Kun Liang Guan

List of Publications by Citations

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	AMPK and mTOR regulate autophagy through direct phosphorylation of Ulk1. *Nature Cell Biology*, **2011**, 13, 132-41	23.4	4181
174	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
173	TSC2 mediates cellular energy response to control cell growth and survival. *Cell*, **2003**, 115, 577-90	56.2	2953
172	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
171	TSC2 is phosphorylated and inhibited by Akt and suppresses mTOR signalling. *Nature Cell Biology*, **2002**, 4, 648-57	23.4	2352
170	Inactivation of YAP oncoprotein by the Hippo pathway is involved in cell contact inhibition and tissue growth control. *Genes and Development*, **2007**, 21, 2747-61	12.6	1938
169	Oncometabolite 2-hydroxyglutarate is a competitive inhibitor of □ketoglutarate-dependent dioxygenases. *Cancer Cell*, **2011**, 19, 17-30	24.3	1919
168	TEAD mediates YAP-dependent gene induction and growth control. *Genes and Development*, **2008**, 22, 1962-71	12.6	1534
167	Regulation of cellular metabolism by protein lysine acetylation. *Science*, **2010**, 327, 1000-4	33.3	1394
166	Rheb GTPase is a direct target of TSC2 GAP activity and regulates mTOR signaling. *Genes and Development*, **2003**, 17, 1829-34	12.6	1333
165	Hippo Pathway in Organ Size Control, Tissue Homeostasis, and Cancer. *Cell*, **2015**, 163, 811-28	56.2	1185
164	Regulation of the Hippo-YAP pathway by G-protein-coupled receptor signaling. *Cell*, **2012**, 150, 780-91	56.2	1028
163	TSC2 integrates Wnt and energy signals via a coordinated phosphorylation by AMPK and GSK3 to regulate cell growth. *Cell*, **2006**, 126, 955-68	56.2	1028
162	Regulation of TORC1 by Rag GTPases in nutrient response. *Nature Cell Biology*, **2008**, 10, 935-45	23.4	949
161	A coordinated phosphorylation by Lats and CK1 regulates YAP stability through SCF(beta-TRCP). *Genes and Development*, **2010**, 24, 72-85	12.6	849
160	Mechanisms of Hippo pathway regulation. *Genes and Development*, **2016**, 30, 1-17	12.6	834
159	The Hippo pathway: regulators and regulations. *Genes and Development*, **2013**, 27, 355-71	12.6	818

158	Dysregulation of the TSC-mTOR pathway in human disease. *Nature Genetics*, **2005**, 37, 19-24	36.3	812
157	The emerging roles of YAP and TAZ in cancer. *Nature Reviews Cancer*, **2015**, 15, 73-79	31.3	705
156	Differential regulation of distinct Vps34 complexes by AMPK in nutrient stress and autophagy. *Cell*, **2013**, 152, 290-303	56.2	526
155	Cell detachment activates the Hippo pathway via cytoskeleton reorganization to induce anoikis. *Genes and Development*, **2012**, 26, 54-68	12.6	522
154	Autophagy regulation by nutrient signaling. *Cell Research*, **2014**, 24, 42-57	24.7	478
153	Metabolism. Differential regulation of mTORC1 by leucine and glutamine. *Science*, **2015**, 347, 194-8	33.3	442
152	mTOR as a central hub of nutrient signalling and cell growth. *Nature Cell Biology*, **2019**, 21, 63-71	23.4	412
151	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
150	The Hippo signaling pathway in stem cell biology and cancer. *EMBO Reports*, **2014**, 15, 642-56	6.5	400
149	Alternative Wnt Signaling Activates YAP/TAZ. *Cell*, **2015**, 162, 780-94	56.2	393
148	A gp130-Src-YAP module links inflammation to epithelial regeneration. *Nature*, **2015**, 519, 57-62	50.4	387
147	TEAD transcription factors mediate the function of TAZ in cell growth and epithelial-mesenchymal transition. *Journal of Biological Chemistry*, **2009**, 284, 13355-13362	5.4	385
146	Identification of Sin1 as an essential TORC2 component required for complex formation and kinase activity. *Genes and Development*, **2006**, 20, 2820-32	12.6	384
145	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
144	YAP and TAZ: a nexus for Hippo signaling and beyond. *Trends in Cell Biology*, **2015**, 25, 499-513	18.3	335
143	Cellular energy stress induces AMPK-mediated regulation of YAP and the Hippo pathway. *Nature Cell Biology*, **2015**, 17, 500-10	23.4	311
142	Mutant Gq/11 promote uveal melanoma tumorigenesis by activating YAP. *Cancer Cell*, **2014**, 25, 822-30	24.3	307
141	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

