Roger J Davis

List of Publications by Year in Descending Order

288 papers	56,510 citations	108 h-index	236 g-index
325 ext. papers	60,550 ext. citations	13 avg, IF	7.62 L-index

#	Paper	IF	Citations
288	Cdk5-mediated JIP1 phosphorylation regulates axonal outgrowth through Notch1 inhibition.. *BMC Biology*, **2022**, 20, 115	7.3	0
287	A feed-forward regulatory loop in adipose tissue promotes signaling by the hepatokine FGF21. *Genes and Development*, **2021**, 35, 133-146	12.6	12
286	JNK signaling prevents biliary cyst formation through a CASPASE-8-dependent function of RIPK1 during aging. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	4
285	JUN Amino-Terminal Kinase 1 Signaling in the Proximal Tubule Causes Cell Death and Acute Renal Failure in Rat and Mouse Models of Renal Ischemia/Reperfusion Injury. *American Journal of Pathology*, **2021**, 191, 817-828	5.8	2
284	Anoikis Mediated by Stress-Activated MAPK Signaling Pathways **2021**, 161-172		
283	Mitogen Kinase Kinase (MKK7) Controls Cytokine Production In Vitro and In Vivo in Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
282	c-Jun N-terminal kinase (JNK) signaling contributes to cystic burden in polycystic kidney disease.. *PLoS Genetics*, **2021**, 17, e1009711	6	0
281	Aberrant Ca signaling by IPRs in adipocytes links inflammation to metabolic dysregulation in obesity.. *Science Signaling*, **2021**, 14, eabf2059	8.8	1
280	Regulation of adipose tissue inflammation by interleukin 6. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 2751-2760	11.5	94
279	JNK-mediated disruption of bile acid homeostasis promotes intrahepatic cholangiocarcinoma. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 16492-16499	11.5	22
278	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models. *PLoS ONE*, **2020**, 15, e0226904	3.7	10
277	Neutrophil infiltration regulates clock-gene expression to organize daily hepatic metabolism. *ELife*, **2020**, 9,	8.9	7
276	Loss of c-Jun N-terminal Kinase 1 and 2 Function in Liver Epithelial Cells Triggers Biliary Hyperproliferation Resembling Cholangiocarcinoma. *Hepatology Communications*, **2020**, 4, 834-851	6	10
275	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models **2020**, 15, e0226904		
274	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models **2020**, 15, e0226904		
273	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models **2020**, 15, e0226904		
272	Airway epithelial specific deletion of Jun-N-terminal kinase 1 attenuates pulmonary fibrosis in two independent mouse models **2020**, 15, e0226904		

271	Neural JNK3 regulates blood flow recovery after hindlimb ischemia in mice via an Egr1/Creb1 axis. *Nature Communications*, **2019**, 10, 4223	17.4	15
270	JNK represses Lkb-deficiency-induced lung squamous cell carcinoma progression. *Nature Communications*, **2019**, 10, 2148	17.4	13
269	High-fat diet in a mouse insulin-resistant model induces widespread rewiring of the phosphotyrosine signaling network. *Molecular Systems Biology*, **2019**, 15, e8849	12.2	15
268	Expression of mitochondrial membrane-linked SAB determines severity of sex-dependent acute liver injury. *Journal of Clinical Investigation*, **2019**, 129, 5278-5293	15.9	13
267	Cutting Edge: Early Attrition of Memory T Cells during Inflammation and Costimulation Blockade Is Regulated Concurrently by Proapoptotic Proteins Fas and Bim. *Journal of Immunology*, **2019**, 202, 647-651	5.3	3
