Kun Liang Guan

List of Publications by Year
in descending order

181 papers	62,405 citations	3726 89 h-index	3911 177 g-index
192 all docs	192 docs citations	192 times ranked	67322 citing authors

#	Article	IF	Citations
1	The two sides of Hippo pathway in cancer. Seminars in Cancer Biology, 2022, 85, 33-42.	4.3	34
2	Coâ€ɒccurrence of <i>BAP1</i> and <i>SF3B1</i> mutations in uveal melanoma induces cellular senescence. Molecular Oncology, 2022, 16, 607-629.	2.1	12
3	Protocols for measuring phosphorylation, subcellular localization, and kinase activity of Hippo pathway components YAP and LATS in cultured cells. STAR Protocols, 2022, 3, 101102.	0.5	0
4	Transcriptional repression of estrogen receptor alpha by YAP reveals the Hippo pathway as therapeutic target for ER+ breast cancer. Nature Communications, 2022, 13, 1061.	5.8	55
5	Rag GTPases regulate cellular amino acid homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	4
6	Itaconate inhibits TET DNA dioxygenases to dampen inflammatory responses. Nature Cell Biology, 2022, 24, 353-363.	4.6	67
7	Loss of SIRT5 promotes bile acid-induced immunosuppressive microenvironment and hepatocarcinogenesis. Journal of Hepatology, 2022, 77, 453-466.	1.8	50
8	Rheb regulates nuclear mTORC1 activity independent of farnesylation. Cell Chemical Biology, 2022, 29, 1037-1045.e4.	2.5	6
9	The multifaceted role of autophagy in cancer. EMBO Journal, 2022, 41, e110031.	3.5	63
10	The Hippo pathway mediates Semaphorin signaling. Science Advances, 2022, 8, .	4.7	6
11	Hippo pathway regulation by phosphatidylinositol transfer protein and phosphoinositides. Nature Chemical Biology, 2022, 18, 1076-1086.	3.9	12
12	Tumor-derived neomorphic mutations in ASXL1 impairs the BAP1-ASXL1-FOXK1/K2 transcription network. Protein and Cell, 2021, 12, 557-577.	4.8	14
13	Hippo Signaling in Embryogenesis and Development. Trends in Biochemical Sciences, 2021, 46, 51-63.	3.7	118
14	Genome-wide CRISPR-Cas9 screen identified KLF11 as a druggable suppressor for sarcoma cancer stem cells. Science Advances, 2021, 7, .	4.7	21
15	Structural insights into TSC complex assembly and GAP activity on Rheb. Nature Communications, 2021, 12, 339.	5.8	44
16	Hippo signalling maintains ER expression and ER+ breast cancer growth. Nature, 2021, 591, E1-E10.	13.7	38
17	YAP plays a crucial role in the development of cardiomyopathy in lysosomal storage diseases. Journal of Clinical Investigation, 2021, 131, .	3.9	29
18	Small Molecule Inhibitors of TEAD Auto-palmitoylation Selectively Inhibit Proliferation and Tumor Growth of <i>NF2</i>-deficient Mesothelioma. Molecular Cancer Therapeutics, 2021, 20, 986-998.	1.9	101

