Michael Karin

List of Publications by Year
in descending order

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535	219,354	7 217	18 457
papers	citations	h-index	g-index

551	551	551	145632
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immunity, Inflammation, and Cancer. Cell, 2010, 140, 883-899.	13.5	8,516
2	Mammalian MAP kinase signalling cascades. Nature, 2001, 410, 37-40.	13.7	4,686
3	Nuclear Factor-Î²B â€" A Pivotal Transcription Factor in Chronic Inflammatory Diseases. New England Journal of Medicine, 1997, 336, 1066-1071.	13.9	4,447
4	Phosphorylation Meets Ubiquitination: The Control of NF-Î²B Activity. Annual Review of Immunology, 2000, 18, 621-663.	9.5	4,367
5	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
6	Missing Pieces in the NF-Î²B Puzzle. Cell, 2002, 109, S81-S96.	13.5	3,354
7	Nuclear factor-Î²B in cancer development and progression. Nature, 2006, 441, 431-436.	13.7	3,219
8	JNK1: A protein kinase stimulated by UV light and Ha-Ras that binds and phosphorylates the c-Jun activation domain. Cell, 1994, 76, 1025-1037.	13.5	3,203
9	Phorbol ester-inducible genes contain a common cis element recognized by a TPA-modulated trans-acting factor. Cell, 1987, 49, 729-739.	13.5	3,173
10	A central role for JNK in obesity and insulin resistance. Nature, 2002, 420, 333-336.	13.7	2,874
11	The two NF-Î²B activation pathways and their role in innate and adaptive immunity. Trends in Immunology, 2004, 25, 280-288.	2.9	2,823
12	NF-Î²B: linking inflammation and immunity to cancer development and progression. Nature Reviews Immunology, 2005, 5, 749-759.	10.6	2,745
13	NF-Î²B at the crossroads of life and death. Nature Immunology, 2002, 3, 221-227.	7.0	2,611
14	AP-1 function and regulation. Current Opinion in Cell Biology, 1997, 9, 240-246.	2.6	2,516
15	AP-1 as a regulator of cell life and death. Nature Cell Biology, 2002, 4, E131-E136.	4.6	2,448
16	NF-Î²B in cancer: from innocent bystander to major culprit. Nature Reviews Cancer, 2002, 2, 301-310.	12.8	2,341
17	IKKÎ² Links Inflammation and Tumorigenesis in a Mouse Model of Colitis-Associated Cancer. Cell, 2004, 118, 285-296.	13.5	2,277
18	Regulation and Function of NF-Î²B Transcription Factors in the Immune System. Annual Review of Immunology, 2009, 27, 693-733.	9.5	2,245

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19	The Regulation of AP-1 Activity by Mitogen-activated Protein Kinases. Journal of Biological Chemistry, 1995, 270, 16483-16486.	1.6	2,223
20	A cytokine-responsive IÎºB kinase that activates the transcription factor NF-ÎºB. Nature, 1997, 388, 548-554.	13.7	2,056
21	Dissection of TNF Receptor 1 Effector Functions: JNK Activation Is Not Linked to Apoptosis While NF-ÎºB Activation Prevents Cell Death. Cell, 1996, 87, 565-576.	13.5	1,911
22	IL-6 and Stat3 Are Required for Survival of Intestinal Epithelial Cells andÂDevelopment of Colitis-Associated Cancer. Cancer Cell, 2009, 15, 103-113.	7.7	1,851
23	NF-ÎºB, inflammation, immunity and cancer: coming of age. Nature Reviews Immunology, 2018, 18, 309-324.	10.6	1,796
24	Reversal of Obesity- and Diet-Induced Insulin Resistance with Salicylates or Targeted Disruption of Ikkbeta. Science, 2001, 293, 1673-1677.	6.0	1,742
25	The IÎºB Kinase Complex (IKK) Contains Two Kinase Subunits, IKKÎ± and IKKÎ², Necessary for IÎºB Phosphorylation and NF-ÎºB Activation. Cell, 1997, 91, 243-252.	13.5	1,723
26	Gender Disparity in Liver Cancer Due to Sex Differences in MyD88-Dependent IL-6 Production. Science, 2007, 317, 121-124.	6.0	1,665
27	Reactive Oxygen Species Promote TNFÎ±-Induced Death and Sustained JNK Activation by Inhibiting MAP Kinase Phosphatases. Cell, 2005, 120, 649-661.	13.5	1,662
28	Inflammation and Colon Cancer. Gastroenterology, 2010, 138, 2101-2114.e5.	0.6	1,638
29	A cytokine-mediated link between innate immunity, inflammation, and cancer. Journal of Clinical Investigation, 2007, 117, 1175-1183.	3.9	1,629
30	Transcriptional interference between c-Jun and the glucocorticoid receptor: Mutual inhibition of DNA binding due to direct protein-protein interaction. Cell, 1990, 62, 1205-1215.	13.5	1,618
31	IKK-Î² links inflammation to obesity-induced insulin resistance. Nature Medicine, 2005, 11, 191-198.	15.2	1,591
32	The role of Jun, Fos and the AP-1 complex in cell-proliferation and transformation. Biochimica Et Biophysica Acta: Reviews on Cancer, 1991, 1072, 129-157.	3.3	1,548
33	A Method for Isolation of Intact, Translationally Active Ribonucleic Acid. DNA and Cell Biology, 1983, 2, 329-335.	5.1	1,547
34	Selective activation of the JNK signaling cascadeand c-Jun transcriptional activity by the small GTPases Rac and Cdc42Hs. Cell, 1995, 81, 1147-1157.	13.5	1,515
35	Dietary and Genetic Obesity Promote Liver Inflammation and Tumorigenesis by Enhancing IL-6 and TNF Expression. Cell, 2010, 140, 197-208.	13.5	1,490
36	AP-1 in cell proliferation and survival. Oncogene, 2001, 20, 2390-2400.	2.6	1,485

