Kun-Liang Guan

List of Publications by Year in Descending Order

259 papers	70,652 citations	119 h-index	265 g-index
266 ext. papers	81,207 ext. citations	14.9 avg, IF	8.18 L-index

#	Paper	IF	Citations
259	Protocols for measuring phosphorylation, subcellular localization, and kinase activity of Hippo pathway components YAP and LATS in cultured cells.. *STAR Protocols*, **2022**, 3, 101102	1.4	
258	Transcriptional repression of estrogen receptor alpha by YAP reveals the Hippo pathway as therapeutic target for ER breast cancer.. *Nature Communications*, **2022**, 13, 1061	17.4	0
257	Itaconate inhibits TET DNA dioxygenases to dampen inflammatory responses.. *Nature Cell Biology*, **2022**,	23.4	4
256	The multifaceted role of autophagy in cancer.. *EMBO Journal*, **2022**, e110031	13	5
255	Co-occurrence of BAP1 and SF3B1 mutations in uveal melanoma induces cellular senescence. *Molecular Oncology*, **2021**,	7.9	1
254	Hippo signalling maintains ER expression and ER breast cancer growth. *Nature*, **2021**, 591, E1-E10	50.4	10
253	YAP plays a crucial role in the development of cardiomyopathy in lysosomal storage diseases. *Journal of Clinical Investigation*, **2021**, 131,	15.9	10
252	The two sides of Hippo pathway in cancer. *Seminars in Cancer Biology*, **2021**,	12.7	7
251	Hippo Signaling in Embryogenesis and Development. *Trends in Biochemical Sciences*, **2021**, 46, 51-63	10.3	28
250	Structural insights into TSC complex assembly and GAP activity on Rheb. *Nature Communications*, **2021**, 12, 339	17.4	9
249	Targeting the Hippo pathway in cancer, fibrosis, wound healing and regenerative medicine. *Nature Reviews Drug Discovery*, **2020**, 19, 480-494	64.1	119
248	YAP/TAZ phase separation for transcription. *Nature Cell Biology*, **2020**, 22, 357-358	23.4	15
247	Critical roles of phosphoinositides and NF2 in Hippo pathway regulation. *Genes and Development*, **2020**, 34, 511-525	12.6	10
246	Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis. *Cell Metabolism*, **2020**, 31, 969-986.e7	24.6	44
245	Induction of AP-1 by YAP/TAZ contributes to cell proliferation and organ growth. *Genes and Development*, **2020**, 34, 72-86	12.6	32
244	TAZ Represses the Neuronal Commitment of Neural Stem Cells. *Cells*, **2020**, 9,	7.9	4
243	Heat stress activates YAP/TAZ to induce the heat shock transcriptome. *Nature Cell Biology*, **2020**, 22, 1447-1459	23.4	19

242	The Zscan4-Tet2 Transcription Nexus Regulates Metabolic Rewiring and Enhances Proteostasis to Promote Reprogramming. *Cell Reports*, **2020**, 32, 107877	10.6	6
241	EIF3H Orchestrates Hippo Pathway-Mediated Oncogenesis via Catalytic Control of YAP Stability. *Cancer Research*, **2020**, 80, 2550-2563	10.1	9
240	Hippo kinase loss contributes to del(20q) hematologic malignancies through chronic innate immune activation. *Blood*, **2019**, 134, 1730-1744	2.2	10
239	YAP and TAZ regulate cell volume. *Journal of Cell Biology*, **2019**, 218, 3472-3488	7.3	16
238	BRCA1/BARD1-dependent ubiquitination of NF2 regulates Hippo-YAP1 signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7363-7370	11.5	10
237	mTORC1 underlies age-related muscle fiber damage and loss by inducing oxidative stress and catabolism. *Aging Cell*, **2019**, 18, e12943	9.9	52
236	SIRT5 deficiency suppresses mitochondrial ATP production and promotes AMPK activation in response to energy stress. *PLoS ONE*, **2019**, 14, e0211796	3.7	21
235	The oncometabolite 2-hydroxyglutarate produced by mutant IDH1 sensitizes cells to ferroptosis. *Cell Death and Disease*, **2019**, 10, 755	9.8	16
234	Amino Acids License Kinase mTORC1 Activity and Treg Cell Function via Small G Proteins Rag and Rheb. *Immunity*, **2019**, 51, 1012-1027.e7	32.3	39
233	Volume Adaptation Controls Stem Cell Mechanotransduction. *ACS Applied Materials & Interfaces*, **2019**, 11, 45520-45530	9.5	32
232	GPCR signaling inhibits mTORC1 via PKA phosphorylation of Raptor. *ELife*, **2019**, 8,	8.9	35
231	STRIPAK integrates upstream signals to initiate the Hippo kinase cascade. *Nature Cell Biology*, **2019**, 21, 1565-1577	23.4	40
230	Rapid diagnosis of IDH1-mutated gliomas by 2-HG detection with gas chromatography mass spectrometry. *Laboratory Investigation*, **2019**, 99, 588-598	5.9	10
229	mTOR as a central hub of nutrient signalling and cell growth. *Nature Cell Biology*, **2019**, 21, 63-71	23.4	412
228	Determining the Phosphorylation Status of Hippo Components YAP and TAZ Using Phos-tag. *Methods in Molecular Biology*, **2019**, 1893, 281-287	1.4	5
227	The Hippo Pathway: Biology and Pathophysiology. *Annual Review of Biochemistry*, **2019**, 88, 577-604	29.1	253
226	OTUB2 Promotes Cancer Metastasis via Hippo-Independent Activation of YAP and TAZ. *Molecular Cell*, **2019**, 73, 7-21.e7	17.6	58
225	Cell type-dependent function of LATS1/2 in cancer cell growth. *Oncogene*, **2019**, 38, 2595-2610	9.2	22

