	Synthetic nanovaccines for immunotherapy. *Journal of Controlled Release*, **2017**, 263, 200-210	11.7	65
139	Innate Immune Activation by cGMP-AMP Nanoparticles Leads to Potent and Long-Acting Antiretroviral Response against HIV-1. *Journal of Immunology*, **2017**, 199, 3840-3848	5.3	29

138	STING Senses Microbial Viability to Orchestrate Stress-Mediated Autophagy of the Endoplasmic Reticulum. *Cell*, **2017**, 171, 809-823.e13	56.2	159
137	Influenza virus differentially activates mTORC1 and mTORC2 signaling to maximize late stage replication. *PLoS Pathogens*, **2017**, 13, e1006635	7.6	47
136	Dendritic Cells but Not Macrophages Sense Tumor Mitochondrial DNA for Cross-priming through Signal Regulatory Protein αSignaling. *Immunity*, **2017**, 47, 363-373.e5	32.3	126
135	Neddylation E2 UBE2F Promotes the Survival of Lung Cancer Cells by Activating CRL5 to Degrade NOXA via the K11 Linkage. *Clinical Cancer Research*, **2017**, 23, 1104-1116	12.9	60
134	Prion-Like Polymerization in Immunity and Inflammation. *Cold Spring Harbor Perspectives in Biology*, **2017**, 9,	10.2	33
133	Regulation and function of the cGAS-STING pathway of cytosolic DNA sensing. *Nature Immunology*, **2016**, 17, 1142-9	19.1	834
132	HSV-1 ICP27 targets the TBK1-activated STING signalsome to inhibit virus-induced type I IFNβexpression. *EMBO Journal*, **2016**, 35, 1385-99	13	128
131	K63-Ubiquitylation and TRAF6 Pathways Regulate Mammalian P-Body Formation and mRNA Decapping. *Molecular Cell*, **2016**, 62, 943-957	17.6	18
130	Streptococci Engage TLR13 on Myeloid Cells in a Site-Specific Fashion. *Journal of Immunology*, **2016**, 196, 2733-41	5.3	18
129	Molecular basis for the specific recognition of the metazoan cyclic GMP-AMP by the innate immune adaptor protein STING. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 8947-52	11.5	45
128	Activation of cyclic GMP-AMP synthase by self-DNA causes autoimmune diseases. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E5699-705	11.5	352
127	Innate immune response to Streptococcus pyogenes depends on the combined activation of TLR13 and TLR2. *PLoS ONE*, **2015**, 10, e0119727	3.7	27
126	Cyclic GMP-AMP Synthase Is an Innate Immune DNA Sensor for Mycobacterium tuberculosis. *Cell Host and Microbe*, **2015**, 17, 820-8	23.4	259
125	Phosphorylation of innate immune adaptor proteins MAVS, STING, and TRIF induces IRF3 activation. *Science*, **2015**, 347, aaa2630	33.3	805
124	Prion-like polymerization underlies signal transduction in antiviral immune defense and inflammasome activation. *Cell*, **2014**, 156, 1207-1222	56.2	383
123	Structural basis for ubiquitin-mediated antiviral signal activation by RIG-I. *Nature*, **2014**, 509, 110-4	50.4	232
122	The cGAS-cGAMP-STING pathway of cytosolic DNA sensing and signaling. *Molecular Cell*, **2014**, 54, 289-96	17.6	548
121	K33-Linked Polyubiquitination of Coronin 7 by Cul3-KLHL20 Ubiquitin E3 Ligase Regulates Protein Trafficking. *Molecular Cell*, **2014**, 54, 586-600	17.6	95

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120	Innate immune sensing and signaling of cytosolic nucleic acids. *Annual Review of Immunology*, **2014**, 32, 461-88	34.7	725
119	A novel mitochondrial MAVS/Caspase-8 platform links RNA virus-induced innate antiviral signaling to Bax/Bak-independent apoptosis. *Journal of Immunology*, **2014**, 192, 1171-83	5.3	52
118	The cytosolic DNA sensor cGAS forms an oligomeric complex with DNA and undergoes switch-like conformational changes in the activation loop. *Cell Reports*, **2014**, 6, 421-30	10.6	238
117	A catalytic-independent role for the LUBAC in NF-B activation upon antigen receptor engagement and in lymphoma cells. *Blood*, **2014**, 123, 2199-203	2.2	78
116	Modified vaccinia virus Ankara triggers type I IFN production in murine conventional dendritic cells via a cGAS/STING-mediated cytosolic DNA-sensing pathway. *PLoS Pathogens*, **2014**, 10, e1003989	7.6	99
