

Kun Liang Guan

List of Publications by Year in Descending Order

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Version: 2024-04-20

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

175
papers

47,845
citations

80
h-index

192
g-index

192
ext. papers

56,118
ext. citations

15.8
avg, IF

7.82
L-index

#	Paper	IF	Citations
175	Protocols for measuring phosphorylation, subcellular localization, and kinase activity of Hippo pathway components YAP and LATS in cultured cells.. <i>STAR Protocols</i> , 2022 , 3, 101102	1.4	
174	Transcriptional repression of estrogen receptor alpha by YAP reveals the Hippo pathway as therapeutic target for ER breast cancer.. <i>Nature Communications</i> , 2022 , 13, 1061	17.4	0
173	Itaconate inhibits TET DNA dioxygenases to dampen inflammatory responses.. <i>Nature Cell Biology</i> , 2022 ,	23.4	4
172	The multifaceted role of autophagy in cancer.. <i>EMBO Journal</i> , 2022 , e110031	13	5
171	Co-occurrence of BAP1 and SF3B1 mutations in uveal melanoma induces cellular senescence. <i>Molecular Oncology</i> , 2021 ,	7.9	1
170	Tumor-derived neomorphic mutations in ASXL1 impairs the BAP1-ASXL1-FOXK1/K2 transcription network. <i>Protein and Cell</i> , 2021 , 12, 557-577	7.2	7
169	Hippo signalling maintains ER expression and ER breast cancer growth. <i>Nature</i> , 2021 , 591, E1-E10	50.4	10
168	YAP plays a crucial role in the development of cardiomyopathy in lysosomal storage diseases. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	10
167	Small Molecule Inhibitors of TEAD Auto-palmitoylation Selectively Inhibit Proliferation and Tumor Growth of -deficient Mesothelioma. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 986-998	6.1	18
166	The two sides of Hippo pathway in cancer. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	7
165	Hippo Signaling in Embryogenesis and Development. <i>Trends in Biochemical Sciences</i> , 2021 , 46, 51-63	10.3	28
164	Genome-wide CRISPR-Cas9 screen identified KLF11 as a druggable suppressor for sarcoma cancer stem cells. <i>Science Advances</i> , 2021 , 7,	14.3	7
163	Structural insights into TSC complex assembly and GAP activity on Rheb. <i>Nature Communications</i> , 2021 , 12, 339	17.4	9
162	Metabolic Reprogramming via Deletion of CISH in Human iPSC-Derived NK Cells Promotes In Vivo Persistence and Enhances Anti-tumor Activity. <i>Cell Stem Cell</i> , 2020 , 27, 224-237.e6	18	71
161	Targeting the Hippo pathway in cancer, fibrosis, wound healing and regenerative medicine. <i>Nature Reviews Drug Discovery</i> , 2020 , 19, 480-494	64.1	119
160	Targeting ferroptosis alleviates methionine-choline deficient (MCD)-diet induced NASH by suppressing liver lipotoxicity. <i>Liver International</i> , 2020 , 40, 1378-1394	7.9	36
159	YAP/TAZ phase separation for transcription. <i>Nature Cell Biology</i> , 2020 , 22, 357-358	23.4	15