140	Regulation of intermediary metabolism by protein acetylation. *Trends in Biochemical Sciences*, **2011**, 36, 108-16	10.3	272
139	Nutrient signaling to mTOR and cell growth. *Trends in Biochemical Sciences*, **2013**, 38, 233-42	10.3	265
138	The Hippo Pathway: Biology and Pathophysiology. *Annual Review of Biochemistry*, **2019**, 88, 577-604	29.1	253
137	Sestrins inhibit mTORC1 kinase activation through the GATOR complex. *Cell Reports*, **2014**, 9, 1281-91	10.6	223
136	Acetylation stabilizes ATP-citrate lyase to promote lipid biosynthesis and tumor growth. *Molecular Cell*, **2013**, 51, 506-518	17.6	217
135	The Hippo Pathway Kinases LATS1/2 Suppress Cancer Immunity. *Cell*, **2016**, 167, 1525-1539.e17	56.2	214
134	Regulation of the Hippo-YAP pathway by protease-activated receptors (PARs). *Genes and Development*, **2012**, 26, 2138-43	12.6	210
133	A YAP/TAZ-induced feedback mechanism regulates Hippo pathway homeostasis. *Genes and Development*, **2015**, 29, 1271-84	12.6	208
132	WT1 recruits TET2 to regulate its target gene expression and suppress leukemia cell proliferation. *Molecular Cell*, **2015**, 57, 662-673	17.6	198
131	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
130	Biochemical and functional characterizations of small GTPase Rheb and TSC2 GAP activity. *Molecular and Cellular Biology*, **2004**, 24, 7965-75	4.8	192
129	Regulation of PIK3C3/VPS34 complexes by MTOR in nutrient stress-induced autophagy. *Autophagy*, **2013**, 9, 1983-95	10.2	181
128	Amino acid signaling in TOR activation. *Annual Review of Biochemistry*, **2011**, 80, 1001-32	29.1	176
127	Mechanistic insights into the regulation of metabolic enzymes by acetylation. *Journal of Cell Biology*, **2012**, 198, 155-64	7.3	168
126	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
125	Disease implications of the Hippo/YAP pathway. *Trends in Molecular Medicine*, **2015**, 21, 212-22	11.5	157
124	RAP2 mediates mechanoresponses of the Hippo pathway. *Nature*, **2018**, 560, 655-660	50.4	157
123	Both TEAD-binding and WW domains are required for the growth stimulation and oncogenic transformation activity of yes-associated protein. *Cancer Research*, **2009**, 69, 1089-98	10.1	155