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37	Signal transduction by tumor necrosis factor and its relatives. Trends in Cell Biology, 2001, 11, 372-377.	3.6	1,475
38	The regulation of transcription by phosphorylation. Cell, 1992, 70, 375-387.	13.5	1,402
39	The c-fos protein interacts with c-JunAP-1 to stimulate transcription of AP-1 responsive genes. Cell, 1988, 54, 541-552.	13.5	1,369
40	NF-Î¹B links innate immunity to the hypoxic response through transcriptional regulation of HIF-1Î±. Nature, 2008, 453, 807-811.	13.7	1,333
41	NFâ€Î¹B and the link between inflammation and cancer. Immunological Reviews, 2012, 246, 379-400.	2.8	1,287
42	Anti-inflammatory cyclopentenone prostaglandins are direct inhibitors of IÎ¹B kinase. Nature, 2000, 403, 103-108.	13.7	1,283
43	Activation by IKKalpha of a Second, Evolutionary Conserved, NF-kappa B Signaling Pathway. Science, 2001, 293, 1495-1499.	6.0	1,278
44	The IKK NF-Î¹B system: a treasure trove for drug development. Nature Reviews Drug Discovery, 2004, 3, 17-26.	21.5	1,263
45	The jun proto-oncogene is positively autoregulated by its product, Jun/AP-1. Cell, 1988, 55, 875-885.	13.5	1,258
46	Inflammation meets cancer, with NF-Î¹B as the matchmaker. Nature Immunology, 2011, 12, 715-723.	7.0	1,256
47	Hypothalamic IKKÎ²/NF-Î¹B and ER Stress Link Overnutrition to Energy Imbalance and Obesity. Cell, 2008, 135, 61-73.	13.5	1,188
48	p53 Target Genes Sestrin1 and Sestrin2 Connect Genotoxic Stress and mTOR Signaling. Cell, 2008, 134, 451-460.	13.5	1,166
49	IKKÎ² Couples Hepatocyte Death to Cytokine-Driven Compensatory Proliferation that Promotes Chemical Hepatocarcinogenesis. Cell, 2005, 121, 977-990.	13.5	1,098
50	Activation of protein kinase C decreases phosphorylation of c-Jun at sites that negatively regulate its DNA-binding activity. Cell, 1991, 64, 573-584.	13.5	1,095
51	Adenoma-linked barrier defects and microbial products drive IL-23/IL-17-mediated tumour growth. Nature, 2012, 491, 254-258.	13.7	1,088
52	How NF-Î¹B is activated: the role of the IÎ¹B kinase (IKK) complex. Oncogene, 1999, 18, 6867-6874.	2.6	1,078
53	Intracellular pattern recognition receptors in the host response. Nature, 2006, 442, 39-44.	13.7	1,051
54	Regulation and Function of IKK and IKK-Related Kinases. Science's STKE: Signal Transduction Knowledge Environment, 2006, 2006, re13-re13.	4.1	1,026

