Michael Kracht

List of Publications by Year
in descending order

81 papers	7,058 citations	76326 40 h-index	62596 80 g-index
83 all docs	83 docs citations	83 times ranked	11265 citing authors

#	Article	IF	Citations
1	Multiple control of interleukin-8 gene expression. Journal of Leukocyte Biology, 2002, 72, 847-55.	3.3	728
2	Interleukin-1 (IL-1) Pathway. Science Signaling, 2010, 3, cm1.	3.6	589
3	Constitutive and Interleukin-1-inducible Phosphorylation of p65 NF-Î°B at Serine 536 Is Mediated by Multiple Protein Kinases Including IÎ°B Kinase (IKK)-Î±, IKKÎ², IKKÏµ, TRAF Family Member-associated (TANK)-binding Kinase 1 (TBK1), and an Unknown Kinase and Couples p65 to TATA-binding Protein-associated Factor II31-mediated Interleukin-8 Transcription. Journal of Biological Chemistry, 2004, 279, 55633-55643.	3.4	323
4	Targeting innate immunity protein kinase signalling in inflammation. Nature Reviews Drug Discovery, 2009, 8, 480-499.	46.4	307
5	IL-1 family nomenclature. Nature Immunology, 2010, 11, 973-973.	14.5	294
6	The Interleukin-1 Receptor Accessory Protein (IL-1RAcP) Is Essential for IL-1-induced Activation of Interleukin-1 Receptor-associated Kinase (IRAK) and Stress-activated Protein Kinases (SAP Kinases). Journal of Biological Chemistry, 1997, 272, 7727-7731.	3.4	279
7	Induction of Interleukin-8 Synthesis Integrates Effects on Transcription and mRNA Degradation from at Least Three Different Cytokine- or Stress-Activated Signal Transduction Pathways. Molecular and Cellular Biology, 1999, 19, 6742-6753.	2.3	274
8	IÎ°B-independent control of NF-Î°B activity by modulatory phosphorylations. Trends in Biochemical Sciences, 2001, 26, 186-190.	7.5	220
9	NF-Î°B: A Multifaceted Transcription Factor Regulated at Several Levels. ChemBioChem, 2004, 5, 1348-1358.	2.6	220
10	The coactivator role of histone deacetylase 3 in IL-1-signaling involves deacetylation of p65 NF-Î°B. Nucleic Acids Research, 2013, 41, 90-109.	14.5	218
11	TRANSCRIPTIONAL AND POST-TRANSCRIPTIONAL CONTROL OF GENE EXPRESSION IN INFLAMMATION. Cytokine, 2002, 20, 91-106.	3.2	215
12	Phosphorylation of Serine 468 by GSK-3Î² Negatively Regulates Basal p65 NF-Î°B Activity. Journal of Biological Chemistry, 2004, 279, 49571-49574.	3.4	213
13	Transient and Selective NF-Î°B p65 Serine 536 Phosphorylation Induced by T Cell Costimulation Is Mediated by IÎ°B Kinase Î² and Controls the Kinetics of p65 Nuclear Import. Journal of Immunology, 2004, 172, 6336-6344.	0.8	205
14	Phosphorylation of NFâ€Î°B p65 at Ser468 controls its COMMD1â€dependent ubiquitination and target geneâ€specific proteasomal elimination. EMBO Reports, 2009, 10, 381-386.	4.5	149
15	Functional Analysis of KSRP Interaction with the AU-Rich Element of Interleukin-8 and Identification of Inflammatory mRNA Targets. Molecular and Cellular Biology, 2007, 27, 8388-8400.	2.3	131
16	Cyclin-Dependent Kinase 6 Is a Chromatin-Bound Cofactor for NF-Î°B-Dependent Gene Expression. Molecular Cell, 2014, 53, 193-208.	9.7	129
17	Interleukin-1Î² (IL-1Î²) Processing Pathway. Science Signaling, 2010, 3, cm2.	3.6	124
18	The NF-Î°B Repressing Factor Is Involved in Basal Repression and Interleukin (IL)-1-induced Activation of IL-8 Transcription by Binding to a Conserved NF-Î°B-flanking Sequence Element. Journal of Biological Chemistry, 2001, 276, 4501-4508.	3.4	114