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19	Induction of AP-1 by YAP/TAZ contributes to cell proliferation and organ growth. Genes and Development, 2020, 34, 72-86.	2.7	68
20	TAZ Represses the Neuronal Commitment of Neural Stem Cells. Cells, 2020, 9, 2230.	1.8	9
21	Heat stress activates YAP/TAZ to induce the heat shock transcriptome. Nature Cell Biology, 2020, 22, 1447-1459.	4.6	56
22	The Zscan4-Tet2 Transcription Nexus Regulates Metabolic Rewiring and Enhances Proteostasis to Promote Reprogramming. Cell Reports, 2020, 32, 107877.	2.9	22
23	A WW Tandem-Mediated Dimerization Mode of SAV1 Essential for Hippo Signaling. Cell Reports, 2020, 32, 108118.	2.9	16
24	Metabolic Reprograming via Deletion of CISH in Human iPSC-Derived NK Cells Promotes InÂVivo Persistence and Enhances Anti-tumor Activity. Cell Stem Cell, 2020, 27, 224-237.e6.	5.2	177
25	Targeting the Hippo pathway in cancer, fibrosis, wound healing and regenerative medicine. Nature Reviews Drug Discovery, 2020, 19, 480-494.	21.5	396
26	Targeting ferroptosis alleviates methionineâ€choline deficient (MCD)â€diet induced NASH by suppressing liver lipotoxicity. Liver International, 2020, 40, 1378-1394.	1.9	135
27	YAP/TAZ phase separation for transcription. Nature Cell Biology, 2020, 22, 357-358.	4.6	24
28	Critical roles of phosphoinositides and NF2 in Hippo pathway regulation. Genes and Development, 2020, 34, 511-525.	2.7	39
29	Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis. Cell Metabolism, 2020, 31, 969-986.e7.	7.2	117
30	EIF3H Orchestrates Hippo Pathwayâ€"Mediated Oncogenesis via Catalytic Control of YAP Stability. Cancer Research, 2020, 80, 2550-2563.	0.4	24
31	Tales from the Cryptkeeper: New Roles for Lats1/2 in Wnt-driven Homeostasis. Cell Stem Cell, 2020, 26, 612-614.	5.2	2
32	The oncometabolite 2-hydroxyglutarate produced by mutant IDH1 sensitizes cells to ferroptosis. Cell Death and Disease, 2019, 10, 755.	2.7	46
33	Amino Acids License Kinase mTORC1 Activity and Treg Cell Function via Small G Proteins Rag and Rheb. Immunity, 2019, 51, 1012-1027.e7.	6.6	76
34	Volume Adaptation Controls Stem Cell Mechanotransduction. ACS Applied Materials & Interfaces, 2019, 11, 45520-45530.	4.0	57
35	YAP and TAZ regulate cell volume. Journal of Cell Biology, 2019, 218, 3472-3488.	2.3	39
36	A special issue to mark the 90th Anniversary of College of Life Sciences, Zhejiang University. Journal of Zhejiang University: Science B, 2019, 20, 371-372.	1.3	0

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37	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.	3.3	17
38	mTORC1 underlies ageâ€related muscle fiber damage and loss by inducing oxidative stress and catabolism. Aging Cell, 2019, 18, e12943.	3.0	104
39	SIRT5 deficiency suppresses mitochondrial ATP production and promotes AMPK activation in response to energy stress. PLoS ONE, 2019, 14, e0211796.	1.1	40
40	STRIPAK integrates upstream signals to initiate the Hippo kinase cascade. Nature Cell Biology, 2019, 21, 1565-1577.	4.6	98
41	Rapid diagnosis of IDH1-mutated gliomas by 2-HG detection with gas chromatography mass spectrometry. Laboratory Investigation, 2019, 99, 588-598.	1.7	16
42	mTOR as a central hub of nutrient signalling and cell growth. Nature Cell Biology, 2019, 21, 63-71.	4.6	698
43	Determining the Phosphorylation Status of Hippo Components YAP and TAZ Using Phos-tag. Methods in Molecular Biology, 2019, 1893, 281-287.	0.4	7
44	The Hippo Pathway: Biology and Pathophysiology. Annual Review of Biochemistry, 2019, 88, 577-604.	5.0	708
45	OTUB2 Promotes Cancer Metastasis via Hippo-Independent Activation of YAP and TAZ. Molecular Cell, 2019, 73, 7-21.e7.	4.5	112
46	Cell type-dependent function of LATS1/2 in cancer cell growth. Oncogene, 2019, 38, 2595-2610.	2.6	29
47	ELP3 Acetyltransferase is phosphorylated and regulated by the oncogenic anaplastic lymphoma kinase (ALK). Biochemical Journal, 2019, 476, 2239-2254.	1.7	7
48	GPCR signaling inhibits mTORC1 via PKA phosphorylation of Raptor. ELife, 2019, 8, .	2.8	60
49	Decoding WW domain tandem-mediated target recognitions in tissue growth and cell polarity. ELife, 2019, 8, .	2.8	38
50	<scp>SIRT</scp> 5 inhibits peroxisomal <scp>ACOX</scp> 1 to prevent oxidative damage and is downregulated in liver cancer. EMBO Reports, 2018, 19, .	2.0	171
51	Metabolism, Activity, and Targeting of D- and L-2-Hydroxyglutarates. Trends in Cancer, 2018, 4, 151-165.	3.8	160
52	Acetylation accumulates PFKFB3 in cytoplasm to promote glycolysis and protects cells from cisplatin-induced apoptosis. Nature Communications, 2018, 9, 508.	5.8	127
53	Colonic epithelium rejuvenation through <scp>YAP</scp> / <scp>TAZ</scp>. EMBO Journal, 2018, 37, 164-166.	3.5	3
54	Metabolic reprogramming by PCK1 promotes TCA cataplerosis, oxidative stress and apoptosis in liver cancer cells and suppresses hepatocellular carcinoma. Oncogene, 2018, 37, 1637-1653.	2.6	125

