

# Shu-Yong Lin

## List of Publications by Year in descending order

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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	Fructose-1,6-bisphosphate and aldolase mediate glucose sensing by AMPK. <i>Nature</i> , 2017, 548, 112-116.	27.8	469
2	The Lysosomal v-ATPase-Ragulator Complex Is a Common Activator for AMPK and mTORC1, Acting as a Switch between Catabolism and Anabolism. <i>Cell Metabolism</i> , 2014, 20, 526-540.	16.2	406
3	GSK3-TIP60-ULK1 Signaling Pathway Links Growth Factor Deprivation to Autophagy. <i>Science</i> , 2012, 336, 477-481.	12.6	320
4	AMP as a Low-Energy Charge Signal Autonomously Initiates Assembly of AXIN-AMPK-LKB1 Complex for AMPK Activation. <i>Cell Metabolism</i> , 2013, 18, 546-555.	16.2	215
5	Low-dose metformin targets the lysosomal AMPK pathway through PEN2. <i>Nature</i> , 2022, 603, 159-165.	27.8	205
6	Metformin Activates AMPK through the Lysosomal Pathway. <i>Cell Metabolism</i> , 2016, 24, 521-522.	16.2	196
7	Axin is a scaffold protein in TGF- $\beta^2$ signaling that promotes degradation of Smad7 by Arkadia. <i>EMBO Journal</i> , 2006, 25, 1646-1658.	7.8	161
8	Axin stimulates p53 functions by activation of HIPK2 kinase through multimeric complex formation. <i>EMBO Journal</i> , 2004, 23, 4583-4594.	7.8	150
9	Hierarchical activation of compartmentalized pools of AMPK depends on severity of nutrient or energy stress. <i>Cell Research</i> , 2019, 29, 460-473.	12.0	101
10	ULK1/2 Constitute a Bifurcate Node Controlling Glucose Metabolic Fluxes in Addition to Autophagy. <i>Molecular Cell</i> , 2016, 62, 359-370.	9.7	97
11	Transient Receptor Potential V Channels Are Essential for Glucose Sensing by Aldolase and AMPK. <i>Cell Metabolism</i> , 2019, 30, 508-524.e12.	16.2	86
12	Axin determines cell fate by controlling the p53 activation threshold after DNA damage. <i>Nature Cell Biology</i> , 2009, 11, 1128-1134.	10.3	82
13	Tob1 Controls Dorsal Development of Zebrafish Embryos by Antagonizing Maternal $\beta^2$ -Catenin Transcriptional Activity. <i>Developmental Cell</i> , 2006, 11, 225-238.	7.0	67
14	The Axin/TNKS complex interacts with KIF3A and is required for insulin-stimulated GLUT4 translocation. <i>Cell Research</i> , 2012, 22, 1246-1257.	12.0	65
15	A $\beta^2$ -Catenin-Independent Dorsalization Pathway Activated by Axin/JNK Signaling and Antagonized by Aida. <i>Developmental Cell</i> , 2007, 13, 268-282.	7.0	50
16	Axin Contains Three Separable Domains That Confer Intramolecular, Homodimeric, and Heterodimeric Interactions Involved in Distinct Functions. <i>Journal of Biological Chemistry</i> , 2005, 280, 5054-5060.	3.4	46
17	RHOBTB3 promotes proteasomal degradation of HIF $1\alpha$ through facilitating hydroxylation and suppresses the Warburg effect. <i>Cell Research</i> , 2015, 25, 1025-1042.	12.0	45
18	Tip60-mediated lipin 1 acetylation and ER translocation determine triacylglycerol synthesis rate. <i>Nature Communications</i> , 2018, 9, 1916.	12.8	44

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19	AIDA Selectively Mediates Downregulation of Fat Synthesis Enzymes by ERAD to Retard Intestinal Fat Absorption and Prevent Obesity. <i>Cell Metabolism</i> , 2018, 27, 843-853.e6.	16.2	38
20	Liver-specific deficiency of unc51 like kinase 1 and 2 protects mice from acetaminophen-induced liver injury. <i>Hepatology</i> , 2018, 67, 2397-2413.	7.3	33
21	Proto-oncogene Src links lipogenesis via lipin-1 to breast cancer malignancy. <i>Nature Communications</i> , 2020, 11, 5842.	12.8	33
22	C-terminus of MUC16 activates Wnt signaling pathway through its interaction with $\beta$ -catenin to promote tumorigenesis and metastasis. <i>Oncotarget</i> , 2016, 7, 36800-36813.	1.8	32
23	Asymmetric Syntheses and Wnt Signal Inhibitory Activity of Melleumin A and Four Analogues of Melleumins A and B. <i>Chemistry - an Asian Journal</i> , 2009, 4, 328-335.	3.3	29
24	Protein phosphorylation-acetylation cascade connects growth factor deprivation to autophagy. <i>Autophagy</i> , 2012, 8, 1385-1386.	9.1	24
25	AXIN is an essential co-activator for the promyelocytic leukemia protein in p53 activation. <i>Oncogene</i> , 2011, 30, 1194-1204.	5.9	21
26	The Drosophila tankyrase regulates Wg signaling depending on the concentration of Daxin. <i>Cellular Signalling</i> , 2014, 26, 1717-1724.	3.6	21
27	PLK1 Interacts and Phosphorylates Axin That Is Essential for Proper Centrosome Formation. <i>PLoS ONE</i> , 2012, 7, e49184.	2.5	21
28	Revealing a steroid receptor ligand as a unique PPAR $\beta$ agonist. <i>Cell Research</i> , 2012, 22, 746-756.	12.0	19
29	AIDA directly connects sympathetic innervation to adaptive thermogenesis by UCP1. <i>Nature Cell Biology</i> , 2021, 23, 268-277.	10.3	17
30	CDK5 activator p35 downregulates E-cadherin precursor independently of CDK5. <i>FEBS Letters</i> , 2008, 582, 1197-1202.	2.8	11
31	Mechanism and Physiological Significance of Growth Factor-Related Autophagy. <i>Physiology</i> , 2013, 28, 423-431.	3.1	10
32	Identification of Novel SNPs by Next-Generation Sequencing of the Genomic Region Containing the APC Gene in Colorectal Cancer Patients in China. <i>OMICS A Journal of Integrative Biology</i> , 2010, 14, 315-325.	2.0	7
33	Structure and mechanism of the unique C2 domain of Aida. <i>FEBS Journal</i> , 2014, 281, 4622-4632.	4.7	4
34	Carbohydrates: Not All that Bad?. <i>Cell Metabolism</i> , 2018, 28, 671-672.	16.2	1
35	Reply. <i>Hepatology</i> , 2018, 67, 2477-2477.	7.3	0
36	SRC promotes lipogenesis: implications for obesity and breast cancer. <i>Molecular and Cellular Oncology</i> , 2021, 8, 1866975.	0.7	0