266	Mixed lineage kinase-3 prevents cardiac dysfunction and structural remodeling with pressure overload. *American Journal of Physiology - Heart and Circulatory Physiology*, **2019**, 316, H145-H159	5.2	15
265	The cJUN NH-terminal kinase (JNK) pathway contributes to mouse mammary gland remodeling during involution. *Cell Death and Differentiation*, **2018**, 25, 1702-1715	12.7	8
264	JIP1-Mediated JNK Activation Negatively Regulates Synaptic Plasticity and Spatial Memory. *Journal of Neuroscience*, **2018**, 38, 3708-3728	6.6	13
263	JNK regulates muscle remodeling via myostatin/SMAD inhibition. *Nature Communications*, **2018**, 9, 3030	17.4	43
262	Analysis and Correction of Inappropriate Image Duplication: the Experience. *Molecular and Cellular Biology*, **2018**, 38,	4.8	11
261	Endoplasmic reticulum chaperone GRP78 regulates macrophage function and insulin resistance in diet-induced obesity. *FASEB Journal*, **2018**, 32, 2292-2304	0.9	15
260	IFN-□nducible antiviral responses require ULK1-mediated activation of MLK3 and ERK5. *Science Signaling*, **2018**, 11,	8.8	7
259	Identification of a novel anoikis signalling pathway using the fungal virulence factor gliotoxin. *Nature Communications*, **2018**, 9, 3524	17.4	20
258	Role of the MAPK/cJun NH-terminal kinase signaling pathway in starvation-induced autophagy. *Autophagy*, **2018**, 14, 1586-1595	10.2	20
257	The cJUN NH-terminal kinase (JNK) signaling pathway promotes genome stability and prevents tumor initiation. *ELife*, **2018**, 7,	8.9	18
256	Hyper- and hypo- nutrition studies of the hepatic transcriptome and epigenome suggest that PPAR□regulates anaerobic glycolysis. *Scientific Reports*, **2017**, 7, 174	4.9	10
255	c-Jun N-Terminal Kinases (JNKs) Are Critical Mediators of Osteoblast Activity In Vivo. *Journal of Bone and Mineral Research*, **2017**, 32, 1811-1815	6.3	25
254	Kupffer Cell-Derived Tnf Triggers Cholangiocellular Tumorigenesis through JNK due to Chronic Mitochondrial Dysfunction and ROS. *Cancer Cell*, **2017**, 31, 771-789.e6	24.3	98

253	A Dual Role of Caspase-8 in Triggering and Sensing Proliferation-Associated DNA Damage, a Key Determinant of Liver Cancer Development. *Cancer Cell*, **2017**, 32, 342-359.e10	24.3	83
252	A Protein Scaffold Coordinates SRC-Mediated JNK Activation in Response to Metabolic Stress. *Cell Reports*, **2017**, 20, 2775-2783	10.6	19
251	Hepatic Dysfunction Caused by Consumption of a High-Fat Diet. *Cell Reports*, **2017**, 21, 3317-3328	10.6	37
250	JNK Promotes Epithelial Cell Anoikis by Transcriptional and Post-translational Regulation of BH3-Only Proteins. *Cell Reports*, **2017**, 21, 1910-1921	10.6	21
249	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. *Cell Metabolism*, **2017**, 26, 212-229.e12	24.6	128
248	Melanoma mystery. *ELife*, **2017**, 6,	8.9	1
247	Multisite phosphorylation by MAPK. *Science*, **2016**, 354, 179-180	33.3	9
246	ASM Journals Eliminate Impact Factor Information from Journal Websites. *MSphere*, **2016**, 1,	5	3
245	Tead and AP1 Coordinate Transcription and Motility. *Cell Reports*, **2016**, 14, 1169-1180	10.6	126
244	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
243	Fibroblast Growth Factor 21 Mediates Glycemic Regulation by Hepatic JNK. *Cell Reports*, **2016**, 14, 2273-80	10.6	27
242	TNF-Mediated Cytotoxic Responses to IAP Inhibition Are Limited by the p38-MAPK Pathway. *Cancer Cell*, **2016**, 29, 131-3	24.3	3