122	A tiling-deletion-based genetic screen for cis-regulatory element identification in mammalian cells. *Nature Methods*, **2017**, 14, 629-635	21.6	144
121	Characterization of Hippo Pathway Components by Gene Inactivation. *Molecular Cell*, **2016**, 64, 993-1008	17.6	142
120	The Hippo pathway in intestinal regeneration and disease. *Nature Reviews Gastroenterology and Hepatology*, **2016**, 13, 324-37	24.2	139
119	The hippo pathway in heart development, regeneration, and diseases. *Circulation Research*, **2015**, 116, 1431-47	15.7	138
118	Interplay between YAP/TAZ and Metabolism. *Cell Metabolism*, **2018**, 28, 196-206	24.6	137
117	AMPK and autophagy in glucose/glycogen metabolism. *Molecular Aspects of Medicine*, **2015**, 46, 46-62	16.7	134
116	Regulation of the Hippo Pathway Transcription Factor TEAD. *Trends in Biochemical Sciences*, **2017**, 42, 862-872	10.3	131
115	SIRT5 promotes IDH2 desuccinylation and G6PD deglutarylation to enhance cellular antioxidant defense. *EMBO Reports*, **2016**, 17, 811-22	6.5	127
114	Targeting the Hippo pathway in cancer, fibrosis, wound healing and regenerative medicine. *Nature Reviews Drug Discovery*, **2020**, 19, 480-494	64.1	119
113	Atg5-independent autophagy regulates mitochondrial clearance and is essential for iPSC reprogramming. *Nature Cell Biology*, **2015**, 17, 1379-87	23.4	118
112	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
111	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
110	The Hippo pathway in organ development, homeostasis, and regeneration. *Current Opinion in Cell Biology*, **2017**, 49, 99-107	9	115
109	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
108	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
107	Hippo signalling governs cytosolic nucleic acid sensing through YAP/TAZ-mediated TBK1 blockade. *Nature Cell Biology*, **2017**, 19, 362-374	23.4	107
106	Regulation of Hippo pathway transcription factor TEAD by p38 MAPK-induced cytoplasmic translocation. *Nature Cell Biology*, **2017**, 19, 996-1002	23.4	106
105	Sestrin2 inhibits mTORC1 through modulation of GATOR complexes. *Scientific Reports*, **2015**, 5, 9502	4.9	103

104	Regulation of mTORC1 by the Rab and Arf GTPases. *Journal of Biological Chemistry*, **2010**, 285, 19705-9	5.4	103
103	SIRT3-dependent GOT2 acetylation status affects the malate-aspartate NADH shuttle activity and pancreatic tumor growth. *EMBO Journal*, **2015**, 34, 1110-25	13	102
102	Oxidative stress activates SIRT2 to deacetylate and stimulate phosphoglycerate mutase. *Cancer Research*, **2014**, 74, 3630-42	10.1	101
101	mTORC2 Regulates Amino Acid Metabolism in Cancer by Phosphorylation of the Cystine-Glutamate Antiporter xCT. *Molecular Cell*, **2017**, 67, 128-138.e7	17.6	99
100	Metabolism, Activity, and Targeting of D- and L-2-Hydroxyglutarates. *Trends in Cancer*, **2018**, 4, 151-165	12.5	99
99	SIRT5 inhibits peroxisomal ACOX1 to prevent oxidative damage and is downregulated in liver cancer. *EMBO Reports*, **2018**, 19,	6.5	92
98	A new class of temporarily phenotypic enhancers identified by CRISPR/Cas9-mediated genetic screening. *Genome Research*, **2016**, 26, 397-405	9.7	86
97	A LATS biosensor screen identifies VEGFR as a regulator of the Hippo pathway in angiogenesis. *Nature Communications*, **2018**, 9, 1061	17.4	84
96	Claudin-18-mediated YAP activity regulates lung stem and progenitor cell homeostasis and tumorigenesis. *Journal of Clinical Investigation*, **2018**, 128, 970-984	15.9	81
95	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
94	Glut3 Addiction Is a Druggable Vulnerability for a Molecularly Defined Subpopulation of Glioblastoma. *Cancer Cell*, **2017**, 32, 856-868.e5	24.3	78
93	YAP inhibits squamous transdifferentiation of Lkb1-deficient lung adenocarcinoma through ZEB2-dependent DNp63 repression. *Nature Communications*, **2014**, 5, 4629	17.4	75
92	Acetylation accumulates PFKFB3 in cytoplasm to promote glycolysis and protects cells from cisplatin-induced apoptosis. *Nature Communications*, **2018**, 9, 508	17.4	73
91	Osmotic stress-induced phosphorylation by NLK at Ser128 activates YAP. *EMBO Reports*, **2017**, 18, 72-86	6.5	72
90	Metabolic Reprograming via Deletion of CISH in Human iPSC-Derived NK Cells Promotes In Vivo Persistence and Enhances Anti-tumor Activity. *Cell Stem Cell*, **2020**, 27, 224-237.e6	18	71
89	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
88	Structural basis for the unique biological function of small GTPase RHEB. *Journal of Biological Chemistry*, **2005**, 280, 17093-100	5.4	65
87	Metabolic reprogramming by PCK1 promotes TCA cataplerosis, oxidative stress and apoptosis in liver cancer cells and suppresses hepatocellular carcinoma. *Oncogene*, **2018**, 37, 1637-1653	9.2	63

