Shu-Yong Lin

List of Publications by Year
in descending order

36 papers	3,126 citations	279798 23 h-index	377865 34 g-index
36 all docs	36 docs citations	36 times ranked	6621 citing authors

#	Article	IF	Citations
1	Low-dose metformin targets the lysosomal AMPK pathway through PEN2. Nature, 2022, 603, 159-165.	27.8	205
2	SRC promotes lipogenesis: implications for obesity and breast cancer. Molecular and Cellular Oncology, 2021, 8, 1866975.	0.7	0
3	AIDA directly connects sympathetic innervation to adaptive thermogenesis by UCP1. Nature Cell Biology, 2021, 23, 268-277.	10.3	17
4	Proto-oncogene Src links lipogenesis via lipin-1 to breast cancer malignancy. Nature Communications, 2020, 11, 5842.	12.8	33
5	Transient Receptor Potential V Channels Are Essential for Glucose Sensing by Aldolase and AMPK. Cell Metabolism, 2019, 30, 508-524.e12.	16.2	86
6	Hierarchical activation of compartmentalized pools of AMPK depends on severity of nutrient or energy stress. Cell Research, 2019, 29, 460-473.	12.0	101
7	AIDA Selectively Mediates Downregulation of Fat Synthesis Enzymes by ERAD to Retard Intestinal Fat Absorption and Prevent Obesity. Cell Metabolism, 2018, 27, 843-853.e6.	16.2	38
8	Reply. Hepatology, 2018, 67, 2477-2477.	7.3	0
9	Liverâ€specific deficiency of uncâ€51 like kinase 1 and 2 protects mice from acetaminophenâ€induced liver injury. Hepatology, 2018, 67, 2397-2413.	7.3	33
10	Carbohydrates: Not All that Bad?. Cell Metabolism, 2018, 28, 671-672.	16.2	1
11	Tip60-mediated lipin 1 acetylation and ER translocation determine triacylglycerol synthesis rate. Nature Communications, 2018, 9, 1916.	12.8	44
12	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK. Nature, 2017, 548, 112-116.	27.8	469
13	C-terminus of MUC16 activates Wnt signaling pathway through its interaction with Î²-catenin to promote tumorigenesis and metastasis. Oncotarget, 2016, 7, 36800-36813.	1.8	32
14	ULK1/2 Constitute a Bifurcate Node Controlling Glucose Metabolic Fluxes in Addition to Autophagy. Molecular Cell, 2016, 62, 359-370.	9.7	97
15	Metformin Activates AMPK through the Lysosomal Pathway. Cell Metabolism, 2016, 24, 521-522.	16.2	196
16	RHOBTB3 promotes proteasomal degradation of HIFÎ± through facilitating hydroxylation and suppresses the Warburg effect. Cell Research, 2015, 25, 1025-1042.	12.0	45
17	Structure and mechanism of the unique C2 domain of Aida. FEBS Journal, 2014, 281, 4622-4632.	4.7	4
18	The Drosophila tankyrase regulates Wg signaling depending on the concentration of Daxin. Cellular Signalling, 2014, 26, 1717-1724.	3.6	21

#	Article	IF	Citations
19	The Lysosomal v-ATPase-Ragulator Complex Is a Common Activator for AMPK and mTORC1, Acting as a Switch between Catabolism and Anabolism. Cell Metabolism, 2014, 20, 526-540.	16.2	406
20	AMP as a Low-Energy Charge Signal Autonomously Initiates Assembly of AXIN-AMPK-LKB1 Complex for AMPK Activation. Cell Metabolism, 2013, 18, 546-555.	16.2	215
21	Mechanism and Physiological Significance of Growth Factor-Related Autophagy. Physiology, 2013, 28, 423-431.	3.1	10
22	Protein phosphorylation-acetylation cascade connects growth factor deprivation to autophagy. Autophagy, 2012, 8, 1385-1386.	9.1	24
23	The Axin/TNKS complex interacts with KIF3A and is required for insulin-stimulated GLUT4 translocation. Cell Research, 2012, 22, 1246-1257.	12.0	65
24	Revealing a steroid receptor ligand as a unique PPARÎ³ agonist. Cell Research, 2012, 22, 746-756.	12.0	19
25	GSK3-TIP60-ULK1 Signaling Pathway Links Growth Factor Deprivation to Autophagy. Science, 2012, 336, 477-481.	12.6	320
26	PLK1 Interacts and Phosphorylates Axin That Is Essential for Proper Centrosome Formation. PLoS ONE, 2012, 7, e49184.	2.5	21
27	AXIN is an essential co-activator for the promyelocytic leukemia protein in p53 activation. Oncogene, 2011, 30, 1194-1204.	5.9	21
28	Identification of Novel SNPs by Next-Generation Sequencing of the Genomic Region Containing theAPCGene in Colorectal Cancer Patients in China. OMICS A Journal of Integrative Biology, 2010, 14, 315-325.	2.0	7
29	Axin determines cell fate by controlling the p53 activation threshold after DNA damage. Nature Cell Biology, 2009, 11, 1128-1134.	10.3	82
30	Asymmetric Syntheses and Wnt Signal Inhibitory Activity of Melleumin A and Four Analogues of Melleumins A and B. Chemistry - an Asian Journal, 2009, 4, 328-335.	3.3	29
31	CDK5 activator p35 downregulates Eâ€cadherin precursor independently of CDK5. FEBS Letters, 2008, 582, 1197-1202.	2.8	11
32	A Î²-Catenin-Independent Dorsalization Pathway Activated by Axin/JNK Signaling and Antagonized by Aida. Developmental Cell, 2007, 13, 268-282.	7.0	50
33	Tob1 Controls Dorsal Development of Zebrafish Embryos by Antagonizing Maternal Î²-Catenin Transcriptional Activity. Developmental Cell, 2006, 11, 225-238.	7.0	67
34	Axin is a scaffold protein in TGF-Î² signaling that promotes degradation of Smad7 by Arkadia. EMBO Journal, 2006, 25, 1646-1658.	7.8	161
35	Axin Contains Three Separable Domains That Confer Intramolecular, Homodimeric, and Heterodimeric Interactions Involved in Distinct Functions. Journal of Biological Chemistry, 2005, 280, 5054-5060.	3.4	46
36	Axin stimulates p53 functions by activation of HIPK2 kinase through multimeric complex formation. EMBO Journal, 2004, 23, 4583-4594.	7.8	150