115	Apoptotic caspases prevent the induction of type I interferons by mitochondrial DNA. *Cell*, **2014**, 159, 1563-77	56.2	434
114	MAVS, cGAS, and endogenous retroviruses in T-independent B cell responses. *Science*, **2014**, 346, 1486-92	33.3	87
113	STING-Dependent Cytosolic DNA Sensing Promotes Radiation-Induced Type I Interferon-Dependent Antitumor Immunity in Immunogenic Tumors. *Immunity*, **2014**, 41, 843-52	32.3	985
112	Prion-like polymerization as a signaling mechanism. *Trends in Immunology*, **2014**, 35, 622-630	14.4	23
111	IKK□is an IRF5 kinase that instigates inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 17438-43	11.5	71
110	Pivotal role for the ubiquitin Y59-E51 loop in lysine 48 polyubiquitination. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 8434-9	11.5	15
109	Structural basis for the prion-like MAVS filaments in antiviral innate immunity. *ELife*, **2014**, 3, e01489	8.9	117
108	Pivotal roles of cGAS-cGAMP signaling in antiviral defense and immune adjuvant effects. *Science*, **2013**, 341, 1390-4	33.3	664
107	Cyclic GMP-AMP synthase is an innate immune sensor of HIV and other retroviruses. *Science*, **2013**, 341, 903-6	33.3	656
106	Regulation of NF-B by ubiquitination. *Current Opinion in Immunology*, **2013**, 25, 4-12	7.8	174
105	Cyclic GMP-AMP synthase is a cytosolic DNA sensor that activates the type I interferon pathway. *Science*, **2013**, 339, 786-91	33.3	2259
104	Cyclic GMP-AMP is an endogenous second messenger in innate immune signaling by cytosolic DNA. *Science*, **2013**, 339, 826-30	33.3	1207
103	IKK□mediated tumorigenesis requires K63-linked polyubiquitination by a cIAP1/cIAP2/TRAF2 E3 ubiquitin ligase complex. *Cell Reports*, **2013**, 3, 724-33	10.6	40

102	Competing E3 ubiquitin ligases govern circadian periodicity by degradation of CRY in nucleus and cytoplasm. *Cell*, **2013**, 152, 1091-105	56.2	224
101	Cyclic GMP-AMP containing mixed phosphodiester linkages is an endogenous high-affinity ligand for STING. *Molecular Cell*, **2013**, 51, 226-35	17.6	576
100	Regulation of WASH-dependent actin polymerization and protein trafficking by ubiquitination. *Cell*, **2013**, 152, 1051-64	56.2	155
99	RNA helicase signaling is critical for type i interferon production and protection against Rift Valley fever virus during mucosal challenge. *Journal of Virology*, **2013**, 87, 4846-60	6.6	17
98	Both K63 and K48 ubiquitin linkages signal lysosomal degradation of the LDL receptor. *Journal of Lipid Research*, **2013**, 54, 1410-20	6.3	35
97	MAVS recruits multiple ubiquitin E3 ligases to activate antiviral signaling cascades. *ELife*, **2013**, 2, e00785	8.9	227
96	Ubiquitination in signaling to and activation of IKK. *Immunological Reviews*, **2012**, 246, 95-106	11.3	282
95	Ubiquitin-induced oligomerization of the RNA sensors RIG-I and MDA5 activates antiviral innate immune response. *Immunity*, **2012**, 36, 959-73	32.3	284
94	Cyclic di-GMP sensing via the innate immune signaling protein STING. *Molecular Cell*, **2012**, 46, 735-45	17.6	180
93	Intrinsic antiviral immunity. *Nature Immunology*, **2012**, 13, 214-22	19.1	346
92	Human metapneumovirus M2-2 protein inhibits innate cellular signaling by targeting MAVS. *Journal of Virology*, **2012**, 86, 13049-61	6.6	34
91	A20 ubiquitin ligase-mediated polyubiquitination of RIP1 inhibits caspase-8 cleavage and TRAIL-induced apoptosis in glioblastoma. *Cancer Discovery*, **2012**, 2, 140-55	24.4	90
90	Differential roles for RIG-I-like receptors and nucleic acid-sensing TLR pathways in controlling a chronic viral infection. *Journal of Immunology*, **2012**, 188, 4432-40	5.3	23
89	STING specifies IRF3 phosphorylation by TBK1 in the cytosolic DNA signaling pathway. *Science Signaling*, **2012**, 5, ra20	8.8	636