86	Rag GTPases are cardioprotective by regulating lysosomal function. *Nature Communications*, **2014**, 5, 4241	17.4	63
85	Assembly and activation of the Hippo signalome by FAT1 tumor suppressor. *Nature Communications*, **2018**, 9, 2372	17.4	62
84	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
83	OTUB2 Promotes Cancer Metastasis via Hippo-Independent Activation of YAP and TAZ. *Molecular Cell*, **2019**, 73, 7-21.e7	17.6	58
82	mTORC1 underlies age-related muscle fiber damage and loss by inducing oxidative stress and catabolism. *Aging Cell*, **2019**, 18, e12943	9.9	52
81	LATS2 suppresses oncogenic Wnt signaling by disrupting [illegible]catenin/BCL9 interaction. *Cell Reports*, **2013**, 5, 1650-63	10.6	52
80	Mst1 shuts off cytosolic antiviral defense through IRF3 phosphorylation. *Genes and Development*, **2016**, 30, 1086-100	12.6	50
79	Endothelin Promotes Colorectal Tumorigenesis by Activating YAP/TAZ. *Cancer Research*, **2017**, 77, 2413-2423	10.1	49
78	MTORC1-mediated NRBF2 phosphorylation functions as a switch for the class III PtdIns3K and autophagy. *Autophagy*, **2017**, 13, 592-607	10.2	48
77	Insulin and mTOR Pathway Regulate HDAC3-Mediated Deacetylation and Activation of PGK1. *PLoS Biology*, **2015**, 13, e1002243	9.7	48
76	Destabilization of Fatty Acid Synthase by Acetylation Inhibits De Novo Lipogenesis and Tumor Cell Growth. *Cancer Research*, **2016**, 76, 6924-6936	10.1	48
75	Lysine 88 acetylation negatively regulates ornithine carbamoyltransferase activity in response to nutrient signals. *Journal of Biological Chemistry*, **2009**, 284, 13669-13675	5.4	45
74	Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis. *Cell Metabolism*, **2020**, 31, 969-986.e7	24.6	44
73	TET-catalyzed 5-methylcytosine hydroxylation is dynamically regulated by metabolites. *Cell Research*, **2014**, 24, 1017-20	24.7	42
72	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
71	Regulation of the Hippo Pathway by Phosphatidic Acid-Mediated Lipid-Protein Interaction. *Molecular Cell*, **2018**, 72, 328-340.e8	17.6	41
70	STRIPAK integrates upstream signals to initiate the Hippo kinase cascade. *Nature Cell Biology*, **2019**, 21, 1565-1577	23.4	40
69	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

68	Targeting ferroptosis alleviates methionine-choline deficient (MCD)-diet induced NASH by suppressing liver lipotoxicity. *Liver International*, **2020**, 40, 1378-1394	7.9	36
67	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
66	GPCR signaling inhibits mTORC1 via PKA phosphorylation of Raptor. *ELife*, **2019**, 8,	8.9	35
65	Opposing roles of conventional and novel PKC isoforms in Hippo-YAP pathway regulation. *Cell Research*, **2015**, 25, 985-8	24.7	34
64	CLOCK Acetylates ASS1 to Drive Circadian Rhythm of Ureagenesis. *Molecular Cell*, **2017**, 68, 198-209.e6	17.6	33
63	Class III PI3K regulates organismal glucose homeostasis by providing negative feedback on hepatic insulin signalling. *Nature Communications*, **2015**, 6, 8283	17.4	33
62	PARD3 induces TAZ activation and cell growth by promoting LATS1 and PP1 interaction. *EMBO Reports*, **2015**, 16, 975-85	6.5	33
61	Volume Adaptation Controls Stem Cell Mechanotransduction. *ACS Applied Materials & Interfaces*, **2019**, 11, 45520-45530	9.5	32
60	Induction of AP-1 by YAP/TAZ contributes to cell proliferation and organ growth. *Genes and Development*, **2020**, 34, 72-86	12.6	32
59	SNIP1 Recruits TET2 to Regulate c-MYC Target Genes and Cellular DNA Damage Response. *Cell Reports*, **2018**, 25, 1485-1500.e4	10.6	31
58	NLK phosphorylates Raptor to mediate stress-induced mTORC1 inhibition. *Genes and Development*, **2015**, 29, 2362-76	12.6	29
57	Hippo Signaling in Embryogenesis and Development. *Trends in Biochemical Sciences*, **2021**, 46, 51-63	10.3	28
56	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
55	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
54	A Non-Canonical Function of G□as a Subunit of E3 Ligase in Targeting GRK2□Ubiquitylation. *Molecular Cell*, **2015**, 58, 794-803	17.6	23
53	Structural insights of mTOR complex 1. *Cell Research*, **2016**, 26, 267-8	24.7	23
52	Cell type-dependent function of LATS1/2 in cancer cell growth. *Oncogene*, **2019**, 38, 2595-2610	9.2	22
51	SIRT5 deficiency suppresses mitochondrial ATP production and promotes AMPK activation in response to energy stress. *PLoS ONE*, **2019**, 14, e0211796	3.7	21