241	Inactivation of nuclear GSK3 by Ser(389) phosphorylation promotes lymphocyte fitness during DNA double-strand break response. *Nature Communications*, **2016**, 7, 10553	17.4	24
240	Combined Activities of JNK1 and JNK2 in Hepatocytes Protect Against Toxic Liver Injury. *Gastroenterology*, **2016**, 150, 968-81	13.3	61
239	1 integrin- and JNK-dependent tumor growth upon hypofractionated radiation. *Oncotarget*, **2016**, 7, 52618-52630	3.3	5
238	Excitatory transmission onto AgRP neurons is regulated by cJun NH2-terminal kinase 3 in response to metabolic stress. *ELife*, **2016**, 5, e10031	8.9	20
237	An alternative splicing program promotes adipose tissue thermogenesis. *ELife*, **2016**, 5,	8.9	32
236	Suppression of ischemia in arterial occlusive disease by JNK-promoted native collateral artery development. *ELife*, **2016**, 5,	8.9	11

235	Mechanism of early dissemination and metastasis in Her2 mammary cancer. *Nature*, **2016**, 540, 588-592	50.4	317
234	Inflammation Mediated by JNK in Myeloid Cells Promotes the Development of Hepatitis and Hepatocellular Carcinoma. *Cell Reports*, **2016**, 15, 19-26	10.6	48
233	Cell Signaling and Stress Responses. *Cold Spring Harbor Perspectives in Biology*, **2016**, 8,	10.2	200
232	Integrin Promotes Castrate-Resistant Prostate Cancer through JNK1-Mediated Activation of Androgen Receptor. *Cancer Research*, **2016**, 76, 5163-74	10.1	26
231	p38MAPK is required for tooth morphogenesis and enamel secretion. *Journal of Biological Chemistry*, **2015**, 290, 284-95	5.4	22
230	Prostate tumorigenesis induced by PTEN deletion involves estrogen receptor repression. *Cell Reports*, **2015**, 10, 1982-91	10.6	20
229	JNK-interacting protein 1 mediates Alzheimer-like pathological features in AICD-transgenic mice. *Neurobiology of Aging*, **2015**, 36, 2370-9	5.6	5
228	Presynaptic c-Jun N-terminal Kinase 2 regulates NMDA receptor-dependent glutamate release. *Scientific Reports*, **2015**, 5, 9035	4.9	36
227	Novel Observations From Next-Generation RNA Sequencing of Highly Purified Human Adult and Fetal Islet Cell Subsets. *Diabetes*, **2015**, 64, 3172-81	0.9	205
226	Regulation of Adipose Tissue Inflammation and Insulin Resistance by MAPK Phosphatase 5. *Journal of Biological Chemistry*, **2015**, 290, 14875-83	5.4	13
225	Haematopoietic cell-derived Jnk1 is crucial for chronic inflammation and carcinogenesis in an experimental model of liver injury. *Journal of Hepatology*, **2015**, 62, 140-9	13.4	16
224	Bone marrow-derived c-jun N-terminal kinase-1 (JNK1) mediates liver regeneration. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2015**, 1852, 137-45	6.9	8
223	Hepatic acetyl CoA links adipose tissue inflammation to hepatic insulin resistance and type 2 diabetes. *Cell*, **2015**, 160, 745-758	56.2	419
222	Pathological axonal death through a MAPK cascade that triggers a local energy deficit. *Cell*, **2015**, 160, 161-76	56.2	190
221	TNF and MAP kinase signalling pathways. *Seminars in Immunology*, **2014**, 26, 237-45	10.7	364
220	p38 MAPK regulates steroidogenesis through transcriptional repression of STAR gene. *Journal of Molecular Endocrinology*, **2014**, 53, 1-16	4.5	26
219	The PPARFGF21 hormone axis contributes to metabolic regulation by the hepatic JNK signaling pathway. *Cell Metabolism*, **2014**, 20, 512-25	24.6	109
218	Jnk1 in murine hepatic stellate cells is a crucial mediator of liver fibrogenesis. *Gut*, **2014**, 63, 1159-72	19.2	37