88	Sequence specific detection of bacterial 23S ribosomal RNA by TLR13. *ELife*, **2012**, 1, e00102	8.9	93
87	Getting to grips with hepatitis. *ELife*, **2012**, 1, e00301	8.9	7
86	The role of ubiquitylation in immune defence and pathogen evasion. *Nature Reviews Immunology*, **2011**, 12, 35-48	36.5	221
85	Blood vessel tubulogenesis requires Rasip1 regulation of GTPase signaling. *Developmental Cell*, **2011**, 20, 526-39	10.2	122

84	Direct, noncatalytic mechanism of IKK inhibition by A20. *Molecular Cell*, **2011**, 44, 559-71	17.6	195
83	Cc2d1a, a C2 domain containing protein linked to nonsyndromic mental retardation, controls functional maturation of central synapses. *Journal of Neurophysiology*, **2011**, 105, 1506-15	3.2	22
82	Expanding role of ubiquitination in NF-B signaling. *Cell Research*, **2011**, 21, 6-21	24.7	184
81	MAVS forms functional prion-like aggregates to activate and propagate antiviral innate immune response. *Cell*, **2011**, 146, 448-61	56.2	812
80	NLRX1 negatively regulates TLR-induced NF-B signaling by targeting TRAF6 and IKK. *Immunity*, **2011**, 34, 843-53	32.3	206
79	Viperin links lipid bodies to immune defense. *Immunity*, **2011**, 34, 285-7	32.3	20
78	Persistent stimulation with interleukin-17 desensitizes cells through SCF□TrCP-mediated degradation of Act1. *Science Signaling*, **2011**, 4, ra73	8.8	40
77	Mitochondrial antiviral signaling protein (MAVS) monitors commensal bacteria and induces an immune response that prevents experimental colitis. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 17390-5	11.5	67
76	HSV infection induces production of ROS, which potentiate signaling from pattern recognition receptors: role for S-glutathionylation of TRAF3 and 6. *PLoS Pathogens*, **2011**, 7, e1002250	7.6	92
75	Structural insights into the activation of RIG-I, a nanosensor for viral RNAs. *EMBO Reports*, **2011**, 13, 7-8	6.5	21
74	CC2D1A, a DM14 and C2 domain protein, activates NF-kappaB through the canonical pathway. *Journal of Biological Chemistry*, **2010**, 285, 24372-80	5.4	26
73	Murine gamma-herpesvirus 68 hijacks MAVS and IKKbeta to initiate lytic replication. *PLoS Pathogens*, **2010**, 6, e1001001	7.6	48
72	ATM- and NEMO-dependent ELKS ubiquitination coordinates TAK1-mediated IKK activation in response to genotoxic stress. *Molecular Cell*, **2010**, 40, 75-86	17.6	163
71	SnapShot: pathways of antiviral innate immunity. *Cell*, **2010**, 140, 436-436.e2	56.2	54
70	Reconstitution of the RIG-I pathway reveals a signaling role of unanchored polyubiquitin chains in innate immunity. *Cell*, **2010**, 141, 315-30	56.2	447
69	NLRC5 negatively regulates the NF-kappaB and type I interferon signaling pathways. *Cell*, **2010**, 141, 483-96	56.2	312
68	Peroxisomes are signaling platforms for antiviral innate immunity. *Cell*, **2010**, 141, 668-81	56.2	577
67	Emerging role of ISG15 in antiviral immunity. *Cell*, **2010**, 143, 187-90	56.2	167

66	Endocytic pathway is required for Drosophila Toll innate immune signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 8322-7	11.5	62
65	Ubiquitin-Mediated Regulation of Protein Kinases in NFB Signaling **2010**, 633-644		
64	MAVS-mediated apoptosis and its inhibition by viral proteins. *PLoS ONE*, **2009**, 4, e5466	3.7	145
63	Herpes simplex virus infection is sensed by both Toll-like receptors and retinoic acid-inducible gene- like receptors, which synergize to induce type I interferon production. *Journal of General Virology*, **2009**, 90, 74-8	4.9	97
62	Act1, a U-box E3 ubiquitin ligase for IL-17 signaling. *Science Signaling*, **2009**, 2, ra63	8.8	157
61	Ubiquitylation in innate and adaptive immunity. *Nature*, **2009**, 458, 430-7	50.4	470
60	Direct activation of protein kinases by unanchored polyubiquitin chains. *Nature*, **2009**, 461, 114-9	50.4	412
59	The role of ubiquitin in NF-kappaB regulatory pathways. *Annual Review of Biochemistry*, **2009**, 78, 769-96	29.1	402