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55	Carcinoma-produced factors activate myeloid cells through TLR2 to stimulate metastasis. Nature, 2009, 457, 102-106.	13.7	1,008
56	Characterization of DNA sequences through which cadmium and glucocorticoid hormones induce human metallothionein-IIA gene. Nature, 1984, 308, 513-519.	13.7	1,003
57	Oncogene jun encodes a sequence-specific trans- activator similar to AP-1. Nature, 1988, 332, 166-171.	13.7	982
58	NF-Î¹B and STAT3 â€“ key players in liver inflammation and cancer. Cell Research, 2011, 21, 159-168.	5.7	975
59	Dangerous liaisons: STAT3 and NF-Î¹B collaboration and crosstalk in cancer. Cytokine and Growth Factor Reviews, 2010, 21, 11-19.	3.2	952
60	IKK-Î³ is an essential regulatory subunit of the IÎ¹B kinase complex. Nature, 1998, 395, 297-300.	13.7	915
61	Is NF-Î¹B a good target for cancer therapy? Hopes and pitfalls. Nature Reviews Drug Discovery, 2009, 8, 33-40.	21.5	913
62	JNK is involved in signal integration during costimulation of T lymphocytes. Cell, 1994, 77, 727-736.	13.5	908
63	The IKKÎ² Subunit of IÎ¹B Kinase (IKK) is Essential for Nuclear Factor Î¹B Activation and Prevention of Apoptosis. Journal of Experimental Medicine, 1999, 189, 1839-1845.	4.2	908
64	The gutâ€“liver axis and the intersection with the microbiome. Nature Reviews Gastroenterology and Hepatology, 2018, 15, 397-411.	8.2	905
65	The mammalian ultraviolet response is triggered by activation of src tyrosine kinases. Cell, 1992, 71, 1081-1091.	13.5	893
66	PI3KÎ³ is a molecular switch that controls immune suppression. Nature, 2016, 539, 437-442.	13.7	884
67	The IÎ¹B kinase (IKK) and NF-Î¹B: key elements of proinflammatory signalling. Seminars in Immunology, 2000, 12, 85-98.	2.7	877
68	p53-Dependent apoptosis in the absence of transcriptional activation of p53-target genes. Nature, 1994, 370, 220-223.	13.7	868
69	NF-Î¹B Restricts Inflammasome Activation via Elimination of Damaged Mitochondria. Cell, 2016, 164, 896-910.	13.5	859
70	The Lymphotoxin-Î² Receptor Induces Different Patterns of Gene Expression via Two NF-Î¹B Pathways. Immunity, 2002, 17, 525-535.	6.6	842
71	Specificity in Toll-like receptor signalling through distinct effector functions of TRAF3 and TRAF6. Nature, 2006, 439, 204-207.	13.7	836
72	Innate Immunity Gone Awry: Linking Microbial Infections to Chronic Inflammation and Cancer. Cell, 2006, 124, 823-835.	13.5	835