217	Impaired JNK signaling cooperates with KrasG12D expression to accelerate pancreatic ductal adenocarcinoma. *Cancer Research*, **2014**, 74, 3344-56	10.1	22
216	Quantitative analysis of APP axonal transport in neurons: role of JIP1 in enhanced APP anterograde transport. *Molecular Biology of the Cell*, **2014**, 25, 3569-80	3.5	42
215	Mnk2 alternative splicing modulates the p38-MAPK pathway and impacts Ras-induced transformation. *Cell Reports*, **2014**, 7, 501-513	10.6	68
214	Eukaryotic elongation factor 2 controls TNF- translation in LPS-induced hepatitis. *Journal of Clinical Investigation*, **2014**, 124, 1869-1869	15.9	78
213	Diet-induced obesity mediated by the JNK/DIO2 signal transduction pathway. *Genes and Development*, **2013**, 27, 2345-55	12.6	31
212	JNK expression by macrophages promotes obesity-induced insulin resistance and inflammation. *Science*, **2013**, 339, 218-22	33.3	455
211	Analysis of in vitro insulin-resistance models and their physiological relevance to in vivo diet-induced adipose insulin resistance. *Cell Reports*, **2013**, 5, 259-70	10.6	66
210	Role of the mixed-lineage protein kinase pathway in the metabolic stress response to obesity. *Cell Reports*, **2013**, 4, 681-8	10.6	29
209	Central melanin-concentrating hormone influences liver and adipose metabolism via specific hypothalamic nuclei and efferent autonomic/JNK1 pathways. *Gastroenterology*, **2013**, 144, 636-649.e6	13.3	64
208	Modulation of fatty acid synthase degradation by concerted action of p38 MAP kinase, E3 ligase COP1, and SH2-tyrosine phosphatase Shp2. *Journal of Biological Chemistry*, **2013**, 288, 3823-30	5.4	27
207	1 integrins mediate resistance to ionizing radiation in vivo by inhibiting c-Jun amino terminal kinase 1. *Journal of Cellular Physiology*, **2013**, 228, 1601-9	7	36
206	Acyl-CoA synthetase 1 is induced by Gram-negative bacteria and lipopolysaccharide and is required for phospholipid turnover in stimulated macrophages. *Journal of Biological Chemistry*, **2013**, 288, 9957-9970	5.4	41
205	JNK regulates compliance-induced adherens junctions formation in epithelial cells and tissues. *Journal of Cell Science*, **2013**, 126, 2718-29	5.3	17
204	Eukaryotic elongation factor 2 controls TNF- translation in LPS-induced hepatitis. *Journal of Clinical Investigation*, **2013**, 123, 164-78	15.9	77
203	VEGF/neuropilin-2 regulation of Bmi-1 and consequent repression of IGF-IR define a novel mechanism of aggressive prostate cancer. *Cancer Discovery*, **2012**, 2, 906-21	24.4	66
202	Cell biology. A scaffold switch to insulate. *Science*, **2012**, 337, 1178-9	33.3	0
201	JNK and PTEN cooperatively control the development of invasive adenocarcinoma of the prostate. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 12046-51	11.5	71
200	The stress-activated protein kinases p38 and JNK1/2 cooperate with Chk1 to inhibit mitotic entry upon DNA replication arrest. *Cell Cycle*, **2012**, 11, 3627-37	4.7	21

199	Role of JNK in mammary gland development and breast cancer. *Cancer Research*, **2012**, 72, 472-81	10.1	77
198	Retinol-binding protein 4 inhibits insulin signaling in adipocytes by inducing proinflammatory cytokines in macrophages through a c-Jun N-terminal kinase- and toll-like receptor 4-dependent and retinol-independent mechanism. *Molecular and Cellular Biology*, **2012**, 32, 2010-9	4.8	170