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55	A LATS biosensor screen identifies VEGFR as a regulator of the Hippo pathway in angiogenesis. Nature Communications, 2018, 9, 1061.	5.8	121
56	Deregulation and Therapeutic Potential of the Hippo Pathway in Cancer. Annual Review of Cancer Biology, 2018, 2, 59-79.	2.3	14
57	SNIP1 Recruits TET2 to Regulate c-MYC Target Genes and Cellular DNA Damage Response. Cell Reports, 2018, 25, 1485-1500.e4.	2.9	63
58	Regulation of the Hippo Pathway by Phosphatidic Acid-Mediated Lipid-Protein Interaction. Molecular Cell, 2018, 72, 328-340.e8.	4.5	74
59	Oncogenic R132 IDH1 Mutations Limit NADPH for De Novo Lipogenesis through (D)2-Hydroxyglutarate Production in Fibrosarcoma Cells. Cell Reports, 2018, 25, 1018-1026.e4.	2.9	56
60	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.	1.6	164
61	Interplay between YAP/TAZ and Metabolism. Cell Metabolism, 2018, 28, 196-206.	7.2	281
62	Assembly and activation of the Hippo signalome by FAT1 tumor suppressor. Nature Communications, 2018, 9, 2372.	5.8	119
63	Opposing Tumor-Promoting and -Suppressive Functions of Rictor/mTORC2 Signaling in Adult Glioma and Pediatric SHH Medulloblastoma. Cell Reports, 2018, 24, 463-478.e5.	2.9	21
64	RAP2 mediates mechanoresponses of the Hippo pathway. Nature, 2018, 560, 655-660.	13.7	266
65	YAP and MRTF-A, transcriptional co-activators of RhoA-mediated gene expression, are critical for glioblastoma tumorigenicity. Oncogene, 2018, 37, 5492-5507.	2.6	49
66	Polycystic kidney disease: a Hippo connection. Genes and Development, 2018, 32, 737-739.	2.7	20
67	Claudin-18â€“mediated YAP activity regulates lung stem and progenitor cell homeostasis and tumorigenesis. Journal of Clinical Investigation, 2018, 128, 970-984.	3.9	115
68	Notch Activation Rescues Exhaustion in CISH-Deleted Human iPSC-Derived Natural Killer Cells to Promote In Vivo Persistence and Enhance Anti-Tumor Activity. Blood, 2018, 132, 1279-1279.	0.6	4
69	Hippo pathway in nutrient response and cell growth. FASEB Journal, 2018, 32, 379.1.	0.2	0
70	MTORC1-mediated NRBF2 phosphorylation functions as a switch for the class III PtdIns3K and autophagy. Autophagy, 2017, 13, 592-607.	4.3	71
71	<i>L2hgdh</i> Deficiency Accumulates <scp>l</scp>-2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. Molecular and Cellular Biology, 2017, 37, .	1.1	27
72	YAPâ€“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.	3.3	85