158	Critical roles of phosphoinositides and NF2 in Hippo pathway regulation. <i>Genes and Development</i> , 2020 , 34, 511-525	12.6	10
157	Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis. <i>Cell Metabolism</i> , 2020 , 31, 969-986.e7	24.6	44
156	Tales from the Cryptkeeper: New Roles for Lats1/2 in Wnt-driven Homeostasis. <i>Cell Stem Cell</i> , 2020 , 26, 612-614	18	1
155	Induction of AP-1 by YAP/TAZ contributes to cell proliferation and organ growth. <i>Genes and Development</i> , 2020 , 34, 72-86	12.6	32
154	TAZ Represses the Neuronal Commitment of Neural Stem Cells. <i>Cells</i> , 2020 , 9,	7.9	4
153	Heat stress activates YAP/TAZ to induce the heat shock transcriptome. <i>Nature Cell Biology</i> , 2020 , 22, 1447-1459	23.4	19
152	The Zscan4-Tet2 Transcription Nexus Regulates Metabolic Rewiring and Enhances Proteostasis to Promote Reprogramming. <i>Cell Reports</i> , 2020 , 32, 107877	10.6	6
151	A WW Tandem-Mediated Dimerization Mode of SAV1 Essential for Hippo Signaling. <i>Cell Reports</i> , 2020 , 32, 108118	10.6	3
150	EIF3H Orchestrates Hippo Pathway-Mediated Oncogenesis via Catalytic Control of YAP Stability. <i>Cancer Research</i> , 2020 , 80, 2550-2563	10.1	9
149	YAP and TAZ regulate cell volume. <i>Journal of Cell Biology</i> , 2019 , 218, 3472-3488	7.3	16
148	A special issue to mark the 90th Anniversary of College of Life Sciences, Zhejiang University. <i>Journal of Zhejiang University: Science B</i> , 2019 , 20, 371-372	4.5	
147	BRCA1/BARD1-dependent ubiquitination of NF2 regulates Hippo-YAP1 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7363-7370	11.5	10
146	mTORC1 underlies age-related muscle fiber damage and loss by inducing oxidative stress and catabolism. <i>Aging Cell</i> , 2019 , 18, e12943	9.9	52
145	SIRT5 deficiency suppresses mitochondrial ATP production and promotes AMPK activation in response to energy stress. <i>PLoS ONE</i> , 2019 , 14, e0211796	3.7	21
144	The oncometabolite 2-hydroxyglutarate produced by mutant IDH1 sensitizes cells to ferroptosis. <i>Cell Death and Disease</i> , 2019 , 10, 755	9.8	16
143	Amino Acids License Kinase mTORC1 Activity and Treg Cell Function via Small G Proteins Rag and Rheb. <i>Immunity</i> , 2019 , 51, 1012-1027.e7	32.3	39
142	Volume Adaptation Controls Stem Cell Mechanotransduction. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 45520-45530	9.5	32
141	GPCR signaling inhibits mTORC1 via PKA phosphorylation of Raptor. <i>ELife</i> , 2019 , 8,	8.9	35

140	Decoding WW domain tandem-mediated target recognitions in tissue growth and cell polarity. <i>ELife</i> , 2019 , 8,	8.9	14
139	ELP3 Acetyltransferase is phosphorylated and regulated by the oncogenic anaplastic lymphoma kinase (ALK). <i>Biochemical Journal</i> , 2019 , 476, 2239-2254	3.8	5
138	STRIPAK integrates upstream signals to initiate the Hippo kinase cascade. <i>Nature Cell Biology</i> , 2019 , 21, 1565-1577	23.4	40
137	Rapid diagnosis of IDH1-mutated gliomas by 2-HG detection with gas chromatography mass spectrometry. <i>Laboratory Investigation</i> , 2019 , 99, 588-598	5.9	10
136	mTOR as a central hub of nutrient signalling and cell growth. <i>Nature Cell Biology</i> , 2019 , 21, 63-71	23.4	412
135	Determining the Phosphorylation Status of Hippo Components YAP and TAZ Using Phos-tag. <i>Methods in Molecular Biology</i> , 2019 , 1893, 281-287	1.4	5
134	The Hippo Pathway: Biology and Pathophysiology. <i>Annual Review of Biochemistry</i> , 2019 , 88, 577-604	29.1	253
133	OTUB2 Promotes Cancer Metastasis via Hippo-Independent Activation of YAP and TAZ. <i>Molecular Cell</i> , 2019 , 73, 7-21.e7	17.6	58
132	Cell type-dependent function of LATS1/2 in cancer cell growth. <i>Oncogene</i> , 2019 , 38, 2595-2610	9.2	22
131	SIRT5 inhibits peroxisomal ACOX1 to prevent oxidative damage and is downregulated in liver cancer. <i>EMBO Reports</i> , 2018 , 19,	6.5	92
130	Metabolism, Activity, and Targeting of D- and L-2-Hydroxyglutarates. <i>Trends in Cancer</i> , 2018 , 4, 151-165	12.5	99
129	Acetylation accumulates PFKFB3 in cytoplasm to promote glycolysis and protects cells from cisplatin-induced apoptosis. <i>Nature Communications</i> , 2018 , 9, 508	17.4	73
128	Colonic epithelium rejuvenation through YAP/TAZ. <i>EMBO Journal</i> , 2018 , 37, 164-166	13	1
127	Metabolic reprogramming by PCK1 promotes TCA cataplerosis, oxidative stress and apoptosis in liver cancer cells and suppresses hepatocellular carcinoma. <i>Oncogene</i> , 2018 , 37, 1637-1653	9.2	63
126	A LATS biosensor screen identifies VEGFR as a regulator of the Hippo pathway in angiogenesis. <i>Nature Communications</i> , 2018 , 9, 1061	17.4	84
125	Interplay between YAP/TAZ and Metabolism. <i>Cell Metabolism</i> , 2018 , 28, 196-206	24.6	137
124	Assembly and activation of the Hippo signalome by FAT1 tumor suppressor. <i>Nature Communications</i> , 2018 , 9, 2372	17.4	62
123	Opposing Tumor-Promoting and -Suppressive Functions of Rictor/mTORC2 Signaling in Adult Glioma and Pediatric SHH Medulloblastoma. <i>Cell Reports</i> , 2018 , 24, 463-478.e5	10.6	11