197	Deprivation of MKK7 in cardiomyocytes provokes heart failure in mice when exposed to pressure overload. *Journal of Molecular and Cellular Cardiology*, **2011**, 50, 702-11	5.8	24
196	Activation of p38 MAPK in CD4 T cells controls IL-17 production and autoimmune encephalomyelitis. *Blood*, **2011**, 118, 3290-300	2.2	114
195	p38 Signaling Induces Anoikis and Lumen Formation During Mammary Morphogenesis. *Science Signaling*, **2011**, 4, ra34	8.8	34
194	Sirtuin 1 (SIRT1) protein degradation in response to persistent c-Jun N-terminal kinase 1 (JNK1) activation contributes to hepatic steatosis in obesity. *Journal of Biological Chemistry*, **2011**, 286, 22227-34	5.4	146
193	p38 MAPK-mediated regulation of Xbp1s is crucial for glucose homeostasis. *Nature Medicine*, **2011**, 17, 1251-60	50.5	145
192	Fungal allergen glucans trigger p38 mitogen-activated protein kinase-mediated IL-6 translation in lung epithelial cells. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 45, 1133-41	5.7	44
191	JNK regulates FoxO-dependent autophagy in neurons. *Genes and Development*, **2011**, 25, 310-22	12.6	168
190	Requirement of c-Jun NH(2)-terminal kinase for Ras-initiated tumor formation. *Molecular and Cellular Biology*, **2011**, 31, 1565-76	4.8	82
189	TNF-stimulated MAP kinase activation mediated by a Rho family GTPase signaling pathway. *Genes and Development*, **2011**, 25, 2069-78	12.6	87
188	The role of JNK in the development of hepatocellular carcinoma. *Genes and Development*, **2011**, 25, 634-45	12.6	146
187	The loss of c-Jun N-terminal protein kinase activity prevents the amyloidogenic cleavage of amyloid precursor protein and the formation of amyloid plaques in vivo. *Journal of Neuroscience*, **2011**, 31, 16969-76	6.6	40
186	Translational control of NKT cell cytokine production by p38 MAPK. *Journal of Immunology*, **2011**, 186, 4140-6	5.3	22
185	MLK3 regulates bone development downstream of the faciogenital dysplasia protein FGD1 in mice. *Journal of Clinical Investigation*, **2011**, 121, 4383-92	15.9	43
184	AKAP-Lbc enhances cyclic AMP control of the ERK1/2 cascade. *Nature Cell Biology*, **2010**, 12, 1242-9	23.4	91
183	The p38 MAPK pathway is essential for skeletogenesis and bone homeostasis in mice. *Journal of Clinical Investigation*, **2010**, 120, 2457-73	15.9	295
182	Role of JNK in a Trp53-dependent mouse model of breast cancer. *PLoS ONE*, **2010**, 5, e12469	3.7	36

181	Mammalian MAP Kinases **2010**, 1315-1328		
180	Role of muscle c-Jun NH2-terminal kinase 1 in obesity-induced insulin resistance. *Molecular and Cellular Biology*, **2010**, 30, 106-15	4.8	122
179	Role of the hypothalamic-pituitary-thyroid axis in metabolic regulation by JNK1. *Genes and Development*, **2010**, 24, 256-64	12.6	92
178	Analysis of apoptosis of memory T cells and dendritic cells during the early stages of viral infection or exposure to toll-like receptor agonists. *Journal of Virology*, **2010**, 84, 4866-77	6.6	33
177	c-Jun NH2-terminal kinase is required for lineage-specific differentiation but not stem cell self-renewal. *Molecular and Cellular Biology*, **2010**, 30, 1329-40	4.8	38
176	Microtubule stabilization by bone morphogenetic protein receptor-mediated scaffolding of c-Jun N-terminal kinase promotes dendrite formation. *Molecular and Cellular Biology*, **2010**, 30, 2241-50	4.8	58
175	Functional cooperation of the proapoptotic Bcl2 family proteins Bmf and Bim in vivo. *Molecular and Cellular Biology*, **2010**, 30, 98-105	4.8	51