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73	Positive and Negative Regulation of IB Kinase Activity Through IKK Subunit Phosphorylation. Science, 1999, 284, 309-313.	6.0	823
74	AU Binding Proteins Recruit the Exosome to Degrade ARE-Containing mRNAs. Cell, 2001, 107, 451-464.	13.5	803
75	Activation of transcription by two factors that bind promoter and enhancer sequences of the human metallothionein gene and SV40. Nature, 1987, 325, 368-372.	13.7	802
76	Oncogenic and transcriptional cooperation with Ha-Ras requires phosphorylation of c-Jun on serines 63 and 73. Nature, 1991, 354, 494-496.	13.7	801
77	Abnormal Morphogenesis But Intact IKK Activation in Mice Lacking the IKK Subunit of IB Kinase. Science, 1999, 284, 316-320.	6.0	799
78	The pituitary-specific transcription factor GHF-1 is a homeobox-containing protein. Cell, 1988, 55, 505-518.	13.5	780
79	Is NFâ€ºB the sensor of oxidative stress?. FASEB Journal, 1999, 13, 1137-1143.	0.2	775
80	Inhibition of JNK activation through NF-ºB target genes. Nature, 2001, 414, 313-317.	13.7	737
81	Prolonged activation of jun and collagenase genes by tumour necrosis factor-±. Nature, 1989, 337, 661-663.	13.7	735
82	IKK/NF-ÂB signaling: balancing life and death - a new approach to cancer therapy. Journal of Clinical Investigation, 2005, 115, 2625-2632.	3.9	734
83	Mitogen-activated protein kinase cascades and regulation of gene expression. Current Opinion in Immunology, 1996, 8, 402-411.	2.4	722
84	New mitochondrial DNA synthesis enables NLRP3 inflammasome activation. Nature, 2018, 560, 198-203.	13.7	722
85	Transcriptional control by protein phosphorylation: signal transmission from the cell surface to the nucleus. Current Biology, 1995, 5, 747-757.	1.8	720
86	Nod2 Mutation in Crohn's Disease Potentiates NF-ÂB Activity and IL-1Â Processing. Science, 2005, 307, 734-738.	6.0	717
87	c-Jun N-terminal kinase is required for metalloproteinase expression and joint destruction in inflammatory arthritis. Journal of Clinical Investigation, 2001, 108, 73-81.	3.9	696
88	Jun-B differs in its biological properties from, and is a negative regulator of, c-Jun. Cell, 1989, 59, 979-986.	13.5	692
89	The E3 Ubiquitin Ligase Itch Couples JNK Activation to TNF±-induced Cell Death by Inducing c-FLIPL Turnover. Cell, 2006, 124, 601-613.	13.5	679
90	Multiple ras functions can contribute to mammalian cell transformation. Cell, 1995, 80, 533-541.	13.5	664

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91	NF-ÂB as a Critical Link Between Inflammation and Cancer. Cold Spring Harbor Perspectives in Biology, 2009, 1, a000141-a000141.	2.3	655
92	Ha-Ras augments c-Jun activity and stimulates phosphorylation of its activation domain. Nature, 1991, 351, 122-127.	13.7	652
93	The wolf in sheep's clothing: the role of interleukin-6 in immunity, inflammation and cancer. Trends in Molecular Medicine, 2008, 14, 109-119.	3.5	632
94	Consensus guidelines for the definition, detection and interpretation of immunogenic cell death. , 2020, 8, e000337.		610
95	IKKÎ± limits macrophage NF-Î°B activation and contributes to the resolution of inflammation. Nature, 2005, 434, 1138-1143.	13.7	601
96	Prevention of fat-induced insulin resistance by salicylate. Journal of Clinical Investigation, 2001, 108, 437-446.	3.9	597
97	The Beginning of the End: IÎ°B Kinase (IKK) and NF-Î°B Activation. Journal of Biological Chemistry, 1999, 274, 27339-27342.	1.6	593
98	Inhibition of NF-Î°B in cancer cells converts inflammation- induced tumor growth mediated by TNFÎ± to TRAIL-mediated tumor regression. Cancer Cell, 2004, 6, 297-305.	7.7	583
99	Tumour-infiltrating regulatory T cells stimulate mammary cancer metastasis through RANKLâ€“RANK signalling. Nature, 2011, 470, 548-553.	13.7	583
100	Immunity, inflammation, and cancer: an eternal fight between good and evil. Journal of Clinical Investigation, 2015, 125, 3347-3355.	3.9	572
101	Reparative inflammation takes charge of tissue regeneration. Nature, 2016, 529, 307-315.	13.7	570
102	NF-Î°B and cancerâ€"identifying targets and mechanisms. Current Opinion in Genetics and Development, 2008, 18, 19-26.	1.5	568
103	NF-Î°B Is a Negative Regulator of IL-1Î² Secretion as Revealed by Genetic and Pharmacological Inhibition of IKKÎ². Cell, 2007, 130, 918-931.	13.5	566
104	Nonredundant and complementary functions of TRAF2 and TRAF3 in a ubiquitination cascade that activates NIK-dependent alternative NF-Î°B signaling. Nature Immunology, 2008, 9, 1364-1370.	7.0	552
105	Limiting inflammationâ€"the negative regulation of NF-Î°B and the NLRP3 inflammasome. Nature Immunology, 2017, 18, 861-869.	7.0	546
106	Macrophage Expression of Hypoxia-Inducible Factor-1Î± Suppresses T-Cell Function and Promotes Tumor Progression. Cancer Research, 2010, 70, 7465-7475.	0.4	542
107	B-cell-derived lymphotoxin promotes castration-resistant prostate cancer. Nature, 2010, 464, 302-305.	13.7	534
108	IL-6 and related cytokines as the critical lynchpins between inflammation and cancer. Seminars in Immunology, 2014, 26, 54-74.	2.7	532