224	Metabolism, Activity, and Targeting of D- and L-2-Hydroxyglutarates. *Trends in Cancer*, **2018**, 4, 151-165	12.5	99
223	Acetylation accumulates PFKFB3 in cytoplasm to promote glycolysis and protects cells from cisplatin-induced apoptosis. *Nature Communications*, **2018**, 9, 508	17.4	73
222	Colonic epithelium rejuvenation through YAP/TAZ. *EMBO Journal*, **2018**, 37, 164-166	13	1
221	Interplay between YAP/TAZ and Metabolism. *Cell Metabolism*, **2018**, 28, 196-206	24.6	137
220	RAP2 mediates mechanoresponses of the Hippo pathway. *Nature*, **2018**, 560, 655-660	50.4	157
219	YAP and MRTF-A, transcriptional co-activators of RhoA-mediated gene expression, are critical for glioblastoma tumorigenicity. *Oncogene*, **2018**, 37, 5492-5507	9.2	35
218	Polycystic kidney disease: a Hippo connection. *Genes and Development*, **2018**, 32, 737-739	12.6	10
217	Deregulation and Therapeutic Potential of the Hippo Pathway in Cancer. *Annual Review of Cancer Biology*, **2018**, 2, 59-79	13.3	13
216	SNIP1 Recruits TET2 to Regulate c-MYC Target Genes and Cellular DNA Damage Response. *Cell Reports*, **2018**, 25, 1485-1500.e4	10.6	31
215	Regulation of the Hippo Pathway by Phosphatidic Acid-Mediated Lipid-Protein Interaction. *Molecular Cell*, **2018**, 72, 328-340.e8	17.6	41
214	Oncogenic R132 IDH1 Mutations Limit NADPH for De Novo Lipogenesis through (D)2-Hydroxyglutarate Production in Fibrosarcoma Sells. *Cell Reports*, **2018**, 25, 1018-1026.e4	10.6	26
213	The Hippo pathway effector proteins YAP and TAZ have both distinct and overlapping functions in the cell. *Journal of Biological Chemistry*, **2018**, 293, 11230-11240	5.4	108
212	MTORC1-mediated NRBF2 phosphorylation functions as a switch for the class III PtdIns3K and autophagy. *Autophagy*, **2017**, 13, 592-607	10.2	48
211	Deficiency Accumulates l-2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. *Molecular and Cellular Biology*, **2017**, 37,	4.8	15
210	YAP-IL-6ST autoregulatory loop activated on APC loss controls colonic tumorigenesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 1643-1648	11.5	61
209	Endothelin Promotes Colorectal Tumorigenesis by Activating YAP/TAZ. *Cancer Research*, **2017**, 77, 2413-2423	10.1	49
208	Hippo signalling governs cytosolic nucleic acid sensing through YAP/TAZ-mediated TBK1 blockade. *Nature Cell Biology*, **2017**, 19, 362-374	23.4	107
207	eIF5A-PEAK1 Signaling Regulates YAP1/TAZ Protein Expression and Pancreatic Cancer Cell Growth. *Cancer Research*, **2017**, 77, 1997-2007	10.1	39

