

# Shian-Huey Chiang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

3,870  
citations

279798

23  
h-index

610901

24  
g-index

25  
all docs

25  
docs citations

25  
times ranked

5196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insulin-stimulated GLUT4 translocation requires the CAP-dependent activation of TC10. <i>Nature</i> , 2001, 410, 944-948.	27.8	530
2	Insulin Signaling and the Regulation of Glucose Transport. <i>Molecular Medicine</i> , 2004, 10, 65-71.	4.4	383
3	An inhibitor of the protein kinases TBK1 and IKK $\epsilon$ improves obesity-related metabolic dysfunctions in mice. <i>Nature Medicine</i> , 2013, 19, 313-321.	30.7	364
4	The exocyst complex is required for targeting of Glut4 to the plasma membrane by insulin. <i>Nature</i> , 2003, 422, 629-633.	27.8	321
5	The Protein Kinase IKK $\epsilon$ Regulates Energy Balance in Obese Mice. <i>Cell</i> , 2009, 138, 961-975.	28.9	318
6	Wnt10b Inhibits Development of White and Brown Adipose Tissues. <i>Journal of Biological Chemistry</i> , 2004, 279, 35503-35509.	3.4	316
7	Activation of RalA Is Required for Insulin-Stimulated Glut4 Trafficking to the Plasma Membrane via the Exocyst and the Motor Protein Myo1c. <i>Developmental Cell</i> , 2007, 13, 391-404.	7.0	182
8	Fat-specific Protein 27 Regulates Storage of Triacylglycerol. <i>Journal of Biological Chemistry</i> , 2008, 283, 14355-14365.	3.4	169
9	Wnt10b Inhibits Obesity in ob/ob and Agouti Mice. <i>Diabetes</i> , 2007, 56, 295-303.	0.6	154
10	Lipid raft microdomain compartmentalization of TC10 is required for insulin signaling and GLUT4 translocation. <i>Journal of Cell Biology</i> , 2001, 154, 829-840.	5.2	152
11	LXR $\beta$ Is Required for Adipocyte Growth, Glucose Homeostasis, and $\beta$ Cell Function. <i>Journal of Biological Chemistry</i> , 2005, 280, 23024-23031.	3.4	138
12	Inflammation produces catecholamine resistance in obesity via activation of PDE3B by the protein kinases IKK $\mu$ and TBK1. <i>ELife</i> , 2013, 2, e01119.	6.0	118
13	Bone marrow-specific Cap gene deletion protects against high-fat diet-induced insulin resistance. <i>Nature Medicine</i> , 2007, 13, 455-462.	30.7	110
14	Compartmentalization of the Exocyst Complex in Lipid Rafts Controls Glut4 Vesicle Tethering. <i>Molecular Biology of the Cell</i> , 2006, 17, 2303-2311.	2.1	108
15	Gapex-5, a Rab31 Guanine Nucleotide Exchange Factor that Regulates Glut4 Trafficking in Adipocytes. <i>Cell Metabolism</i> , 2007, 5, 59-72.	16.2	96
16	TC10 Is Required for Insulin-Stimulated Glucose Uptake in Adipocytes. <i>Endocrinology</i> , 2007, 148, 27-33.	2.8	78
17	TCGAP, a multidomain Rho GTPase-activating protein involved in insulin-stimulated glucose transport. <i>EMBO Journal</i> , 2003, 22, 2679-2691.	7.8	65
18	Insulin Stimulates Phosphatidylinositol 3-Phosphate Production via the Activation of Rab5. <i>Molecular Biology of the Cell</i> , 2008, 19, 2718-2728.	2.1	50

#	ARTICLE	IF	CITATIONS
19	Cloning and Functional Characterization of Related TC10 Isoforms, a Subfamily of Rho Proteins Involved in Insulin-stimulated Glucose Transport. <i>Journal of Biological Chemistry</i> , 2002, 277, 13067-13073.	3.4	47
20	The Exocytotic Trafficking of TC10 Occurs through both Classical and Nonclassical Secretory Transport Pathways in 3T3L1 Adipocytes. <i>Molecular and Cellular Biology</i> , 2003, 23, 961-974.	2.3	39
21	Vinexin family (SORBS) proteins play different roles in stiffness-sensing and contractile force generation. <i>Journal of Cell Science</i> , 2017, 130, 3517-3531.	2.0	39
22	Genetic Ablation of CD38 Protects against Western Diet-Induced Exercise Intolerance and Metabolic Inflexibility. <i>PLoS ONE</i> , 2015, 10, e0134927.	2.5	37
23	Phosphorylation of the exocyst protein Exo84 by TBK1 promotes insulin-stimulated GLUT4 trafficking. <i>Science Signaling</i> , 2017, 10, .	3.6	34
24	TC10 and Insulin-stimulated Glucose Transport. <i>Methods in Enzymology</i> , 2006, 406, 701-714.	1.0	22