122	RAP2 mediates mechanoresponses of the Hippo pathway. <i>Nature</i> , 2018 , 560, 655-660	50.4	157
121	YAP and MRTF-A, transcriptional co-activators of RhoA-mediated gene expression, are critical for glioblastoma tumorigenicity. <i>Oncogene</i> , 2018 , 37, 5492-5507	9.2	35
120	Claudin-18-mediated YAP activity regulates lung stem and progenitor cell homeostasis and tumorigenesis. <i>Journal of Clinical Investigation</i> , 2018 , 128, 970-984	15.9	81
119	Notch Activation Rescues Exhaustion in CISH-Deleted Human iPSC-Derived Natural Killer Cells to Promote In Vivo Persistence and Enhance Anti-Tumor Activity. <i>Blood</i> , 2018 , 132, 1279-1279	2.2	3
118	Hippo pathway in nutrient response and cell growth. <i>FASEB Journal</i> , 2018 , 32, 379.1	0.9	
117	Polycystic kidney disease: a Hippo connection. <i>Genes and Development</i> , 2018 , 32, 737-739	12.6	10
116	Deregulation and Therapeutic Potential of the Hippo Pathway in Cancer. <i>Annual Review of Cancer Biology</i> , 2018 , 2, 59-79	13.3	13
115	SNIP1 Recruits TET2 to Regulate c-MYC Target Genes and Cellular DNA Damage Response. <i>Cell Reports</i> , 2018 , 25, 1485-1500.e4	10.6	31
114	Regulation of the Hippo Pathway by Phosphatidic Acid-Mediated Lipid-Protein Interaction. <i>Molecular Cell</i> , 2018 , 72, 328-340.e8	17.6	41
113	Oncogenic R132 IDH1 Mutations Limit NADPH for De Novo Lipogenesis through (D)2-Hydroxyglutarate Production in Fibrosarcoma Sells. <i>Cell Reports</i> , 2018 , 25, 1018-1026.e4	10.6	26
112	The Hippo pathway effector proteins YAP and TAZ have both distinct and overlapping functions in the cell. <i>Journal of Biological Chemistry</i> , 2018 , 293, 11230-11240	5.4	108
111	MTORC1-mediated NRBF2 phosphorylation functions as a switch for the class III PtdIns3K and autophagy. <i>Autophagy</i> , 2017 , 13, 592-607	10.2	48
110	Deficiency Accumulates l-2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	15
109	YAP-IL-6ST autoregulatory loop activated on APC loss controls colonic tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 1643-1648	11.5	61
108	Endothelin Promotes Colorectal Tumorigenesis by Activating YAP/TAZ. <i>Cancer Research</i> , 2017 , 77, 2413-2423	24.23	49
107	A tiling-deletion-based genetic screen for cis-regulatory element identification in mammalian cells. <i>Nature Methods</i> , 2017 , 14, 629-635	21.6	144
106	mTORC2 Regulates Amino Acid Metabolism in Cancer by Phosphorylation of the Cystine-Glutamate Antiporter xCT. <i>Molecular Cell</i> , 2017 , 67, 128-138.e7	17.6	99
105	Hippo signalling governs cytosolic nucleic acid sensing through YAP/TAZ-mediated TBK1 blockade. <i>Nature Cell Biology</i> , 2017 , 19, 362-374	23.4	107