206	Osmotic stress-induced phosphorylation by NLK at Ser128 activates YAP. *EMBO Reports*, **2017**, 18, 72-86	6.5	72
205	Regulation of the Hippo Pathway Transcription Factor TEAD. *Trends in Biochemical Sciences*, **2017**, 42, 862-872	10.3	131
204	CLOCK Acetylates ASS1 to Drive Circadian Rhythm of Ureagenesis. *Molecular Cell*, **2017**, 68, 198-209.e6	17.6	33
203	SIRT7 deacetylates DDB1 and suppresses the activity of the CRL4 E3 ligase complexes. *FEBS Journal*, **2017**, 284, 3619-3636	5.7	10
202	Regulation of Hippo pathway transcription factor TEAD by p38 MAPK-induced cytoplasmic translocation. *Nature Cell Biology*, **2017**, 19, 996-1002	23.4	106
201	Glut3 Addiction Is a Druggable Vulnerability for a Molecularly Defined Subpopulation of Glioblastoma. *Cancer Cell*, **2017**, 32, 856-868.e5	24.3	78
200	DNA-PK facilitates transposition by promoting paired-end complex formation. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 7408-7413	11.5	9
199	The Hippo pathway in organ development, homeostasis, and regeneration. *Current Opinion in Cell Biology*, **2017**, 49, 99-107	9	115
198	Non-radioactive LATS Kinase Assay. *Bio-protocol*, **2017**, 7,	0.9	3
197	SIRT5 promotes IDH2 desuccinylation and G6PD deglutarylation to enhance cellular antioxidant defense. *EMBO Reports*, **2016**, 17, 811-22	6.5	127
196	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
195	Mechanisms of Hippo pathway regulation. *Genes and Development*, **2016**, 30, 1-17	12.6	834
194	Thromboxane A2 Activates YAP/TAZ Protein to Induce Vascular Smooth Muscle Cell Proliferation and Migration. *Journal of Biological Chemistry*, **2016**, 291, 18947-58	5.4	66
193	The Hippo Pathway Kinases LATS1/2 Suppress Cancer Immunity. *Cell*, **2016**, 167, 1525-1539.e17	56.2	214
192	Characterization of Hippo Pathway Components by Gene Inactivation. *Molecular Cell*, **2016**, 64, 993-1008	17.6	142
191	Glycoholics Anonymous: Cancer Sobers Up with mTORC1. *Cancer Cell*, **2016**, 29, 432-434	24.3	2
190	The Hippo pathway in intestinal regeneration and disease. *Nature Reviews Gastroenterology and Hepatology*, **2016**, 13, 324-37	24.2	139
189	Mst1 shuts off cytosolic antiviral defense through IRF3 phosphorylation. *Genes and Development*, **2016**, 30, 1086-100	12.6	50

188	Flow-dependent YAP/TAZ activities regulate endothelial phenotypes and atherosclerosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 11525-11530	11.5	197
187	Destabilization of Fatty Acid Synthase by Acetylation Inhibits De Novo Lipogenesis and Tumor Cell Growth. *Cancer Research*, **2016**, 76, 6924-6936	10.1	48
186	A gp130-Src-YAP module links inflammation to epithelial regeneration. *Nature*, **2015**, 519, 57-62	50.4	387
185	Disease implications of the Hippo/YAP pathway. *Trends in Molecular Medicine*, **2015**, 21, 212-22	11.5	157
184	Opposing roles of conventional and novel PKC isoforms in Hippo-YAP pathway regulation. *Cell Research*, **2015**, 25, 985-8	24.7	34
183	Sestrin2 inhibits mTORC1 through modulation of GATOR complexes. *Scientific Reports*, **2015**, 5, 9502	4.9	103
182	SIRT3-dependent GOT2 acetylation status affects the malate-aspartate NADH shuttle activity and pancreatic tumor growth. *EMBO Journal*, **2015**, 34, 1110-25	13	102
181	A YAP/TAZ-induced feedback mechanism regulates Hippo pathway homeostasis. *Genes and Development*, **2015**, 29, 1271-84	12.6	208
180	Estrogen regulates Hippo signaling via GPER in breast cancer. *Journal of Clinical Investigation*, **2015**, 125, 2123-35	15.9	139
179	mTOR: a pharmacologic target for autophagy regulation. *Journal of Clinical Investigation*, **2015**, 125, 25-32	15.9	897
178	Cellular energy stress induces AMPK-mediated regulation of YAP and the Hippo pathway. *Nature Cell Biology*, **2015**, 17, 500-10	23.4	311
177	The hippo pathway in heart development, regeneration, and diseases. *Circulation Research*, **2015**, 116, 1431-47	15.7	138
176	Hippo Pathway in Organ Size Control, Tissue Homeostasis, and Cancer. *Cell*, **2015**, 163, 811-28	56.2	1185
175	Atg5-independent autophagy regulates mitochondrial clearance and is essential for iPSC reprogramming. *Nature Cell Biology*, **2015**, 17, 1379-87	23.4	118
174	Alternative Wnt Signaling Activates YAP/TAZ. *Cell*, **2015**, 162, 780-94	56.2	393
173	Class III PI3K regulates organismal glucose homeostasis by providing negative feedback on hepatic insulin signalling. *Nature Communications*, **2015**, 6, 8283	17.4	33
172	MAP4K family kinases act in parallel to MST1/2 to activate LATS1/2 in the Hippo pathway. *Nature Communications*, **2015**, 6, 8357	17.4	273
171	AMPK and autophagy in glucose/glycogen metabolism. *Molecular Aspects of Medicine*, **2015**, 46, 46-62	16.7	134