50	Heat stress activates YAP/TAZ to induce the heat shock transcriptome. *Nature Cell Biology*, **2020**, 22, 1447-1459	23.4	19
49	Small Molecule Inhibitors of TEAD Auto-palmitoylation Selectively Inhibit Proliferation and Tumor Growth of -deficient Mesothelioma. *Molecular Cancer Therapeutics*, **2021**, 20, 986-998	6.1	18
48	YAP and TAZ regulate cell volume. *Journal of Cell Biology*, **2019**, 218, 3472-3488	7.3	16
47	The oncometabolite 2-hydroxyglutarate produced by mutant IDH1 sensitizes cells to ferroptosis. *Cell Death and Disease*, **2019**, 10, 755	9.8	16
46	Deficiency Accumulates l-2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. *Molecular and Cellular Biology*, **2017**, 37,	4.8	15
45	YAP/TAZ phase separation for transcription. *Nature Cell Biology*, **2020**, 22, 357-358	23.4	15
44	YAP inhibition blocks uveal melanogenesis driven by GNAQ or GNA11 mutations. *Molecular and Cellular Oncology*, **2015**, 2, e970957	1.2	15
43	Measurements of TSC2 GAP activity toward Rheb. *Methods in Enzymology*, **2006**, 407, 46-54	1.7	14
42	Decoding WW domain tandem-mediated target recognitions in tissue growth and cell polarity. *ELife*, **2019**, 8,	8.9	14
41	YAP as oncotarget in uveal melanoma. *Oncoscience*, **2014**, 1, 480-1	0.8	13
40	Deregulation and Therapeutic Potential of the Hippo Pathway in Cancer. *Annual Review of Cancer Biology*, **2018**, 2, 59-79	13.3	13
39	Opposing Tumor-Promoting and -Suppressive Functions of Rictor/mTORC2 Signaling in Adult Glioma and Pediatric SHH Medulloblastoma. *Cell Reports*, **2018**, 24, 463-478.e5	10.6	11
38	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
37	Critical roles of phosphoinositides and NF2 in Hippo pathway regulation. *Genes and Development*, **2020**, 34, 511-525	12.6	10
36	SIRT7 deacetylates DDB1 and suppresses the activity of the CRL4 E3 ligase complexes. *FEBS Journal*, **2017**, 284, 3619-3636	5.7	10
35	Polycystic kidney disease: a Hippo connection. *Genes and Development*, **2018**, 32, 737-739	12.6	10
34	Hippo signalling maintains ER expression and ER breast cancer growth. *Nature*, **2021**, 591, E1-E10	50.4	10
33	YAP plays a crucial role in the development of cardiomyopathy in lysosomal storage diseases. *Journal of Clinical Investigation*, **2021**, 131,	15.9	10

