Victor W Hsu

List of Publications by Citations

40 papers	17,331 citations	24 h-index	94 g-index
94 ext. papers	21,159 ext. citations	15.5 avg, IF	6.62 L-index

#	Paper	IF	Citations
40	Ror2 signaling regulates Golgi structure and transport through IFT20 for tumor invasiveness. *Scientific Reports*, **2017**, 7, 1	4.9	14841
39	Stimulation-dependent recycling of integrin beta1 regulated by ARF6 and Rab11. *Traffic*, **2004**, 5, 20-36	5.7	267
38	Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. *Cell*, **2020**, 183, 1520-1535.e14	56.2	211
37	ACAPs are arf6 GTPase-activating proteins that function in the cell periphery. *Journal of Cell Biology* , **2000**, 151, 627-38	7.3	162
36	ARFGAP1 promotes the formation of COPI vesicles, suggesting function as a component of the coat. *Journal of Cell Biology*, **2002**, 159, 69-78	7.3	154
35	A traffic-activated Golgi-based signalling circuit coordinates the secretory pathway. *Nature Cell Biology*, **2008**, 10, 912-22	23.4	150
34	CtBP3/BARS drives membrane fission in dynamin-independent transport pathways. *Nature Cell Biology*, **2005**, 7, 570-80	23.4	149
33	A role for phosphatidic acid in COPI vesicle fission yields insights into Golgi maintenance. *Nature Cell Biology*, **2008**, 10, 1146-53	23.4	135
32	Phosphorylation of ACAP1 by Akt regulates the stimulation-dependent recycling of integrin beta1 to control cell migration. *Developmental Cell*, **2005**, 9, 663-73	10.2	131
31	ARFGAP1 plays a central role in coupling COPI cargo sorting with vesicle formation. *Journal of Cell Biology*, **2005**, 168, 281-90	7.3	111
30	COPI acts in both vesicular and tubular transport. *Nature Cell Biology*, **2011**, 13, 996-1003	23.4	93
29	Getting active: protein sorting in endocytic recycling. *Nature Reviews Molecular Cell Biology*, **2012**, 13, 323-8	48.7	91
28	Transport at the recycling endosome. *Current Opinion in Cell Biology*, **2010**, 22, 528-34	9	88
27	ACAP1 promotes endocytic recycling by recognizing recycling sorting signals. *Developmental Cell*, **2004**, 7, 771-6	10.2	88
26	An ACAP1-containing clathrin coat complex for endocytic recycling. *Journal of Cell Biology*, **2007**, 178, 453-64	7.3	87
25	A role for BARS at the fission step of COPI vesicle formation from Golgi membrane. *EMBO Journal*, **2005**, 24, 4133-43	13	81
24	Coordinated regulation of bidirectional COPI transport at the Golgi by CDC42. *Nature*, **2015**, 521, 529-32	50.4	64

23	A Rab3a-dependent complex essential for lysosome positioning and plasma membrane repair. *Journal of Cell Biology*, **2016**, 213, 631-40	7.3	57
22	Key components of the fission machinery are interchangeable. *Nature Cell Biology*, **2006**, 8, 1376-82	23.4	54
21	The evolving understanding of COPI vesicle formation. *Nature Reviews Molecular Cell Biology*, **2009**, 10, 360-4	48.7	51
20	Cdc42 and Cellular Polarity: Emerging Roles at the Golgi. *Trends in Cell Biology*, **2016**, 26, 241-248	18.3	45
19	ARFGAP1 promotes AP-2-dependent endocytosis. *Nature Cell Biology*, **2011**, 13, 559-67	23.4	32
18	Mechanisms of COPI vesicle formation. *FEBS Letters*, **2009**, 583, 3758-63	3.8	31
17	A PH domain in ACAP1 possesses key features of the BAR domain in promoting membrane curvature. *Developmental Cell*, **2014**, 31, 73-86	10.2	25
16	Mechanistic insights into regulated cargo binding by ACAP1 protein. *Journal of Biological Chemistry*, **2012**, 287, 28675-85	5.4	21
15	Disrupted N-linked glycosylation as a disease mechanism in deficiency of ADA2. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1363-1365.e8	11.5	20
14	GAPDH inhibits intracellular pathways during starvation for cellular energy homeostasis. *Nature*, **2018**, 561, 263-267	50.4	20
13	Transcriptional regulation of the murine TCR zeta gene. *International Immunology*, **1995**, 7, 1627-35	4.9	13
12	Structural characterization of coatomer in its cytosolic state. *Protein and Cell*, **2016**, 7, 586-600	7.2	9
11	Role of ArfGAP1 in COPI vesicle biogenesis. *Cellular Logistics*, **2011**, 1, 55-56		9
10	GRASP55 regulates intra-Golgi localization of glycosylation enzymes to control glycosphingolipid biosynthesis. *EMBO Journal*, **2021**, 40, e107766	13	8
9	ALDH7A1 inhibits the intracellular transport pathways during hypoxia and starvation to promote cellular energy homeostasis. *Nature Communications*, **2019**, 10, 4068	17.4	6
8	The late stage of COPI vesicle fission requires shorter forms of phosphatidic acid and diacylglycerol. *Nature Communications*, **2019**, 10, 3409	17.4	5
7	The protein kinase Akt acts as a coat adaptor in endocytic recycling. *Nature Cell Biology*, **2020**, 22, 927-933	23.4	4
6	Combined immunodeficiency due to a mutation in the δ subunit of the coat protein I complex. *Journal of Clinical Investigation*, **2021**, 131,	15.9	4

5	Reconstitution of COPI Vesicle and Tubule Formation. *Methods in Molecular Biology*, **2016**, 1496, 63-74	1.4	2
4	An ACAP1 coat complex acting in endocytic recycling. *Methods in Cell Biology*, **2015**, 130, 81-99	1.8	1
3	ACAP1 assembles into an unusual protein lattice for membrane deformation through multiple stages. *PLoS Computational Biology*, **2019**, 15, e1007081	5	1
2	Connecting COPD GWAS Genes: FAM13A Controls TGF Secretion by Modulating AP-3 Transport. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 65, 532-543	5.7	1
1	Coordination of Grp1 recruitment mechanisms by its phosphorylation. *Molecular Biology of the Cell*, **2020**, 31, 2816-2825	3.5	0