170	The Hippo pathway effectors YAP and TAZ promote cell growth by modulating amino acid signaling to mTORC1. *Cell Research*, **2015**, 25, 1299-313	24.7	115
169	NLK phosphorylates Raptor to mediate stress-induced mTORC1 inhibition. *Genes and Development*, **2015**, 29, 2362-76	12.6	29
168	Hippo pathway regulation of gastrointestinal tissues. *Annual Review of Physiology*, **2015**, 77, 201-27	23.1	82
167	Oncometabolite D-2-Hydroxyglutarate Inhibits ALKBH DNA Repair Enzymes and Sensitizes IDH Mutant Cells to Alkylating Agents. *Cell Reports*, **2015**, 13, 2353-2361	10.6	115
166	PARD3 induces TAZ activation and cell growth by promoting LATS1 and PP1 interaction. *EMBO Reports*, **2015**, 16, 975-85	6.5	33
165	Insulin and mTOR Pathway Regulate HDAC3-Mediated Deacetylation and Activation of PGK1. *PLoS Biology*, **2015**, 13, e1002243	9.7	48
164	Netrin-1 exerts oncogenic activities through enhancing Yes-associated protein stability. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 7255-60	11.5	26
163	YAP and TAZ: a nexus for Hippo signaling and beyond. *Trends in Cell Biology*, **2015**, 25, 499-513	18.3	335
162	YAP inhibition blocks uveal melanogenesis driven by GNAQ or GNA11 mutations. *Molecular and Cellular Oncology*, **2015**, 2, e970957	1.2	15
161	Metabolism. Differential regulation of mTORC1 by leucine and glutamine. *Science*, **2015**, 347, 194-8	33.3	442
160	Micro(RNA) managing by mTORC1. *Molecular Cell*, **2015**, 57, 575-576	17.6	6
159	WT1 recruits TET2 to regulate its target gene expression and suppress leukemia cell proliferation. *Molecular Cell*, **2015**, 57, 662-673	17.6	198
158	The emerging roles of YAP and TAZ in cancer. *Nature Reviews Cancer*, **2015**, 15, 73-79	31.3	705
157	D-2-hydroxyglutarate is essential for maintaining oncogenic property of mutant IDH-containing cancer cells but dispensable for cell growth. *Oncotarget*, **2015**, 6, 8606-20	3.3	42
156	The Hippo signaling pathway in stem cell biology and cancer. *EMBO Reports*, **2014**, 15, 642-56	6.5	400
155	Oxidative stress activates SIRT2 to deacetylate and stimulate phosphoglycerate mutase. *Cancer Research*, **2014**, 74, 3630-42	10.1	101
154	Glyceraldehyde-3-phosphate dehydrogenase is activated by lysine 254 acetylation in response to glucose signal. *Journal of Biological Chemistry*, **2014**, 289, 3775-85	5.4	54
153	Autophagy regulation by nutrient signaling. *Cell Research*, **2014**, 24, 42-57	24.7	478