#	Article	IF	Citations
19	Inducible Phosphorylation of NF-ÎºB p65 at Serine 468 by T Cell Costimulation Is Mediated by IKKÎµ. Journal of Biological Chemistry, 2006, 281, 6175-6183.	3.4	113
20	MEK1-dependent Delayed Expression of Fos-related Antigen-1 Counteracts c-Fos and p65 NF-ÎºB-mediated Interleukin-8 Transcription in Response to Cytokines or Growth Factors. Journal of Biological Chemistry, 2005, 280, 9706-9718.	3.4	100
21	The Crosstalk of Endoplasmic Reticulum (ER) Stress Pathways with NF-ÎºB: Complex Mechanisms Relevant for Cancer, Inflammation and Infection. Biomedicines, 2018, 6, 58.	3.2	94
22	The NF-ÎºB-dependent and -independent transcriptome and chromatin landscapes of human coronavirus 229E-infected cells. PLoS Pathogens, 2017, 13, e1006286.	4.7	89
23	Stress-activated Protein Kinase/Jun N-terminal Kinase Is Required for Interleukin (IL)-1-induced IL-6 and IL-8 Gene Expression in the Human Epidermal Carcinoma Cell Line KB. Journal of Biological Chemistry, 1998, 273, 23681-23689.	3.4	88
24	The MAPK Kinase Kinase TAK1 Plays a Central Role in Coupling the Interleukin-1 Receptor to Both Transcriptional and RNA-targeted Mechanisms of Gene Regulation. Journal of Biological Chemistry, 2001, 276, 3508-3516.	3.4	85
25	Disruption of the c-JUN-JNK Complex by a Cell-permeable Peptide Containing the c-JUN Î´ Domain Induces Apoptosis and Affects a Distinct Set of Interleukin-1-induced Inflammatory Genes. Journal of Biological Chemistry, 2003, 278, 40213-40223.	3.4	83
26	c-Jun Controls Histone Modifications, NF-ÎºB Recruitment, and RNA Polymerase II Function To Activate the <i>ccl2</i> Gene. Molecular and Cellular Biology, 2008, 28, 4407-4423.	2.3	83
27	Signal integration, crosstalk mechanisms and networks in the function of inflammatory cytokines. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 2165-2175.	4.1	81
28	Transcriptional Regulation of EGR-1 by the Interleukin-1-JNK-MKK7-c-Jun Pathway. Journal of Biological Chemistry, 2008, 283, 12120-12128.	3.4	76
29	Cyclin-Dependent Kinases as Coregulators of Inflammatory Gene Expression. Trends in Pharmacological Sciences, 2016, 37, 101-113.	8.7	75
30	Cyclin-Dependent Kinase 6 Phosphorylates NF-ÎºB P65 at Serine 536 and Contributes to the Regulation of Inflammatory Gene Expression. PLoS ONE, 2012, 7, e51847.	2.5	71
31	Targeting histone acetylation in pulmonary hypertension and right ventricular hypertrophy. British Journal of Pharmacology, 2021, 178, 54-71.	5.4	69
32	c-Jun N-terminal kinase phosphorylates DCP1a to control formation of P bodies. Journal of Cell Biology, 2011, 194, 581-596.	5.2	68
33	The intricate interplay between RNA viruses and NF-ÎºB. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 2754-2764.	4.1	60
34	Simultaneous Blockade of NFÎºB, JNK, and p38 MAPK by a Kinase-inactive Mutant of the Protein Kinase TAK1 Sensitizes Cells to Apoptosis and Affects a Distinct Spectrum of Tumor Necrosis Target Genes. Journal of Biological Chemistry, 2005, 280, 27728-27741.	3.4	58
35	Multi-level inhibition of coronavirus replication by chemical ER stress. Nature Communications, 2021, 12, 5536.	12.8	54
36	The Yersinia enterocolitica effector YopP inhibits host cell signalling by inactivating the protein kinase TAK1 in the ILâ€1 signalling pathway. EMBO Reports, 2006, 7, 838-844.	4.5	52