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109	Metabolic Activation of Intrahepatic CD8+ T Cells and NKT Cells Causes Nonalcoholic Steatohepatitis and Liver Cancer via Cross-Talk with Hepatocytes. Cancer Cell, 2014, 26, 549-564.	7.7	531
110	A gp130â€“Srcâ€“YAP module links inflammation to epithelial regeneration. Nature, 2015, 519, 57-62.	13.7	528
111	Sestrin as a Feedback Inhibitor of TOR That Prevents Age-Related Pathologies. Science, 2010, 327, 1223-1228.	6.0	512
112	Autophagy, Inflammation, and Immunity: A Troika Governing Cancer and Its Treatment. Cell, 2016, 166, 288-298.	13.5	508
113	The two faces of IKK and NF-Î²B inhibition: prevention of systemic inflammation but increased local injury following intestinal ischemia-reperfusion. Nature Medicine, 2003, 9, 575-581.	15.2	506
114	Human metallothionein genesâ€”primary structure of the metallothionein-II gene and a related processed gene. Nature, 1982, 299, 797-802.	13.7	496
115	Epithelial-cell-intrinsic IKK-Î² expression regulates intestinal immune homeostasis. Nature, 2007, 446, 552-556.	13.7	479
116	c-Jun Can Recruit JNK to Phosphorylate Dimerization Partners via Specific Docking Interactions. Cell, 1996, 87, 929-939.	13.5	473
117	Membrane targeting of the nucleotide exchange factor Sos is sufficient for activating the Ras signaling pathway. Cell, 1994, 78, 949-961.	13.5	469
118	Metallothioneins: Proteins in search of function. Cell, 1985, 41, 9-10.	13.5	468
119	Macrophage Apoptosis by Anthrax Lethal Factor Through p38 MAP Kinase Inhibition. Science, 2002, 297, 2048-2051.	6.0	468
120	Transcriptional attenuation following cAMP induction requires PP-1-mediated dephosphorylation of CREB. Cell, 1992, 70, 105-113.	13.5	462
121	JNK1 in Hematopoietically Derived Cells Contributes to Diet-Induced Inflammation and Insulin Resistance without Affecting Obesity. Cell Metabolism, 2007, 6, 386-397.	7.2	460
122	The HECT Family of E3 Ubiquitin Ligases: Multiple Players in Cancer Development. Cancer Cell, 2008, 14, 10-21.	7.7	460
123	IKKÎ± Provides an Essential Link between RANK Signaling and Cyclin D1 Expression during Mammary Gland Development. Cell, 2001, 107, 763-775.	13.5	459
124	Inflammatory cytokines in cancer: tumour necrosis factor and interleukin 6 take the stage. Annals of the Rheumatic Diseases, 2011, 70, i104-i108.	0.5	455
125	Immunosuppressive plasma cells impede T-cell-dependent immunogenic chemotherapy. Nature, 2015, 521, 94-98.	13.7	451
126	An HNF4Î±-miRNA Inflammatory Feedback Circuit Regulates Hepatocellular Oncogenesis. Cell, 2011, 147, 1233-1247.	13.5	445