174	JNK-mediated phosphorylation of Cdc25C regulates cell cycle entry and G(2)/M DNA damage checkpoint. *Journal of Biological Chemistry*, **2010**, 285, 14217-28	5.4	56
173	Hippocampal c-Jun-N-terminal kinases serve as negative regulators of associative learning. *Journal of Neuroscience*, **2010**, 30, 13348-61	6.6	50
172	Distinct roles of c-Jun N-terminal kinase isoforms in neurite initiation and elongation during axonal regeneration. *Journal of Neuroscience*, **2010**, 30, 7804-16	6.6	94
171	Requirement of JIP1-mediated c-Jun N-terminal kinase activation for obesity-induced insulin resistance. *Molecular and Cellular Biology*, **2010**, 30, 4616-25	4.8	18
170	Analysis of Apoptosis of Memory T Cells and Dendritic Cells during the Early Stages of Viral Infection or Exposure to Toll-Like Receptor Agonists. *Journal of Virology*, **2010**, 84, 6262-6262	6.6	1
169	Platelet JNK1 is involved in secretion and thrombus formation. *Blood*, **2010**, 115, 4083-92	2.2	83
168	cJun NH2-terminal kinase 1 (JNK1): roles in metabolic regulation of insulin resistance. *Trends in Biochemical Sciences*, **2010**, 35, 490-6	10.3	121
167	Differential activation of p38MAPK isoforms by MKK6 and MKK3. *Cellular Signalling*, **2010**, 22, 660-7	4.9	106
166	Mcl-1 integrates the opposing actions of signaling pathways that mediate survival and apoptosis. *Molecular and Cellular Biology*, **2009**, 29, 3845-52	4.8	110
165	Role of MAPK kinase 6 in arthritis: distinct mechanism of action in inflammation and cytokine expression. *Journal of Immunology*, **2009**, 183, 1360-7	5.3	34
164	Signal transduction cross talk mediated by Jun N-terminal kinase-interacting protein and insulin receptor substrate scaffold protein complexes. *Molecular and Cellular Biology*, **2009**, 29, 4831-40	4.8	15

163	Regulation of the immune response by stress-activated protein kinases. *Immunological Reviews*, **2009**, 228, 212-24	11.3	199
162	Induction of hepatitis by JNK-mediated expression of TNF-alpha. *Cell*, **2009**, 136, 249-60	56.2	114
161	Prevention of steatosis by hepatic JNK1. *Cell Metabolism*, **2009**, 10, 491-8	24.6	116
160	Phosphorylation of Ewing's sarcoma protein (EWS) and EWS-Fli1 in response to DNA damage. *Biochemical Journal*, **2009**, 418, 625-34	3.8	22
159	MKK3 signalling plays an essential role in leukocyte-mediated pancreatic injury in the multiple low-dose streptozotocin model. *Laboratory Investigation*, **2008**, 88, 398-407	5.9	16
158	Multisite phosphorylation regulates Bim stability and apoptotic activity. *Molecular Cell*, **2008**, 30, 415-25	17.6	177
157	Phosphorylation by p38 MAPK as an alternative pathway for GSK3beta inactivation. *Science*, **2008**, 320, 667-70	33.3	361
156	Roles for TAB1 in regulating the IL-1-dependent phosphorylation of the TAB3 regulatory subunit and activity of the TAK1 complex. *Biochemical Journal*, **2008**, 409, 711-22	3.8	55
155	Identification of ROCK1 as an upstream activator of the JIP-3 to JNK signaling axis in response to UVB damage. *Science Signaling*, **2008**, 1, ra14	8.8	40
154	A stress signaling pathway in adipose tissue regulates hepatic insulin resistance. *Science*, **2008**, 322, 1539-43	33.3	450
153	Required roles of Bax and JNKs in central and peripheral nervous system death of retinoblastoma-deficient mice. *Journal of Biological Chemistry*, **2008**, 283, 405-415	5.4	9
152	c-Jun NH2-terminal kinase 2 inhibits gamma interferon production during Anaplasma phagocytophilum infection. *Infection and Immunity*, **2008**, 76, 308-16	3.7	14