58	Ubiquitin in NF-kappaB signaling. *Chemical Reviews*, **2009**, 109, 1549-60	68.1	49
57	Diversity of polyubiquitin chains. *Developmental Cell*, **2009**, 16, 485-6	10.2	54
56	RNA polymerase III detects cytosolic DNA and induces type I interferons through the RIG-I pathway. *Cell*, **2009**, 138, 576-91	56.2	871
55	Nonproteolytic functions of ubiquitin in cell signaling. *Molecular Cell*, **2009**, 33, 275-86	17.6	665
54	Key role of Ubc5 and lysine-63 polyubiquitination in viral activation of IRF3. *Molecular Cell*, **2009**, 36, 315-25	17.6	133
53	A ubiquitin replacement strategy in human cells reveals distinct mechanisms of IKK activation by TNFalpha and IL-1beta. *Molecular Cell*, **2009**, 36, 302-14	17.6	204
52	A host type I interferon response is induced by cytosolic sensing of the bacterial second messenger cyclic-di-GMP. *Journal of Experimental Medicine*, **2009**, 206, 1899-911	16.6	222
51	A critical role of TAK1 in B-cell receptor-mediated nuclear factor kappaB activation. *Blood*, **2009**, 113, 4566-74	2.2	62
50	NLRX1 is a regulator of mitochondrial antiviral immunity. *Nature*, **2008**, 451, 573-7	50.4	432
49	T cell antigen receptor stimulation induces MALT1 paracaspase-mediated cleavage of the NF-kappaB inhibitor A20. *Nature Immunology*, **2008**, 9, 263-71	19.1	339

48	MITAgating viral infection. *Immunity*, **2008**, 29, 513-5	32.3	14
47	Linking retroelements to autoimmunity. *Cell*, **2008**, 134, 569-71	56.2	22
46	Pellino 3b negatively regulates interleukin-1-induced TAK1-dependent NF kappaB activation. *Journal of Biological Chemistry*, **2008**, 283, 14654-64	5.4	38
45	MAVS and MyD88 are essential for innate immunity but not cytotoxic T lymphocyte response against respiratory syncytial virus. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 14046-51	11.5	113
44	Vaccinia virus subverts a mitochondrial antiviral signaling protein-dependent innate immune response in keratinocytes through its double-stranded RNA binding protein, E3. *Journal of Virology*, **2008**, 82, 10735-46	6.6	35
43	Cigarette smoke selectively enhances viral PAMP- and virus-induced pulmonary innate immune and remodeling responses in mice. *Journal of Clinical Investigation*, **2008**, 118, 2771-84	15.9	174
42	Ubiquitin-mediated activation of TAK1 and IKK. *Oncogene*, **2007**, 26, 3214-26	9.2	337
41	TRIM25 RING-finger E3 ubiquitin ligase is essential for RIG-I-mediated antiviral activity. *Nature*, **2007**, 446, 916-920	50.4	1135
40	Type I interferon production during herpes simplex virus infection is controlled by cell-type-specific viral recognition through Toll-like receptor 9, the mitochondrial antiviral signaling protein pathway, and novel recognition systems. *Journal of Virology*, **2007**, 81, 13315-24	6.6	129
39	E1-L2 activates both ubiquitin and FAT10. *Molecular Cell*, **2007**, 27, 1014-23	17.6	142
38	Ubiquitination and TRAF signaling. *Advances in Experimental Medicine and Biology*, **2007**, 597, 80-92	3.6	46
37	Essential role of TAK1 in thymocyte development and activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 11677-82	11.5	130
36	Sorting out Toll signals. *Cell*, **2006**, 125, 834-6	56.2	76
35	Activation of IKK by TNFalpha requires site-specific ubiquitination of RIP1 and polyubiquitin binding by NEMO. *Molecular Cell*, **2006**, 22, 245-57	17.6	799
34	Cecile M. Pickart (1954-2006). *Molecular Cell*, **2006**, 22, 571-3	17.6	
33	The specific and essential role of MAVS in antiviral innate immune responses. *Immunity*, **2006**, 24, 633-42	32.3	489
32	Antiviral innate immunity pathways. *Cell Research*, **2006**, 16, 141-7	24.7	340
31	TRAF2: a double-edged sword?. *Science Signaling*, **2005**, 2005, pe7	8.8	55

30	Hepatitis C virus protease NS3/4A cleaves mitochondrial antiviral signaling protein off the mitochondria to evade innate immunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 17717-22	11.5	649