104	Osmotic stress-induced phosphorylation by NLK at Ser128 activates YAP. <i>EMBO Reports</i> , 2017 , 18, 72-866.5		72
103	Regulation of the Hippo Pathway Transcription Factor TEAD. <i>Trends in Biochemical Sciences</i> , 2017 , 42, 862-872	10.3	131
102	CLOCK Acetylates ASS1 to Drive Circadian Rhythm of Ureagenesis. <i>Molecular Cell</i> , 2017 , 68, 198-209.e6	17.6	33
101	SIRT7 deacetylates DDB1 and suppresses the activity of the CRL4 E3 ligase complexes. <i>FEBS Journal</i> , 2017 , 284, 3619-3636	5.7	10
100	Regulation of Hippo pathway transcription factor TEAD by p38 MAPK-induced cytoplasmic translocation. <i>Nature Cell Biology</i> , 2017 , 19, 996-1002	23.4	106
99	Glut3 Addiction Is a Druggable Vulnerability for a Molecularly Defined Subpopulation of Glioblastoma. <i>Cancer Cell</i> , 2017 , 32, 856-868.e5	24.3	78
98	The Hippo pathway in organ development, homeostasis, and regeneration. <i>Current Opinion in Cell Biology</i> , 2017 , 49, 99-107	9	115
97	Non-radioactive LATS Kinase Assay. <i>Bio-protocol</i> , 2017 , 7,	0.9	3
96	Hypertension-associated C825T polymorphism impairs the function of Gβ to target GRK2 ubiquitination. <i>Cell Discovery</i> , 2016 , 2, 16005	22.3	9
95	SIRT5 promotes IDH2 desuccinylation and G6PD deglutarylation to enhance cellular antioxidant defense. <i>EMBO Reports</i> , 2016 , 17, 811-22	6.5	127
94	A new class of temporarily phenotypic enhancers identified by CRISPR/Cas9-mediated genetic screening. <i>Genome Research</i> , 2016 , 26, 397-405	9.7	86
93	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
92	Structural insights of mTOR complex 1. <i>Cell Research</i> , 2016 , 26, 267-8	24.7	23
91	Mechanisms of Hippo pathway regulation. <i>Genes and Development</i> , 2016 , 30, 1-17	12.6	834
90	RUNX1-ETO-Dependent Transcriptional Repression of RASSF2 Contributes to t(8;21) Leukemia through Evasion of MST1-Driven Apoptosis Signaling. <i>Blood</i> , 2016 , 128, 1547-1547	2.2	
89	Thromboxane A2 Activates YAP/TAZ Protein to Induce Vascular Smooth Muscle Cell Proliferation and Migration. <i>Journal of Biological Chemistry</i> , 2016 , 291, 18947-58	5.4	66
88	The Hippo Pathway Kinases LATS1/2 Suppress Cancer Immunity. <i>Cell</i> , 2016 , 167, 1525-1539.e17	56.2	214
87	Characterization of Hippo Pathway Components by Gene Inactivation. <i>Molecular Cell</i> , 2016 , 64, 993-1008.e7.6	17.6	142

86	Glycolitics Anonymous: Cancer Sobers Up with mTORC1. <i>Cancer Cell</i> , 2016 , 29, 432-434	24.3	2
85	The Hippo pathway in intestinal regeneration and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2016 , 13, 324-37	24.2	139
84	Mst1 shuts off cytosolic antiviral defense through IRF3 phosphorylation. <i>Genes and Development</i> , 2016 , 30, 1086-100	12.6	50
83	Flow-dependent YAP/TAZ activities regulate endothelial phenotypes and atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11525-11530	11.5	197
82	Destabilization of Fatty Acid Synthase by Acetylation Inhibits De Novo Lipogenesis and Tumor Cell Growth. <i>Cancer Research</i> , 2016 , 76, 6924-6936	10.1	48
81	A gp130-Src-YAP module links inflammation to epithelial regeneration. <i>Nature</i> , 2015 , 519, 57-62	50.4	387
80	Disease implications of the Hippo/YAP pathway. <i>Trends in Molecular Medicine</i> , 2015 , 21, 212-22	11.5	157
79	Opposing roles of conventional and novel PKC isoforms in Hippo-YAP pathway regulation. <i>Cell Research</i> , 2015 , 25, 985-8	24.7	34
78	Sestrin2 inhibits mTORC1 through modulation of GATOR complexes. <i>Scientific Reports</i> , 2015 , 5, 9502	4.9	103
77	SIRT3-dependent GOT2 acetylation status affects the malate-aspartate NADH shuttle activity and pancreatic tumor growth. <i>EMBO Journal</i> , 2015 , 34, 1110-25	13	102
76	A YAP/TAZ-induced feedback mechanism regulates Hippo pathway homeostasis. <i>Genes and Development</i> , 2015 , 29, 1271-84	12.6	208
75	A Non-Canonical Function of Gβs a Subunit of E3 Ligase in Targeting GRK2 Ubiquitylation. <i>Molecular Cell</i> , 2015 , 58, 794-803	17.6	23
74	Cellular energy stress induces AMPK-mediated regulation of YAP and the Hippo pathway. <i>Nature Cell Biology</i> , 2015 , 17, 500-10	23.4	311
73	The hippo pathway in heart development, regeneration, and diseases. <i>Circulation Research</i> , 2015 , 116, 1431-47	15.7	138
72	Hippo Pathway in Organ Size Control, Tissue Homeostasis, and Cancer. <i>Cell</i> , 2015 , 163, 811-28	56.2	1185
71	Atg5-independent autophagy regulates mitochondrial clearance and is essential for iPSC reprogramming. <i>Nature Cell Biology</i> , 2015 , 17, 1379-87	23.4	118
70	Alternative Wnt Signaling Activates YAP/TAZ. <i>Cell</i> , 2015 , 162, 780-94	56.2	393
69	Class III PI3K regulates organismal glucose homeostasis by providing negative feedback on hepatic insulin signalling. <i>Nature Communications</i> , 2015 , 6, 8283	17.4	33