151	c-Jun N-terminal kinase 1 interacts with and negatively regulates Wnt/beta-catenin signaling through GSK3beta pathway. *Carcinogenesis*, **2008**, 29, 2317-24	4.6	43
150	A genetically encoded fluorescent sensor of ERK activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 19264-9	11.5	252
149	Jun N-terminal kinase 1 regulates epithelial-to-mesenchymal transition induced by TGF-beta1. *Journal of Cell Science*, **2008**, 121, 1036-45	5.3	100
148	Prostate carcinoma and radiation therapy: therapeutic treatment resistance and strategies for targeted therapeutic intervention. *Expert Review of Anticancer Therapy*, **2008**, 8, 967-74	3.5	17
147	Targeting dendritic cell signaling to regulate the response to immunization. *Blood*, **2008**, 111, 3050-61	2.2	96
146	Functions of stress-activated MAP kinases in the immune response **2007**, 261-281		

145	JNK2 negatively regulates CD8+ T cell effector function and anti-tumor immune response. *European Journal of Immunology*, **2007**, 37, 818-29	6.1	20
144	A semisynthetic epitope for kinase substrates. *Nature Methods*, **2007**, 4, 511-6	21.6	225
143	A radical role for p38 MAPK in tumor initiation. *Cancer Cell*, **2007**, 11, 101-3	24.3	63
142	Identification of the JNK signaling pathway as a functional target of the tumor suppressor PTEN. *Cancer Cell*, **2007**, 11, 555-69	24.3	202
141	The JNK signal transduction pathway. *Current Opinion in Cell Biology*, **2007**, 19, 142-9	9	780
140	Suppression of p53-dependent senescence by the JNK signal transduction pathway. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 15759-64	11.5	119
139	Post-infarction remodeling is independent of mitogen-activated protein kinase kinase 3 (MKK3). *Cardiovascular Research*, **2007**, 74, 466-70	9.9	13
138	c-Jun N-terminal kinase 1 is required for Toll-like receptor 1 gene expression in macrophages. *Infection and Immunity*, **2007**, 75, 5027-34	3.7	17
137	Structural insights into the interaction of the evolutionarily conserved ZPR1 domain tandem with eukaryotic EF1A, receptors, and SMN complexes. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 13930-5	11.5	31
136	Critical role of c-jun (NH2) terminal kinase in paracetamol- induced acute liver failure. *Gut*, **2007**, 56, 982-90	10.2	145
135	Requirement of JIP scaffold proteins for NMDA-mediated signal transduction. *Genes and Development*, **2007**, 21, 2336-46	12.6	32
134	MKK3-p38 signaling promotes apoptosis and the early inflammatory response in the obstructed mouse kidney. *American Journal of Physiology - Renal Physiology*, **2007**, 293, F1556-63	4.3	45
133	Tumor suppressor CYLD regulates acute lung injury in lethal Streptococcus pneumoniae infections. *Immunity*, **2007**, 27, 349-60	32.3	111
132	Metabolic stress signaling mediated by mixed-lineage kinases. *Molecular Cell*, **2007**, 27, 498-508	17.6	113
131	c-Jun NH2-terminal kinase 1 plays a critical role in intestinal homeostasis and tumor suppression. *American Journal of Pathology*, **2007**, 171, 297-303	5.8	81
130	Deficiency of the zinc finger protein ZPR1 causes neurodegeneration. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 7471-5	11.5	36
129	Jun NH2-terminal kinase (JNK) prevents nuclear beta-catenin accumulation and regulates axis formation in Xenopus embryos. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 16313-8	11.5	57