29	Protein ubiquitination: CHIPping away the symmetry. *Molecular Cell*, **2005**, 20, 653-5	17.6	10
28	Identification and characterization of MAVS, a mitochondrial antiviral signaling protein that activates NF-kappaB and IRF 3. *Cell*, **2005**, 122, 669-82	56.2	2362
27	Ubiquitin signalling in the NF-kappaB pathway. *Nature Cell Biology*, **2005**, 7, 758-65	23.4	979
26	The role of ubiquitination in Drosophila innate immunity. *Journal of Biological Chemistry*, **2005**, 280, 34048-55	5.4	100
25	Cell biology. Kinasing and clipping down the NF-kappa B trail. *Science*, **2005**, 308, 65-6	33.3	28
24	Ubiquitin-dependent activation of NF-kappaB: K63-linked ubiquitin chains: a link to cancer?. *Cancer Biology and Therapy*, **2004**, 3, 286-8	4.6	11
23	Elucidation of the c-Jun N-terminal kinase pathway mediated by Estein-Barr virus-encoded latent membrane protein 1. *Molecular and Cellular Biology*, **2004**, 24, 192-9	4.8	65
22	TIFA activates IkappaB kinase (IKK) by promoting oligomerization and ubiquitination of TRAF6. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 15318-23	11.5	102
21	The novel functions of ubiquitination in signaling. *Current Opinion in Cell Biology*, **2004**, 16, 119-26	9	359
20	TAB2 and TAB3 activate the NF-kappaB pathway through binding to polyubiquitin chains. *Molecular Cell*, **2004**, 15, 535-48	17.6	681
19	The TRAF6 ubiquitin ligase and TAK1 kinase mediate IKK activation by BCL10 and MALT1 in T lymphocytes. *Molecular Cell*, **2004**, 14, 289-301	17.6	570
18	Nuclear factor-kappaB protects the adult cardiac myocyte against ischemia-induced apoptosis in a murine model of acute myocardial infarction. *Circulation*, **2003**, 108, 3075-8	16.7	112
17	Vps9p CUE domain ubiquitin binding is required for efficient endocytic protein traffic. *Journal of Biological Chemistry*, **2003**, 278, 19826-33	5.4	57
16	Activation of the interferon-beta promoter during hepatitis C virus RNA replication. *Viral Immunology*, **2002**, 15, 29-40	1.7	54
15	Hijacking of host cell IKK signalosomes by the transforming parasite Theileria. *Science*, **2002**, 298, 1033-6	33.3	112
14	The essential role of MEKK3 in TNF-induced NF-kappaB activation. *Nature Immunology*, **2001**, 2, 620-4	19.1	353
13	TAK1 is a ubiquitin-dependent kinase of MKK and IKK. *Nature*, **2001**, 412, 346-51	50.4	1617

12	Activation of Nuclear Factor-B **2001**, 203-227		
11	Activation of the IkappaB kinase complex by TRAF6 requires a dimeric ubiquitin-conjugating enzyme complex and a unique polyubiquitin chain. *Cell*, **2000**, 103, 351-61	56.2	1485
10	Signal-induced ubiquitination of IkappaBalpha by the F-box protein Slimb/beta-TrCP. *Genes and Development*, **1999**, 13, 284-94	12.6	362
9	Role of the UbiquitinProteasome Pathway in NF-B Activation **1998**, 303-322		6
8	Activation of the IkappaB alpha kinase complex by MEKK1, a kinase of the JNK pathway. *Cell*, **1997**, 88, 213-22	56.2	675
7	Site-specific phosphorylation of IkappaBalpha by a novel ubiquitination-dependent protein kinase activity. *Cell*, **1996**, 84, 853-62	56.2	875
6	Kinetic studies of isopeptidase T: modulation of peptidase activity by ubiquitin. *Biochemistry*, **1995**, 34, 12616-23	3.2	62
5	Signal-induced site-specific phosphorylation targets I kappa B alpha to the ubiquitin-proteasome pathway. *Genes and Development*, **1995**, 9, 1586-97	12.6	1072
4	Signal-induced degradation of I kappa B alpha requires site-specific ubiquitination. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 11259-63	11.5	513
3	Structure of a diubiquitin conjugate and a model for interaction with ubiquitin conjugating enzyme (E2). *Journal of Biological Chemistry*, **1992**, 267, 16467-71	5.4	152
2	Vaccinia E5 is a major inhibitor of the DNA sensor cGAS		1
1	Mitochondrial Antiviral Signaling39-50		