68	MAP4K family kinases act in parallel to MST1/2 to activate LATS1/2 in the Hippo pathway. <i>Nature Communications</i> , 2015 , 6, 8357	17.4	273
67	AMPK and autophagy in glucose/glycogen metabolism. <i>Molecular Aspects of Medicine</i> , 2015 , 46, 46-62	16.7	134
66	The Hippo pathway effectors YAP and TAZ promote cell growth by modulating amino acid signaling to mTORC1. <i>Cell Research</i> , 2015 , 25, 1299-313	24.7	115
65	NLK phosphorylates Raptor to mediate stress-induced mTORC1 inhibition. <i>Genes and Development</i> , 2015 , 29, 2362-76	12.6	29
64	Oncometabolite D-2-Hydroxyglutarate Inhibits ALKBH DNA Repair Enzymes and Sensitizes IDH Mutant Cells to Alkylating Agents. <i>Cell Reports</i> , 2015 , 13, 2353-2361	10.6	115
63	PARD3 induces TAZ activation and cell growth by promoting LATS1 and PP1 interaction. <i>EMBO Reports</i> , 2015 , 16, 975-85	6.5	33
62	Insulin and mTOR Pathway Regulate HDAC3-Mediated Deacetylation and Activation of PGK1. <i>PLoS Biology</i> , 2015 , 13, e1002243	9.7	48
61	Netrin-1 exerts oncogenic activities through enhancing Yes-associated protein stability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7255-60	11.5	26
60	YAP and TAZ: a nexus for Hippo signaling and beyond. <i>Trends in Cell Biology</i> , 2015 , 25, 499-513	18.3	335
59	YAP inhibition blocks uveal melanogenesis driven by GNAQ or GNA11 mutations. <i>Molecular and Cellular Oncology</i> , 2015 , 2, e970957	1.2	15
58	Metabolism. Differential regulation of mTORC1 by leucine and glutamine. <i>Science</i> , 2015 , 347, 194-8	33.3	442
57	Micro(RNA) managing by mTORC1. <i>Molecular Cell</i> , 2015 , 57, 575-576	17.6	6
56	WT1 recruits TET2 to regulate its target gene expression and suppress leukemia cell proliferation. <i>Molecular Cell</i> , 2015 , 57, 662-673	17.6	198
55	The emerging roles of YAP and TAZ in cancer. <i>Nature Reviews Cancer</i> , 2015 , 15, 73-79	31.3	705
54	D-2-hydroxyglutarate is essential for maintaining oncogenic property of mutant IDH-containing cancer cells but dispensable for cell growth. <i>Oncotarget</i> , 2015 , 6, 8606-20	3.3	42
53	The Hippo signaling pathway in stem cell biology and cancer. <i>EMBO Reports</i> , 2014 , 15, 642-56	6.5	400
52	Oxidative stress activates SIRT2 to deacetylate and stimulate phosphoglycerate mutase. <i>Cancer Research</i> , 2014 , 74, 3630-42	10.1	101
51	Autophagy regulation by nutrient signaling. <i>Cell Research</i> , 2014 , 24, 42-57	24.7	478