#	Article	IF	Citations
37	Mutual regulation of metabolic processes and proinflammatory NF-ÎºB signaling. Journal of Allergy and Clinical Immunology, 2020, 146, 694-705.	2.9	51
38	The cytokine-induced conformational switch of nuclear factor ÎºB p65 is mediated by p65 phosphorylation. Biochemical Journal, 2014, 457, 401-413.	3.7	49
39	Interleukin-1 Activates Synthesis of Interleukin-6 by Interfering with a KH-type Splicing Regulatory Protein (KSRP)-dependent Translational Silencing Mechanism. Journal of Biological Chemistry, 2011, 286, 33279-33288.	3.4	47
40	Selective activation of JNK/SAPK by interleukin-1 in rabbit liver is mediated by MKK7. FEBS Letters, 1997, 418, 144-148.	2.8	41
41	The Activation of IL-1-Induced Enhancers Depends on TAK1 Kinase Activity and NF-ÎºB p65. Cell Reports, 2015, 10, 726-739.	6.4	41
42	Inhibition of mRNA deadenylation and degradation by different types of cell stress. Biological Chemistry, 2006, 387, 323-7.	2.5	38
43	PHD3 Controls Lung Cancer Metastasis and Resistance to EGFR Inhibitors through TGFÎ±. Cancer Research, 2018, 78, 1805-1819.	0.9	38
44	K63-Ubiquitylation and TRAF6 Pathways Regulate Mammalian P-Body Formation and mRNA Decapping. Molecular Cell, 2016, 62, 943-957.	9.7	35
45	Copper Metabolism Domain-Containing 1 Represses Genes That Promote Inflammation and Protects Mice From Colitis and Colitis-Associated Cancer. Gastroenterology, 2014, 147, 184-195.e3.	1.3	33
46	Comparative analysis of T-cell costimulation and CD43 activation reveals novel signaling pathways and target genes. Blood, 2004, 104, 3302-3304.	1.4	31
47	Silencing or permanent activation: host-cell responses in models of persistent Chlamydia pneumoniae infection. Cellular Microbiology, 2005, 7, 1099-1108.	2.1	31
48	HDAC3 functions as a positive regulator in Notch signal transduction. Nucleic Acids Research, 2020, 48, 3496-3512.	14.5	31
49	NFâ€ÎºB p65 dimerization and DNAâ€binding is important for inflammatory gene expression. FASEB Journal, 2019, 33, 4188-4202.	0.5	30
50	IL-1-induced Post-transcriptional Mechanisms Target Overlapping Translational Silencing and Destabilizing Elements in IÎºBÎ¶ mRNA*. Journal of Biological Chemistry, 2010, 285, 29165-29178.	3.4	29
51	Distinct ILâ€1Î±â€responsive enhancers promote acute and coordinated changes in chromatin topology in a hierarchical manner. EMBO Journal, 2020, 39, e101533.	7.8	25
52	The CCR4-NOT complex contributes to repression of Major Histocompatibility Complex class II transcription. Scientific Reports, 2017, 7, 3547.	3.3	22
53	Identification and Functional Characterization of Novel Phosphorylation Sites in TAK1-Binding Protein (TAB) 1. PLoS ONE, 2011, 6, e29256.	2.5	21
54	CDK1-mediated phosphorylation at H2B serine 6 is required for mitotic chromosome segregation. Journal of Cell Biology, 2019, 218, 1164-1181.	5.2	21