32	Rapid diagnosis of IDH1-mutated gliomas by 2-HG detection with gas chromatography mass spectrometry. *Laboratory Investigation*, **2019**, 99, 588-598	5.9	10
31	Hypertension-associated C825T polymorphism impairs the function of Gß to target GRK2 ubiquitination. *Cell Discovery*, **2016**, 2, 16005	22.3	9
30	EIF3H Orchestrates Hippo Pathway-Mediated Oncogenesis via Catalytic Control of YAP Stability. *Cancer Research*, **2020**, 80, 2550-2563	10.1	9
29	Structural insights into TSC complex assembly and GAP activity on Rheb. *Nature Communications*, **2021**, 12, 339	17.4	9
28	Tumor-derived neomorphic mutations in ASXL1 impairs the BAP1-ASXL1-FOXK1/K2 transcription network. *Protein and Cell*, **2021**, 12, 557-577	7.2	7
27	The two sides of Hippo pathway in cancer. *Seminars in Cancer Biology*, **2021**,	12.7	7
26	Genome-wide CRISPR-Cas9 screen identified KLF11 as a druggable suppressor for sarcoma cancer stem cells. *Science Advances*, **2021**, 7,	14.3	7
25	Micro(RNA) managing by mTORC1. *Molecular Cell*, **2015**, 57, 575-576	17.6	6
24	The Zscan4-Tet2 Transcription Nexus Regulates Metabolic Rewiring and Enhances Proteostasis to Promote Reprogramming. *Cell Reports*, **2020**, 32, 107877	10.6	6
23	An alternative DNA damage pathway to apoptosis in hematological cancers. *Nature Medicine*, **2014**, 20, 587-8	50.5	5
22	ELP3 Acetyltransferase is phosphorylated and regulated by the oncogenic anaplastic lymphoma kinase (ALK). *Biochemical Journal*, **2019**, 476, 2239-2254	3.8	5
21	Determining the Phosphorylation Status of Hippo Components YAP and TAZ Using Phos-tag. *Methods in Molecular Biology*, **2019**, 1893, 281-287	1.4	5
20	The multifaceted role of autophagy in cancer.. *EMBO Journal*, **2022**, e110031	13	5
19	TAZ Represses the Neuronal Commitment of Neural Stem Cells. *Cells*, **2020**, 9,	7.9	4
18	Itaconate inhibits TET DNA dioxygenases to dampen inflammatory responses.. *Nature Cell Biology*, **2022**,	23.4	4
17	Hippo pathway key to ploidy checkpoint. *Cell*, **2014**, 158, 695-696	56.2	3
16	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	2.2	3
15	Non-radioactive LATS Kinase Assay. *Bio-protocol*, **2017**, 7,	0.9	3

14	A WW Tandem-Mediated Dimerization Mode of SAV1 Essential for Hippo Signaling. *Cell Reports*, **2020**, 32, 108118	10.6	3
13	Glycoholics Anonymous: Cancer Sobers Up with mTORC1. *Cancer Cell*, **2016**, 29, 432-434	24.3	2
12	Colonic epithelium rejuvenation through YAP/TAZ. *EMBO Journal*, **2018**, 37, 164-166	13	1
11	Tales from the Cryptkeeper: New Roles for Lats1/2 in Wnt-driven Homeostasis. *Cell Stem Cell*, **2020**, 26, 612-614	18	1
10	Co-occurrence of BAP1 and SF3B1 mutations in uveal melanoma induces cellular senescence. *Molecular Oncology*, **2021**,	7.9	1
9	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
8	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	4.5	
7	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	
6	Regulation and function of the TSC-mTOR pathway in cell growth. *FASEB Journal*, **2008**, 22, 263.1	0.9	
5	Hippo pathway in nutrient response and cell growth. *FASEB Journal*, **2018**, 32, 379.1	0.9	
4	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	2.2	
3	SIRT3 Promotes the Urea Cycle by Deacetylating Ornithine Transcarbamoylase. *FASEB Journal*, **2010**, 24, 662.3	0.9	
2	AMPK and mTOR in nutrient signaling and autophagy regulation. *FASEB Journal*, **2013**, 27, 99.1	0.9	
1	c-Jun N-Terminal Kinase 1 (JNK1) Is Required for Coordination of Netrin Signaling in Axon Guidance. *FASEB Journal*, **2013**, 27, 831.13	0.9	