128	Regulation of the ring finger E3 ligase Siah2 by p38 MAPK. *Journal of Biological Chemistry*, **2006**, 281, 35316-26	5.4	66

127	Role of the p38 mitogen-activated protein kinase pathway in the generation of arsenic trioxide-dependent cellular responses. *Cancer Research*, **2006**, 66, 6763-71	10.1	71
126	Inactivation of JNK1 enhances innate IL-10 production and dampens autoimmune inflammation in the brain. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 13451-6	11.5	34
125	Control of cellular senescence by CPEB. *Genes and Development*, **2006**, 20, 2701-12	12.6	72
124	Mitogen-activated protein kinase kinase 3 is a pivotal pathway regulating p38 activation in inflammatory arthritis. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 5484-9	11.5	88
123	Multiple activation mechanisms of p38alpha mitogen-activated protein kinase. *Journal of Biological Chemistry*, **2006**, 281, 26225-34	5.4	69
122	Cerebral ischemia-hypoxia induces intravascular coagulation and autophagy. *American Journal of Pathology*, **2006**, 169, 566-83	5.8	304
121	Activation of p38 mitogen-activated protein kinase contributes to the early cardiodepressant action of tumor necrosis factor. *Journal of the American College of Cardiology*, **2006**, 48, 545-55	15.1	44
120	Proteins kinases: chromatin-associated enzymes?. *Cell*, **2006**, 127, 887-90	56.2	47
119	JNK1 is required to preserve cardiac function in the early response to pressure overload. *Biochemical and Biophysical Research Communications*, **2006**, 343, 1060-6	3.4	49
118	Chemical genetic analysis of the time course of signal transduction by JNK. *Molecular Cell*, **2006**, 21, 701-706	17.6	250
117	H2AX is a target of the JNK signaling pathway that is required for apoptotic DNA fragmentation. *Molecular Cell*, **2006**, 23, 152-3	17.6	47
116	JNK2 is a positive regulator of the cJun transcription factor. *Molecular Cell*, **2006**, 23, 899-911	17.6	136
115	Specific pathophysiological functions of JNK isoforms in the brain. *European Journal of Neuroscience*, **2005**, 21, 363-77	3.5	189
114	ZPR1 is essential for survival and is required for localization of the survival motor neurons (SMN) protein to Cajal bodies. *Molecular and Cellular Biology*, **2005**, 25, 2744-56	4.8	52
113	JNK1 is essential for CD8+ T cell-mediated tumor immune surveillance. *Journal of Immunology*, **2005**, 175, 5783-9	5.3	32
112	Role of MLK3 in the regulation of mitogen-activated protein kinase signaling cascades. *Molecular and Cellular Biology*, **2005**, 25, 3670-81	4.8	107
111	Role of the JIP4 scaffold protein in the regulation of mitogen-activated protein kinase signaling pathways. *Molecular and Cellular Biology*, **2005**, 25, 2733-43	4.8	134
110	JNK regulates lifespan in Caenorhabditis elegans by modulating nuclear translocation of forkhead transcription factor/DAF-16. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 4494-9	11.5	395

109	Free cholesterol-loaded macrophages are an abundant source of tumor necrosis factor-alpha and interleukin-6: model of NF-kappaB- and map kinase-dependent inflammation in advanced atherosclerosis. *Journal of Biological Chemistry*, **2005**, 280, 21763-72	5.4	328
108	c-Jun N-terminal kinase 3 deficiency protects neurons from axotomy-induced death in vivo through mechanisms independent of c-Jun phosphorylation. *Journal of Biological Chemistry*, **2005**, 280, 1132-41	5.4	34
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