152	Transcription and processing: multilayer controls of RNA biogenesis by the Hippo pathway. *EMBO Journal*, **2014**, 33, 942-4	13	7
151	Rag GTPases are cardioprotective by regulating lysosomal function. *Nature Communications*, **2014**, 5, 4241	17.4	63
150	Hippo pathway key to ploidy checkpoint. *Cell*, **2014**, 158, 695-696	56.2	3
149	An alternative DNA damage pathway to apoptosis in hematological cancers. *Nature Medicine*, **2014**, 20, 587-8	50.5	5
148	Regulation of G6PD acetylation by SIRT2 and KAT9 modulates NADPH homeostasis and cell survival during oxidative stress. *EMBO Journal*, **2014**, 33, 1304-20	13	161
147	Mutant Gq/11 promote uveal melanoma tumorigenesis by activating YAP. *Cancer Cell*, **2014**, 25, 822-30	24.3	307
146	mTORC1 promotes denervation-induced muscle atrophy through a mechanism involving the activation of FoxO and E3 ubiquitin ligases. *Science Signaling*, **2014**, 7, ra18	8.8	75
145	Sestrins inhibit mTORC1 kinase activation through the GATOR complex. *Cell Reports*, **2014**, 9, 1281-91	10.6	223
144	Both decreased and increased SRPK1 levels promote cancer by interfering with PHLPP-mediated dephosphorylation of Akt. *Molecular Cell*, **2014**, 54, 378-91	17.6	79
143	YAP as oncotarget in uveal melanoma. *Oncoscience*, **2014**, 1, 480-1	0.8	13
142	Rag GTPases **2014**, 277-292		
141	LATS2 suppresses oncogenic Wnt signaling by disrupting βcatenin/BCL9 interaction. *Cell Reports*, **2013**, 5, 1650-63	10.6	52
140	Regulation of the Hippo pathway and implications for anticancer drug development. *Trends in Pharmacological Sciences*, **2013**, 34, 581-9	13.2	91
139	Regulation of PIK3C3/VPS34 complexes by MTOR in nutrient stress-induced autophagy. *Autophagy*, **2013**, 9, 1983-95	10.2	181
138	Acetylation stabilizes ATP-citrate lyase to promote lipid biosynthesis and tumor growth. *Molecular Cell*, **2013**, 51, 506-518	17.6	217
137	Phosphorylation of angiomotin by Lats1/2 kinases inhibits F-actin binding, cell migration, and angiogenesis. *Journal of Biological Chemistry*, **2013**, 288, 34041-34051	5.4	114
136	Differential regulation of distinct Vps34 complexes by AMPK in nutrient stress and autophagy. *Cell*, **2013**, 152, 290-303	56.2	526
135	Mitogenic and oncogenic stimulation of K433 acetylation promotes PKM2 protein kinase activity and nuclear localization. *Molecular Cell*, **2013**, 52, 340-52	17.6	183

134	Amino acid signalling upstream of mTOR. *Nature Reviews Molecular Cell Biology*, **2013**, 14, 133-9	48.7	594
133	The Hippo pathway: regulators and regulations. *Genes and Development*, **2013**, 27, 355-71	12.6	818
132	R-2-hydroxyglutarate as the key effector of IDH mutations promoting oncogenesis. *Cancer Cell*, **2013**, 23, 274-6	24.3	57
131	Nutrient signaling to mTOR and cell growth. *Trends in Biochemical Sciences*, **2013**, 38, 233-42	10.3	265
130	Lysine-5 acetylation negatively regulates lactate dehydrogenase A and is decreased in pancreatic cancer. *Cancer Cell*, **2013**, 23, 464-76	24.3	202
129	Regulation of YAP and TAZ Transcription Co-activators **2013**, 71-87		1
128	Nutrient sensing, metabolism, and cell growth control. *Molecular Cell*, **2013**, 49, 379-87	17.6	228
127	ULK1 induces autophagy by phosphorylating Beclin-1 and activating VPS34 lipid kinase. *Nature Cell Biology*, **2013**, 15, 741-50	23.4	1009
126	Defects of Vps15 in skeletal muscles lead to autophagic vacuolar myopathy and lysosomal disease. *EMBO Molecular Medicine*, **2013**, 5, 870-90	12	75
125	Microtubule-associated protein/microtubule affinity-regulating kinase 4 (MARK4) is a negative regulator of the mammalian target of rapamycin complex 1 (mTORC1). *Journal of Biological Chemistry*, **2013**, 288, 703-8	5.4	46
124	Protein kinase A activates the Hippo pathway to modulate cell proliferation and differentiation. *Genes and Development*, **2013**, 27, 1223-32	12.6	219
123	Organ size control by Hippo and TOR pathways. *Current Biology*, **2012**, 22, R368-79	6.3	128
122	Temporal changes in PTEN and mTORC2 regulation of hematopoietic stem cell self-renewal and leukemia suppression. *Cell Stem Cell*, **2012**, 11, 415-28	18	147
121	Regulation of the Hippo-YAP pathway by G-protein-coupled receptor signaling. *Cell*, **2012**, 150, 780-91	56.2	1028
120	IDH1 and IDH2 mutations in tumorigenesis: mechanistic insights and clinical perspectives. *Clinical Cancer Research*, **2012**, 18, 5562-71	12.9	254
119	Mechanistic insights into the regulation of metabolic enzymes by acetylation. *Journal of Cell Biology*, **2012**, 198, 155-64	7.3	168
118	Alterations of metabolic genes and metabolites in cancer. *Seminars in Cell and Developmental Biology*, **2012**, 23, 370-80	7.5	84
117	Acetylation negatively regulates glycogen phosphorylase by recruiting protein phosphatase 1. *Cell Metabolism*, **2012**, 15, 75-87	24.6	81