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73	Endothelin Promotes Colorectal Tumorigenesis by Activating YAP/TAZ. Cancer Research, 2017, 77, 2413-2423.	0.4	63
74	A tiling-deletion-based genetic screen for cis-regulatory element identification in mammalian cells. Nature Methods, 2017, 14, 629-635.	9.0	217
75	mTORC2 Regulates Amino Acid Metabolism in Cancer by Phosphorylation of the Cystine-Glutamate Antiporter xCT. Molecular Cell, 2017, 67, 128-138.e7.	4.5	147
76	Hippo signalling governs cytosolic nucleic acid sensing through YAP/TAZ-mediated TBK1 blockade. Nature Cell Biology, 2017, 19, 362-374.	4.6	153
77	Osmotic stressâ€induced phosphorylation by <scp>NLK</scp> at Ser128 activates <scp>YAP</scp>. EMBO Reports, 2017, 18, 72-86.	2.0	112
78	Regulation of the Hippo Pathway Transcription Factor TEAD. Trends in Biochemical Sciences, 2017, 42, 862-872.	3.7	218
79	CLOCK Acetylates ASS1 to Drive Circadian Rhythm of Ureagenesis. Molecular Cell, 2017, 68, 198-209.e6.	4.5	53
80	<scp>SIRT</scp>7 deacetylates <scp>DDB</scp>1 and suppresses the activity of the <scp>CRL</scp>4 E3 ligase complexes. FEBS Journal, 2017, 284, 3619-3636.	2.2	12
81	Regulation of Hippo pathway transcription factor TEAD by p38 MAPK-induced cytoplasmic translocation. Nature Cell Biology, 2017, 19, 996-1002.	4.6	153
82	Glut3 Addiction Is a Druggable Vulnerability for a Molecularly Defined Subpopulation of Glioblastoma. Cancer Cell, 2017, 32, 856-868.e5.	7.7	121
83	The Hippo pathway in organ development, homeostasis, and regeneration. Current Opinion in Cell Biology, 2017, 49, 99-107.	2.6	176
84	Non-radioactive LATS in vitro Kinase Assay. Bio-protocol, 2017, 7, .	0.2	7
85	Thromboxane A2 Activates YAP/TAZ Protein to Induce Vascular Smooth Muscle Cell Proliferation and Migration. Journal of Biological Chemistry, 2016, 291, 18947-18958.	1.6	88
86	The Hippo Pathway Kinases LATS1/2 Suppress Cancer Immunity. Cell, 2016, 167, 1525-1539.e17.	13.5	318
87	Characterization of Hippo Pathway Components by Gene Inactivation. Molecular Cell, 2016, 64, 993-1008.	4.5	219
88	Glycoholics Anonymous: Cancer Sobers Up with mTORC1. Cancer Cell, 2016, 29, 432-434.	7.7	2
89	The Hippo pathway in intestinal regeneration and disease. Nature Reviews Gastroenterology and Hepatology, 2016, 13, 324-337.	8.2	204
90	Mst1 shuts off cytosolic antiviral defense through IRF3 phosphorylation. Genes and Development, 2016, 30, 1086-1100.	2.7	68

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91	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.	3.3	323
92	Destabilization of Fatty Acid Synthase by Acetylation Inhibits <i>De Novo</i> Lipogenesis and Tumor Cell Growth. Cancer Research, 2016, 76, 6924-6936.	0.4	92
93	Hypertension-associated C825T polymorphism impairs the function of GÎ²3 to target GRK2 ubiquitination. Cell Discovery, 2016, 2, 16005.	3.1	13
94	<scp>SIRT</scp>5 promotes <scp>IDH</scp>2 desuccinylation and G6<scp>PD</scp> deglutarylation to enhance cellular antioxidant defense. EMBO Reports, 2016, 17, 811-822.	2.0	210
95	A new class of temporarily phenotypic enhancers identified by CRISPR/Cas9-mediated genetic screening. Genome Research, 2016, 26, 397-405.	2.4	111
96	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
97	Structural insights of mTOR complex 1. Cell Research, 2016, 26, 267-268.	5.7	28
98	Mechanisms of Hippo pathway regulation. Genes and Development, 2016, 30, 1-17.	2.7	1,224
99	RUNX1-ETO-Dependent Transcriptional Repression of RASSF2 Contributes to t(8;21) Leukemia through Evasion of MST1-Driven Apoptosis Signaling. Blood, 2016, 128, 1547-1547.	0.6	5
100	Oncometabolite D-2-Hydroxyglutarate Inhibits ALKBH DNA Repair Enzymes and Sensitizes IDH Mutant Cells to Alkylating Agents. Cell Reports, 2015, 13, 2353-2361.	2.9	153
101	<scp>PARD</scp> 3 induces <scp>TAZ</scp> activation and cell growth by promoting <scp>LATS</scp> 1 and <scp>PP</scp> 1 interaction. EMBO Reports, 2015, 16, 975-985.	2.0	46
102	Insulin and mTOR Pathway Regulate HDAC3-Mediated Deacetylation and Activation of PGK1. PLoS Biology, 2015, 13, e1002243.	2.6	72
103	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, 7255-7260.	3.3	34
104	YAP and TAZ: a nexus for Hippo signaling and beyond. Trends in Cell Biology, 2015, 25, 499-513.	3.6	445
105	YAP inhibition blocks uveal melanogenesis driven by GNAQ or GNA11 mutations. Molecular and Cellular Oncology, 2015, 2, e970957.	0.3	18
106	Differential regulation of mTORC1 by leucine and glutamine. Science, 2015, 347, 194-198.	6.0	585
107	Micro(RNA) Managing by mTORC1. Molecular Cell, 2015, 57, 575-576.	4.5	6
108	WT1 Recruits TET2 to Regulate Its Target Gene Expression and Suppress Leukemia Cell Proliferation. Molecular Cell, 2015, 57, 662-673.	4.5	242