50	Rag GTPases are cardioprotective by regulating lysosomal function. <i>Nature Communications</i> , 2014 , 5, 4241	17.4	63
49	Hippo pathway key to ploidy checkpoint. <i>Cell</i> , 2014 , 158, 695-696	56.2	3
48	YAP inhibits squamous transdifferentiation of Lkb1-deficient lung adenocarcinoma through ZEB2-dependent DNp63 repression. <i>Nature Communications</i> , 2014 , 5, 4629	17.4	75
47	An alternative DNA damage pathway to apoptosis in hematological cancers. <i>Nature Medicine</i> , 2014 , 20, 587-8	50.5	5
46	Regulation of G6PD acetylation by SIRT2 and KAT9 modulates NADPH homeostasis and cell survival during oxidative stress. <i>EMBO Journal</i> , 2014 , 33, 1304-20	13	161
45	Mutant Gq/11 promote uveal melanoma tumorigenesis by activating YAP. <i>Cancer Cell</i> , 2014 , 25, 822-30	24.3	307
44	Sestrins inhibit mTORC1 kinase activation through the GATOR complex. <i>Cell Reports</i> , 2014 , 9, 1281-91	10.6	223
43	TET-catalyzed 5-methylcytosine hydroxylation is dynamically regulated by metabolites. <i>Cell Research</i> , 2014 , 24, 1017-20	24.7	42
42	Both decreased and increased SRPK1 levels promote cancer by interfering with PHLPP-mediated dephosphorylation of Akt. <i>Molecular Cell</i> , 2014 , 54, 378-91	17.6	79
41	YAP as oncotarget in uveal melanoma. <i>Oncoscience</i> , 2014 , 1, 480-1	0.8	13
40	LATS2 suppresses oncogenic Wnt signaling by disrupting β -catenin/BCL9 interaction. <i>Cell Reports</i> , 2013 , 5, 1650-63	10.6	52
39	Regulation of PIK3C3/VPS34 complexes by MTOR in nutrient stress-induced autophagy. <i>Autophagy</i> , 2013 , 9, 1983-95	10.2	181
38	Acetylation stabilizes ATP-citrate lyase to promote lipid biosynthesis and tumor growth. <i>Molecular Cell</i> , 2013 , 51, 506-518	17.6	217
37	Phosphorylation of angiominin by Lats1/2 kinases inhibits F-actin binding, cell migration, and angiogenesis. <i>Journal of Biological Chemistry</i> , 2013 , 288, 34041-34051	5.4	114
36	Differential regulation of distinct Vps34 complexes by AMPK in nutrient stress and autophagy. <i>Cell</i> , 2013 , 152, 290-303	56.2	526
35	The Hippo pathway: regulators and regulations. <i>Genes and Development</i> , 2013 , 27, 355-71	12.6	818
34	Nutrient signaling to mTOR and cell growth. <i>Trends in Biochemical Sciences</i> , 2013 , 38, 233-42	10.3	265
33	AMPK and mTOR in nutrient signaling and autophagy regulation. <i>FASEB Journal</i> , 2013 , 27, 99.1	0.9	