#	Article	IF	Citations
55	Phosphoproteome Analysis of Cells Infected with Adapted and Nonadapted Influenza A Virus Reveals Novel Pro- and Antiviral Signaling Networks. Journal of Virology, 2019, 93, .	3.4	19
56	CTRP9 Mediates Protective Effects in Cardiomyocytes via AMPK- and Adiponectin Receptor-Mediated Induction of Anti-Oxidant Response. Cells, 2020, 9, 1229.	4.1	19
57	HIPK family kinases bind and regulate the function of the CCR4-NOT complex. Molecular Biology of the Cell, 2016, 27, 1969-1980.	2.1	17
58	SIAH2-mediated and organ-specific restriction of HO-1 expression by a dual mechanism. Scientific Reports, 2020, 10, 2268.	3.3	17
59	C/EBPÎ² is a transcriptional key regulator of IL-36Î± in murine macrophages. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2015, 1849, 966-978.	1.9	16
60	Dynamic mRNP Remodeling in Response to Internal and External Stimuli. Biomolecules, 2020, 10, 1310.	4.0	16
61	The Influenza A Virus Genotype Determines the Antiviral Function of NF-Î°B. Journal of Virology, 2016, 90, 7980-7990.	3.4	15
62	The Direct and Indirect Roles of NF-Î°B in Cancer: Lessons from Oncogenic Fusion Proteins and Knock-in Mice. Biomedicines, 2018, 6, 36.	3.2	15
63	Regulation of TAK1/TAB1-Mediated IL-1Î² Signaling by Cytoplasmic PPARÎ²/Î´. PLoS ONE, 2013, 8, e63011.	2.5	15
64	Monitoring the Levels of Cellular NF-Î°B Activation States. Cancers, 2021, 13, 5351.	3.7	15
65	Human Primary Keratinocytes Show Restricted Ability to Up-regulate Suppressor of Cytokine Signaling (SOCS)3 Protein Compared with Autologous Macrophages. Journal of Biological Chemistry, 2012, 287, 9923-9930.	3.4	14
66	Identification of Two Forms of TNF Tolerance in Human Monocytes: Differential Inhibition of NF-Î°B/AP-1â€" and PP1-Associated Signaling. Journal of Immunology, 2014, 192, 3143-3155.	0.8	14
67	Regulation of Transcription Factor NF-Î°B in Its Natural Habitat: The Nucleus. Cells, 2021, 10, 753.	4.1	14
68	ULK1/2 Restricts the Formation of Inducible SINT-Speckles, Membraneless Organelles Controlling the Threshold of TBK1 Activation. IScience, 2019, 19, 527-544.	4.1	13
69	Differential effects of right and left heart failure on skeletal muscle in rats. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 1830-1849.	7.3	13
70	Induction of a broad spectrum of inflammation-related genes by Coxsackievirus B3 requires Interleukin-1 signaling. Medical Microbiology and Immunology, 2013, 202, 11-23.	4.8	12
71	Chemotherapeutic Drugs Inhibiting Topoisomerase 1 Activity Impede Cytokine-Induced and NF-Î°B p65-Regulated Gene Expression. Cancers, 2019, 11, 883.	3.7	11
72	Chromatin Targeting of HIPK2 Leads to Acetylation-Dependent Chromatin Decondensation. Frontiers in Cell and Developmental Biology, 2020, 8, 852.	3.7	9

#	Article	IF	Citations
73	Single-Cell Analysis of Multiple Steps of Dynamic NF-Î°B Regulation in Interleukin-1Î±-Triggered Tumor Cells Using Proximity Ligation Assays. Cancers, 2019, 11, 1199.	3.7	8
74	Thapsigargin: key to new host-directed coronavirus antivirals?. Trends in Pharmacological Sciences, 2022, 43, 557-568.	8.7	8
75	Small interfering RNAs generated by recombinant dicer induce inflammatory gene expression independent from the TAK1-NFÎ°B-MAPK signaling pathways. Biochemical and Biophysical Research Communications, 2006, 347, 566-573.	2.1	7
76	RNAi-Based Identification of Gene-Specific Nuclear Cofactor Networks Regulating Interleukin-1 Target Genes. Frontiers in Immunology, 2018, 9, 775.	4.8	7
77	MEKK1-Dependent Activation of the CRL4 Complex Is Important for DNA Damage-Induced Degradation of p21 and DDB2 and Cell Survival. Molecular and Cellular Biology, 2021, 41, e0008121.	2.3	6
78	TRAF6 Phosphorylation Prevents Its Autophagic Degradation and Re-Shapes LPS-Triggered Signaling Networks. Cancers, 2021, 13, 3618.	3.7	4
79	SIAH ubiquitin E3 ligases as modulators of inflammatory gene expression. Heliyon, 2022, 8, e09029.	3.2	2
80	NF-Ï°B: A Multifaceted Transcription Factor Regulated at Several Levels. ChemInform, 2004, 35, no.	0.0	0
81	Testing the Effects of SIAH Ubiquitin E3 Ligases on Lysine Acetyl Transferases. Methods in Molecular Biology, 2017, 1510, 297-312.	0.9	0