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109	The emerging roles of YAP and TAZ in cancer. Nature Reviews Cancer, 2015, 15, 73-79.	12.8	928
110	A gp130â€“Srcâ€“YAP module links inflammation to epithelial regeneration. Nature, 2015, 519, 57-62.	13.7	528
111	Disease implications of the Hippo/YAP pathway. Trends in Molecular Medicine, 2015, 21, 212-222.	3.5	191
112	Opposing roles of conventional and novel PKC isoforms in Hippo-YAP pathway regulation. Cell Research, 2015, 25, 985-988.	5.7	54
113	Sestrin2 inhibits mTORC1 through modulation of GATOR complexes. Scientific Reports, 2015, 5, 9502.	1.6	137
114	<scp>SIRT</scp> 3â€dependent <scp>GOT</scp> 2 acetylation status affects the malateâ€“aspartate <scp>NADH</scp> shuttle activity and pancreatic tumor growth. EMBO Journal, 2015, 34, 1110-1125.	3.5	152
115	A YAP/TAZ-induced feedback mechanism regulates Hippo pathway homeostasis. Genes and Development, 2015, 29, 1271-1284.	2.7	278
116	A Non-Canonical Function of GÎ² as a Subunit of E3 Ligase in Targeting GRK2ÂUbiquitylation. Molecular Cell, 2015, 58, 794-803.	4.5	30
117	Cellular energy stress induces AMPK-mediated regulation of YAP and the Hippo pathway. Nature Cell Biology, 2015, 17, 500-510.	4.6	421
118	The Hippo Pathway in Heart Development, Regeneration, and Diseases. Circulation Research, 2015, 116, 1431-1447.	2.0	178
119	The SIN1-PH Domain Connects mTORC2 to PI3K. Cancer Discovery, 2015, 5, 1127-1129.	7.7	44
120	Hippo Pathway in Organ Size Control, Tissue Homeostasis, and Cancer. Cell, 2015, 163, 811-828.	13.5	1,716
121	Atg5-independent autophagy regulates mitochondrial clearance and is essential for iPSC reprogramming. Nature Cell Biology, 2015, 17, 1379-1387.	4.6	153
122	Alternative Wnt Signaling Activates YAP/TAZ. Cell, 2015, 162, 780-794.	13.5	528
123	Class III PI3K regulates organismal glucose homeostasis by providing negative feedback on hepatic insulin signalling. Nature Communications, 2015, 6, 8283.	5.8	47
124	MAP4K family kinases act in parallel to MST1/2 to activate LATS1/2 in the Hippo pathway. Nature Communications, 2015, 6, 8357.	5.8	388
125	AMPK and autophagy in glucose/glycogen metabolism. Molecular Aspects of Medicine, 2015, 46, 46-62.	2.7	175
126	The Hippo pathway effectors YAP and TAZ promote cell growth by modulating amino acid signaling to mTORC1. Cell Research, 2015, 25, 1299-1313.	5.7	164