116	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	16.2	2783
115	The YAP and TAZ transcription co-activators: key downstream effectors of the mammalian Hippo pathway. *Seminars in Cell and Developmental Biology*, **2012**, 23, 785-93	7.5	321
114	YAP mediates crosstalk between the Hippo and PI(3)K–TOR pathways by suppressing PTEN via miR-29. *Nature Cell Biology*, **2012**, 14, 1322-9	23.4	338
113	AMPK and mTOR in cellular energy homeostasis and drug targets. *Annual Review of Pharmacology and Toxicology*, **2012**, 52, 381-400	17.9	536
112	The mechanisms of IDH mutations in tumorigenesis. *Cell Research*, **2012**, 22, 1102-4	24.7	26
111	Inhibition of αKG-dependent histone and DNA demethylases by fumarate and succinate that are accumulated in mutations of FH and SDH tumor suppressors. *Genes and Development*, **2012**, 26, 1326-38	12.6	641
110	The Vam6 and Gtr1-Gtr2 pathway activates TORC1 in response to amino acids in fission yeast. *Journal of Cell Science*, **2012**, 125, 1920-8	5.3	45
109	A critical role for Rictor in T lymphopoiesis. *Journal of Immunology*, **2012**, 189, 1850-7	5.3	31
108	Down syndrome cell adhesion molecule (DSCAM) associates with uncoordinated-5C (UNC5C) in netrin-1-mediated growth cone collapse. *Journal of Biological Chemistry*, **2012**, 287, 27126-38	5.4	42
107	Regulation of the Hippo-YAP pathway by protease-activated receptors (PARs). *Genes and Development*, **2012**, 26, 2138-43	12.6	210
106	Cell detachment activates the Hippo pathway via cytoskeleton reorganization to induce anoikis. *Genes and Development*, **2012**, 26, 54-68	12.6	522
105	The N-terminal phosphodegron targets TAZ/WWTR1 protein for SCFβTrCP-dependent degradation in response to phosphatidylinositol 3-kinase inhibition. *Journal of Biological Chemistry*, **2012**, 287, 26245-53	5.4	114
104	The Hippo pathway in organ size control, tissue regeneration and stem cell self-renewal. *Nature Cell Biology*, **2011**, 13, 877-83	23.4	833
103	Amino acid signaling in TOR activation. *Annual Review of Biochemistry*, **2011**, 80, 1001-32	29.1	176
102	Sirt3 promotes the urea cycle and fatty acid oxidation during dietary restriction. *Molecular Cell*, **2011**, 41, 139-49	17.6	301
101	Acetylation targets the M2 isoform of pyruvate kinase for degradation through chaperone-mediated autophagy and promotes tumor growth. *Molecular Cell*, **2011**, 42, 719-30	17.6	404
100	Acetylation regulates gluconeogenesis by promoting PEPCK1 degradation via recruiting the UBR5 ubiquitin ligase. *Molecular Cell*, **2011**, 43, 33-44	17.6	273
99	mTORC1 activation in podocytes is a critical step in the development of diabetic nephropathy in mice. *Journal of Clinical Investigation*, **2011**, 121, 2181-96	15.9	383