32	c-Jun N-Terminal Kinase 1 (JNK1) Is Required for Coordination of Netrin Signaling in Axon Guidance. <i>FASEB Journal</i> , 2013 , 27, 831-13	0.9	
31	Regulation of the Hippo-YAP pathway by G-protein-coupled receptor signaling. <i>Cell</i> , 2012 , 150, 780-91	56.2	1028
30	Mechanistic insights into the regulation of metabolic enzymes by acetylation. <i>Journal of Cell Biology</i> , 2012 , 198, 155-64	7.3	168
29	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	46.2	2783
28	Regulation of the Hippo-YAP pathway by protease-activated receptors (PARs). <i>Genes and Development</i> , 2012 , 26, 2138-43	12.6	210
27	Cell detachment activates the Hippo pathway via cytoskeleton reorganization to induce anoikis. <i>Genes and Development</i> , 2012 , 26, 54-68	12.6	522
26	Amino acid signaling in TOR activation. <i>Annual Review of Biochemistry</i> , 2011 , 80, 1001-32	29.1	176
25	Acetylation targets the M2 isoform of pyruvate kinase for degradation through chaperone-mediated autophagy and promotes tumor growth. <i>Molecular Cell</i> , 2011 , 42, 719-30	17.6	404
24	AMPK and mTOR regulate autophagy through direct phosphorylation of Ulk1. <i>Nature Cell Biology</i> , 2011 , 13, 132-41	23.4	4181
23	Regulation of intermediary metabolism by protein acetylation. <i>Trends in Biochemical Sciences</i> , 2011 , 36, 108-16	10.3	272
22	Oncometabolite 2-hydroxyglutarate is a competitive inhibitor of α -ketoglutarate-dependent dioxygenases. <i>Cancer Cell</i> , 2011 , 19, 17-30	24.3	1919
21	The hippo tumor pathway promotes TAZ degradation by phosphorylating a phosphodegron and recruiting the SCF β -TrCP E3 ligase. <i>Journal of Biological Chemistry</i> , 2010 , 285, 37159-69	5.4	342
20	Regulation of mTORC1 by the Rab and Arf GTPases. <i>Journal of Biological Chemistry</i> , 2010 , 285, 19705-9	5.4	103
19	A coordinated phosphorylation by Lats and CK1 regulates YAP stability through SCF(beta-TRCP). <i>Genes and Development</i> , 2010 , 24, 72-85	12.6	849
18	Regulation of cellular metabolism by protein lysine acetylation. <i>Science</i> , 2010 , 327, 1000-4	33.3	1394
17	SIRT3 Promotes the Urea Cycle by Deacetylating Ornithine Transcarbamoylase. <i>FASEB Journal</i> , 2010 , 24, 662.3	0.9	
16	TEAD transcription factors mediate the function of TAZ in cell growth and epithelial-mesenchymal transition. <i>Journal of Biological Chemistry</i> , 2009 , 284, 13355-13362	5.4	385
15	Lysine 88 acetylation negatively regulates ornithine carbamoyltransferase activity in response to nutrient signals. <i>Journal of Biological Chemistry</i> , 2009 , 284, 13669-13675	5.4	45

14	Both TEAD-binding and WW domains are required for the growth stimulation and oncogenic transformation activity of yes-associated protein. <i>Cancer Research</i> , 2009 , 69, 1089-98	10.1	155
13	Regulation of TORC1 by Rag GTPases in nutrient response. <i>Nature Cell Biology</i> , 2008 , 10, 935-45	23.4	949
12	TEAD mediates YAP-dependent gene induction and growth control. <i>Genes and Development</i> , 2008 , 22, 1962-71	12.6	1534
11	Regulation and function of the TSC-mTOR pathway in cell growth. <i>FASEB Journal</i> , 2008 , 22, 263.1	0.9	
10	Inactivation of YAP oncoprotein by the Hippo pathway is involved in cell contact inhibition and tissue growth control. <i>Genes and Development</i> , 2007 , 21, 2747-61	12.6	1938
9	Measurements of TSC2 GAP activity toward Rheb. <i>Methods in Enzymology</i> , 2006 , 407, 46-54	1.7	14
8	Identification of Sin1 as an essential TORC2 component required for complex formation and kinase activity. <i>Genes and Development</i> , 2006 , 20, 2820-32	12.6	384
7	TSC2 integrates Wnt and energy signals via a coordinated phosphorylation by AMPK and GSK3 to regulate cell growth. <i>Cell</i> , 2006 , 126, 955-68	56.2	1028
6	Dysregulation of the TSC-mTOR pathway in human disease. <i>Nature Genetics</i> , 2005 , 37, 19-24	36.3	812
5	Structural basis for the unique biological function of small GTPase RHEB. <i>Journal of Biological Chemistry</i> , 2005 , 280, 17093-100	5.4	65
4	Biochemical and functional characterizations of small GTPase Rheb and TSC2 GAP activity. <i>Molecular and Cellular Biology</i> , 2004 , 24, 7965-75	4.8	192
3	TSC2 mediates cellular energy response to control cell growth and survival. <i>Cell</i> , 2003 , 115, 577-90	56.2	2953
2	Rheb GTPase is a direct target of TSC2 GAP activity and regulates mTOR signaling. <i>Genes and Development</i> , 2003 , 17, 1829-34	12.6	1333
1	TSC2 is phosphorylated and inhibited by Akt and suppresses mTOR signalling. <i>Nature Cell Biology</i> , 2002 , 4, 648-57	23.4	2352