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127	NLK phosphorylates Raptor to mediate stress-induced mTORC1 inhibition. Genes and Development, 2015, 29, 2362-2376.	2.7	37
128	D-2-hydroxyglutarate is essential for maintaining oncogenic property of mutant IDH-containing cancer cells but dispensable for cell growth. Oncotarget, 2015, 6, 8606-8620.	0.8	46
129	Sestrins Inhibit mTORC1 Kinase Activation through the GATOR Complex. Cell Reports, 2014, 9, 1281-1291.	2.9	273
130	TET-catalyzed 5-methylcytosine hydroxylation is dynamically regulated by metabolites. Cell Research, 2014, 24, 1017-1020.	5.7	51
131	Both Decreased and Increased SRPK1 Levels Promote Cancer by Interfering with PHLPP-Mediated Dephosphorylation of Akt. Molecular Cell, 2014, 54, 378-391.	4.5	105
132	The Hippo signaling pathway in stem cell biology and cancer. EMBO Reports, 2014, 15, 642-656.	2.0	532
133	Oxidative Stress Activates SIRT2 to Deacetylate and Stimulate Phosphoglycerate Mutase. Cancer Research, 2014, 74, 3630-3642.	0.4	124
134	Autophagy regulation by nutrient signaling. Cell Research, 2014, 24, 42-57.	5.7	601
135	Rag GTPases are cardioprotective by regulating lysosomal function. Nature Communications, 2014, 5, 4241.	5.8	73
136	Hippo Pathway Key to Ploidy Checkpoint. Cell, 2014, 158, 695-696.	13.5	3
137	YAP inhibits squamous transdifferentiation of Lkb1-deficient lung adenocarcinoma through ZEB2-dependent DNp63 repression. Nature Communications, 2014, 5, 4629.	5.8	95
138	An alternative DNA damage pathway to apoptosis in hematological cancers. Nature Medicine, 2014, 20, 587-588.	15.2	5
139	Regulation of G6PD acetylation by KAT9/SIRT2 modulates NADPH homeostasis and cell survival during oxidative stress. EMBO Journal, 2014, 33, 1304-20.	3.5	205
140	Mutant Gq/11 Promote Uveal Melanoma Tumorigenesis by Activating YAP. Cancer Cell, 2014, 25, 822-830.	7.7	391
141	YAP as oncotarget in uveal melanoma. Oncoscience, 2014, 1, 480-481.	0.9	14
142	LATS2 Suppresses Oncogenic Wnt Signaling by Disrupting Î²-Catenin/BCL9 Interaction. Cell Reports, 2013, 5, 1650-1663.	2.9	69
143	Regulation of PIK3C3/VPS34 complexes by MTOR in nutrient stress-induced autophagy. Autophagy, 2013, 9, 1983-1995.	4.3	249
144	Acetylation Stabilizes ATP-Citrate Lyase to Promote Lipid Biosynthesis and Tumor Growth. Molecular Cell, 2013, 51, 506-518.	4.5	291

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145	Phosphorylation of Angiomotin by Lats1/2 Kinases Inhibits F-actin Binding, Cell Migration, and Angiogenesis. Journal of Biological Chemistry, 2013, 288, 34041-34051.	1.6	133
146	Differential Regulation of Distinct Vps34 Complexes by AMPK in Nutrient Stress and Autophagy. Cell, 2013, 152, 290-303.	13.5	646
147	The Hippo pathway: regulators and regulations. Genes and Development, 2013, 27, 355-371.	2.7	1,034
148	Nutrient signaling to mTOR and cell growth. Trends in Biochemical Sciences, 2013, 38, 233-242.	3.7	327
149	AMPK and mTOR in nutrient signaling and autophagy regulation. FASEB Journal, 2013, 27, 99.1.	0.2	0
150	câ€Jun Nâ€Terminal Kinase 1 (JNK1) Is Required for Coordination of Netrin Signaling in Axon Guidance. FASEB Journal, 2013, 27, 831.13.	0.2	0
151	Regulation of the Hippoâ€"YAP pathway by protease-activated receptors (PARs). Genes and Development, 2012, 26, 2138-2143.	2.7	239
152	Cell detachment activates the Hippo pathway via cytoskeleton reorganization to induce anoikis. Genes and Development, 2012, 26, 54-68.	2.7	632
153	Regulation of the Hippo-YAP Pathway by G-Protein-Coupled Receptor Signaling. Cell, 2012, 150, 780-791.	13.5	1,310
154	Mechanistic insights into the regulation of metabolic enzymes by acetylation. Journal of Cell Biology, 2012, 198, 155-164.	2.3	202
155	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
156	Amino Acid Signaling in TOR Activation. Annual Review of Biochemistry, 2011, 80, 1001-1032.	5.0	202
157	Acetylation Targets the M2 Isoform of Pyruvate Kinase for Degradation through Chaperone-Mediated Autophagy and Promotes Tumor Growth. Molecular Cell, 2011, 42, 719-730.	4.5	479
158	AMPK and mTOR regulate autophagy through direct phosphorylation of Ulk1. Nature Cell Biology, 2011, 13, 132-141.	4.6	5,447
159	Regulation of intermediary metabolism by protein acetylation. Trends in Biochemical Sciences, 2011, 36, 108-116.	3.7	323
160	Oncometabolite 2-Hydroxyglutarate Is a Competitive Inhibitor of Î±-Ketoglutarate-Dependent Dioxygenases. Cancer Cell, 2011, 19, 17-30.	7.7	2,340
161	The Hippo Tumor Pathway Promotes TAZ Degradation by Phosphorylating a Phosphodegron and Recruiting the SCFÎ²-TrCP E3 Ligase. Journal of Biological Chemistry, 2010, 285, 37159-37169.	1.6	422
162	Regulation of mTORC1 by the Rab and Arf GTPases. Journal of Biological Chemistry, 2010, 285, 19705-19709.	1.6	120