98	AMPK and mTOR regulate autophagy through direct phosphorylation of Ulk1. *Nature Cell Biology*, **2011**, 13, 132-41	23.4	4181
97	Inactivation of Rheb by PRAK-mediated phosphorylation is essential for energy-depletion-induced suppression of mTORC1. *Nature Cell Biology*, **2011**, 13, 263-72	23.4	102
96	Tumour suppressor SIRT3 deacetylates and activates manganese superoxide dismutase to scavenge ROS. *EMBO Reports*, **2011**, 12, 534-41	6.5	387
95	Regulation of intermediary metabolism by protein acetylation. *Trends in Biochemical Sciences*, **2011**, 36, 108-16	10.3	272
94	Oncometabolite 2-hydroxyglutarate is a competitive inhibitor of α-ketoglutarate-dependent dioxygenases. *Cancer Cell*, **2011**, 19, 17-30	24.3	1919
93	An emerging role for TOR signaling in mammalian tissue and stem cell physiology. *Development (Cambridge)*, **2011**, 138, 3343-56	6.6	102
92	IkappaB kinase epsilon and TANK-binding kinase 1 activate AKT by direct phosphorylation. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 6474-9	11.5	168
91	Angiomotin is a novel Hippo pathway component that inhibits YAP oncoprotein. *Genes and Development*, **2011**, 25, 51-63	12.6	474
90	The tuberous sclerosis complex-mammalian target of rapamycin pathway maintains the quiescence and survival of naive T cells. *Journal of Immunology*, **2011**, 187, 1106-12	5.3	61
89	PP1 cooperates with ASPP2 to dephosphorylate and activate TAZ. *Journal of Biological Chemistry*, **2011**, 286, 5558-66	5.4	102
88	Redox regulates mammalian target of rapamycin complex 1 (mTORC1) activity by modulating the TSC1/TSC2-Rheb GTPase pathway. *Journal of Biological Chemistry*, **2011**, 286, 32651-60	5.4	103
87	Crystal structure of the Gtr1p-Gtr2p complex reveals new insights into the amino acid-induced TORC1 activation. *Genes and Development*, **2011**, 25, 1668-73	12.6	72
86	The autophagy initiating kinase ULK1 is regulated via opposing phosphorylation by AMPK and mTOR. *Autophagy*, **2011**, 7, 643-4	10.2	405
85	Generation of acetyllysine antibodies and affinity enrichment of acetylated peptides. *Nature Protocols*, **2010**, 5, 1583-95	18.8	78
84	Regulation of Integrin β1 recycling to lipid rafts by Rab1a to promote cell migration. *Journal of Biological Chemistry*, **2010**, 285, 29398-405	5.4	68
83	Hippo signaling at a glance. *Journal of Cell Science*, **2010**, 123, 4001-6	5.3	95
82	The hippo tumor pathway promotes TAZ degradation by phosphorylating a phosphodegron and recruiting the SCF{beta}-TrCP E3 ligase. *Journal of Biological Chemistry*, **2010**, 285, 37159-69	5.4	342
81	Regulation of mTORC1 by the Rab and Arf GTPases. *Journal of Biological Chemistry*, **2010**, 285, 19705-9	5.4	103

80	The role of YAP transcription coactivator in regulating stem cell self-renewal and differentiation. *Genes and Development*, **2010**, 24, 1106-18	12.6	512
79	Structural insights into the YAP and TEAD complex. *Genes and Development*, **2010**, 24, 235-40	12.6	237
78	The Hippo-YAP pathway in organ size control and tumorigenesis: an updated version. *Genes and Development*, **2010**, 24, 862-74	12.6	781
77	A coordinated phosphorylation by Lats and CK1 regulates YAP stability through SCF(beta-TRCP). *Genes and Development*, **2010**, 24, 72-85	12.6	849
76	ATM signals to TSC2 in the cytoplasm to regulate mTORC1 in response to ROS. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 4153-8	11.5	532
75	IDH1 mutant structures reveal a mechanism of dominant inhibition. *Cell Research*, **2010**, 20, 1279-81	24.7	22
74	Regulation of cellular metabolism by protein lysine acetylation. *Science*, **2010**, 327, 1000-4	33.3	1394
73	Rag GTPases in TORC1 Activation and Nutrient Signaling. *The Enzymes*, **2010**, 27, 75-87	2.3	
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