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127	Withdrawal of Survival Factors Results in Activation of the JNK Pathway in Neuronal Cells Leading to Fas Ligand Induction and Cell Death. Molecular and Cellular Biology, 1999, 19, 751-763.	1.1	442
128	A new group of conserved coactivators that increase the specificity of AP-1 transcription factors. Nature, 1996, 383, 453-457.	13.7	441
129	Hepatocyte Necrosis Induced by Oxidative Stress and IL-1Î± Release Mediate Carcinogen-Induced Compensatory Proliferation and Liver Tumorigenesis. Cancer Cell, 2008, 14, 156-165.	7.7	441
130	Redundant Pathways for Negative Feedback Regulation of Bile Acid Production. Developmental Cell, 2002, 2, 721-731.	3.1	432
131	Obesity, inflammation, and liver cancer. Journal of Hepatology, 2012, 56, 704-713.	1.8	428
132	p38 and Extracellular Signal-Regulated Kinases Regulate the Myogenic Program at Multiple Steps. Molecular and Cellular Biology, 2000, 20, 3951-3964.	1.1	419
133	A Liver Full of JNK: Signaling in Regulation of Cell Function and Disease Pathogenesis, and Clinical Approaches. Gastroenterology, 2012, 143, 307-320.	0.6	414
134	Direct Phosphorylation of IB by IKK and IKK: Discrimination Between Free and NF-B-Bound Substrate. , 1998, 281, 1360-1363.		413
135	ER Stress Cooperates with Hypernutrition to Trigger TNF-Dependent Spontaneous HCC Development. Cancer Cell, 2014, 26, 331-343.	7.7	412
136	Casein kinase II is a negative regulator of c-Jun DNA binding and AP-1 activity. Cell, 1992, 70, 777-789.	13.5	406
137	Signal transduction from the cell surface to the nucleus through the phosphorylation of transcription factors. Current Opinion in Cell Biology, 1994, 6, 415-424.	2.6	406
138	Nuclear cytokine-activated IKKÎ± controls prostate cancer metastasis by repressing Maspin. Nature, 2007, 446, 690-694.	13.7	406
139	Hepatocyte IKKÎ²/NF-Î°B Inhibits Tumor Promotion and Progression by Preventing Oxidative Stress-Driven STAT3 Activation. Cancer Cell, 2010, 17, 286-297.	7.7	405
140	Female Mice Heterozygous for IKKÎ³/NEMO Deficiencies Develop a Dermatopathy Similar to the Human X-Linked Disorder Incontinentia Pigmenti. Molecular Cell, 2000, 5, 969-979.	4.5	397
141	Inflammation-induced IgA+ cells dismantle anti-liver cancer immunity. Nature, 2017, 551, 340-345.	13.7	396
142	Hybrid Periportal Hepatocytes Regenerate the Injured Liver without Giving Rise to Cancer. Cell, 2015, 162, 766-779.	13.5	394
143	Loss of hepatic NF-ÂB activity enhances chemical hepatocarcinogenesis through sustained c-Jun N-terminal kinase 1 activation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10544-10551.	3.3	393
144	Expanding TRAF function: TRAF3 as a tri-faced immune regulator. Nature Reviews Immunology, 2011, 11, 457-468.	10.6	392

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145	Multiple cis- and trans-acting elements mediate the transcriptional response to phorbol esters. Nature, 1987, 329, 648-651.	13.7	390
146	A KH Domain RNA Binding Protein, KSRP, Promotes ARE-Directed mRNA Turnover by Recruiting the Degradation Machinery. Molecular Cell, 2004, 14, 571-583.	4.5	390
147	DNA methylation markers for diagnosis and prognosis of common cancers. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7414-7419.	3.3	387
148	Identification of Liver Cancer Progenitors Whose Malignant Progression Depends on Autocrine IL-6 Signaling. Cell, 2013, 155, 384-396.	13.5	384
149	Interplay of IKK/NF-ÎºB signaling in macrophages and myofibers promotes muscle degeneration in Duchenne muscular dystrophy. Journal of Clinical Investigation, 2007, 117, 889-901.	3.9	382
150	The IKK/NF-ÎºB activation pathwayâ€"a target for prevention and treatment of cancer. Cancer Letters, 2004, 206, 193-199.	3.2	378
151	From JNK to Pay Dirt: Jun Kinases, their Biochemistry, Physiology and Clinical Importance. IUBMB Life, 2005, 57, 283-295.	1.5	378
152	Tobacco Smoke Promotes Lung Tumorigenesis by Triggering IKKÎ²- and JNK1-Dependent Inflammation. Cancer Cell, 2010, 17, 89-97.	7.7	378
153	Three distinct signalling responses by murine fibroblasts to genotoxic stress. Nature, 1996, 384, 273-276.	13.7	371
154	Inflammation and oncogenesis: a vicious connection. Current Opinion in Genetics and Development, 2010, 20, 65-71.	1.5	370
155	Evidence that reactive oxygen species do not mediate NF-ÂB activation. EMBO Journal, 2003, 22, 3356-3366.	3.5	363
156	JNK2 and IKKÎ² Are Required for Activating the Innate Response to Viral Infection. Immunity, 1999, 11, 721-731.	6.6	362
157	Jun Turnover Is Controlled Through JNK-Dependent Phosphorylation of the E3 Ligase Itch. Science, 2004, 306, 271-275.	6.0	361
158	Distinct Roles for JNK1 and JNK2 in Regulating JNK Activity and c-Jun-Dependent Cell Proliferation. Molecular Cell, 2004, 15, 713-725.	4.5	354
159	NAK is an IÎºB kinase-activating kinase. Nature, 2000, 404, 778-782.	13.7	353
160	p62, Upregulated during Preneoplasia, Induces Hepatocellular Carcinogenesis by Maintaining Survival of Stressed HCC-Initiating Cells. Cancer Cell, 2016, 29, 935-948.	7.7	353
161	c-Fos transcriptional activity stimulated by H-Ras-activated protein kinase distinct from JNK and ERK. Nature, 1994, 371, 171-175.	13.7	349
162	Cell Cycleâ€"Regulated Modification of the Ribosome by a Variant Multiubiquitin Chain. Cell, 2000, 102, 67-76.	13.5	347