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163	A coordinated phosphorylation by Lats and CK1 regulates YAP stability through SCF^{Î²-TRCP}. Genes and Development, 2010, 24, 72-85.	2.7	1,100
164	Regulation of Cellular Metabolism by Protein Lysine Acetylation. Science, 2010, 327, 1000-1004.	6.0	1,642
165	SIRT3 Promotes the Urea Cycle by Deacetylating Ornithine Transcarbamoylase. FASEB Journal, 2010, 24, 662.3.	0.2	0
166	TEAD Transcription Factors Mediate the Function of TAZ in Cell Growth and Epithelial-Mesenchymal Transition. Journal of Biological Chemistry, 2009, 284, 13355-13362.	1.6	470
167	Lysine 88 Acetylation Negatively Regulates Ornithine Carbamoyltransferase Activity in Response to Nutrient Signals. Journal of Biological Chemistry, 2009, 284, 13669-13675.	1.6	55
168	Both TEAD-Binding and WW Domains Are Required for the Growth Stimulation and Oncogenic Transformation Activity of Yes-Associated Protein. Cancer Research, 2009, 69, 1089-1098.	0.4	175
169	Regulation of TORC1 by Rag GTPases in nutrient response. Nature Cell Biology, 2008, 10, 935-945.	4.6	1,143
170	TEAD mediates YAP-dependent gene induction and growth control. Genes and Development, 2008, 22, 1962-1971.	2.7	1,943
171	Regulation and function of the TSCâ€•mTOR pathway in cell growth. FASEB Journal, 2008, 22, 263.1.	0.2	0
172	Inactivation of YAP oncoprotein by the Hippo pathway is involved in cell contact inhibition and tissue growth control. Genes and Development, 2007, 21, 2747-2761.	2.7	2,487
173	Identification of Sin1 as an essential TORC2 component required for complex formation and kinase activity. Genes and Development, 2006, 20, 2820-2832.	2.7	434
174	TSC2 Integrates Wnt and Energy Signals via a Coordinated Phosphorylation by AMPK and GSK3 to Regulate Cell Growth. Cell, 2006, 126, 955-968.	13.5	1,183
175	Measurements of TSC2 GAP Activity Toward Rheb. Methods in Enzymology, 2006, 407, 46-54.	0.4	17
176	Dysregulation of the TSC-mTOR pathway in human disease. Nature Genetics, 2005, 37, 19-24.	9.4	911
177	Structural Basis for the Unique Biological Function of Small GTPase RHEB. Journal of Biological Chemistry, 2005, 280, 17093-17100.	1.6	73
178	Biochemical and Functional Characterizations of Small GTPase Rheb and TSC2 GAP Activity. Molecular and Cellular Biology, 2004, 24, 7965-7975.	1.1	226
179	TSC2 Mediates Cellular Energy Response to Control Cell Growth and Survival. Cell, 2003, 115, 577-590.	13.5	3,362
180	Rheb GTPase is a direct target of TSC2 GAP activity and regulates mTOR signaling. Genes and Development, 2003, 17, 1829-1834.	2.7	1,566

#	Article	IF	Citations
181	TSC2 is phosphorylated and inhibited by Akt and suppresses mTOR signalling. Nature Cell Biology, 2002, 4, 648-657.	4.6	2,667