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163	Control of transcription factors by signal transduction pathways: the beginning of the end. Trends in Biochemical Sciences, 1992, 17, 418-422.	3.7	346
164	A Lymphotoxin-Driven Pathway to Hepatocellular Carcinoma. Cancer Cell, 2009, 16, 295-308.	7.7	345
165	Transactivation by NF-IL6/LAP is enhanced by phosphorylation of its activation domain. Nature, 1993, 364, 544-547.	13.7	343
166	NF-ÎºB in cancer: a marked target. Seminars in Cancer Biology, 2003, 13, 107-114.	4.3	343
167	Different modes of ubiquitination of the adaptor TRAF3 selectively activate the expression of type I interferons and proinflammatory cytokines. Nature Immunology, 2010, 11, 70-75.	7.0	343
168	Stabilization of Interleukin-2 mRNA by the c-Jun NH2-Terminal Kinase Pathway. Science, 1998, 280, 1945-1949.	6.0	341
169	Requirement for p38Î± in Erythropoietin Expression. Cell, 2000, 102, 221-231.	13.5	340
170	The protein kinase PKR is required for macrophage apoptosis after activation of Toll-like receptor 4. Nature, 2004, 428, 341-345.	13.7	338
171	Autocrine IL-6 Signaling: A Key Event in Tumorigenesis?. Cancer Cell, 2008, 13, 7-9.	7.7	337
172	IKKÎ± controls formation of the epidermis independently of NF-ÎºB. Nature, 2001, 410, 710-714.	13.7	335
173	JNK1 Is Required for Maintenance of Neuronal Microtubules and Controls Phosphorylation of Microtubule-Associated Proteins. Developmental Cell, 2003, 4, 521-533.	3.1	334
174	A NOD2â€“NALP1 complex mediates caspase-1-dependent IL-1Î² secretion in response to Bacillus anthracis infection and muramyl dipeptide. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7803-7808.	3.3	332
175	Signal Transduction Pathways Regulated by Mitogen-activated/Extracellular Response Kinase Kinase Kinase Induce Cell Death. Journal of Biological Chemistry, 1996, 271, 3229-3237.	1.6	330
176	Bridging the Gap: Composition, Regulation, and Physiological Function of the IÎºB Kinase Complex. Molecular and Cellular Biology, 1999, 19, 4547-4551.	1.1	330
177	Defective neural tube morphogenesis and altered apoptosis in the absence of both JNK1 and JNK2. Mechanisms of Development, 1999, 89, 115-124.	1.7	328
178	Structural and functional analysis of the human metallothionein-IA gene: Differential induction by metal ions and glucocorticoids. Cell, 1984, 37, 263-272.	13.5	326
179	Inhibition of NF-ÎºB Activation by Arsenite through Reaction with a Critical Cysteine in the Activation Loop of IÎºB Kinase. Journal of Biological Chemistry, 2000, 275, 36062-36066.	1.6	326
180	New Twists in Gene Regulation by Glucocorticoid Receptor: Is DNA Binding Dispensable?. Cell, 1998, 93, 487-490.	13.5	315

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