

# Victor W Hsu

## List of Publications by Year in descending order

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42  
papers

29,272  
citations

236612

25  
h-index

253896

43  
g-index

94  
all docs

94  
docs citations

94  
times ranked

63852  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ror2 signaling regulates Golgi structure and transport through IFT20 for tumor invasiveness. <i>Scientific Reports</i> , 2017, 7, 1.	1.6	26,112
2	Î²-Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. <i>Cell</i> , 2020, 183, 1520-1535.e14.	13.5	441
3	Stimulation-Dependent Recycling of Integrin Î²1 Regulated by ARF6 and Rab11. <i>Traffic</i> , 2004, 5, 20-36.	1.3	300
4	Acaps Are Arf6 Gtpase-Activating Proteins That Function in the Cell Periphery. <i>Journal of Cell Biology</i> , 2000, 151, 627-638.	2.3	175
5	A traffic-activated Golgi-based signalling circuit coordinates the secretory pathway. <i>Nature Cell Biology</i> , 2008, 10, 912-922.	4.6	175
6	ARFGAP1 promotes the formation of COPI vesicles, suggesting function as a component of the coat. <i>Journal of Cell Biology</i> , 2002, 159, 69-78.	2.3	174
7	CtBP3/BARS drives membrane fission in dynamin-independent transport pathways. <i>Nature Cell Biology</i> , 2005, 7, 570-580.	4.6	162
8	A role for phosphatidic acid in COPI vesicle fission yields insights into Golgi maintenance. <i>Nature Cell Biology</i> , 2008, 10, 1146-1153.	4.6	147
9	Phosphorylation of ACAP1 by Akt Regulates the Stimulation-Dependent Recycling of Integrin Î²1 to Control Cell Migration. <i>Developmental Cell</i> , 2005, 9, 663-673.	3.1	140
10	ARFGAP1 plays a central role in coupling COPI cargo sorting with vesicle formation. <i>Journal of Cell Biology</i> , 2005, 168, 281-290.	2.3	128
11	Transport at the recycling endosome. <i>Current Opinion in Cell Biology</i> , 2010, 22, 528-534.	2.6	112
12	COPI acts in both vesicular and tubular transport. <i>Nature Cell Biology</i> , 2011, 13, 996-1003.	4.6	108
13	Getting active: protein sorting in endocytic recycling. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 323-328.	16.1	105
14	ACAP1 Promotes Endocytic Recycling by Recognizing Recycling Sorting Signals. <i>Developmental Cell</i> , 2004, 7, 771-776.	3.1	97
15	An ACAP1-containing clathrin coat complex for endocytic recycling. <i>Journal of Cell Biology</i> , 2007, 178, 453-464.	2.3	97
16	A role for BARS at the fission step of COPI vesicle formation from Golgi membrane. <i>EMBO Journal</i> , 2005, 24, 4133-4143.	3.5	93
17	A Rab3a-dependent complex essential for lysosome positioning and plasma membrane repair. <i>Journal of Cell Biology</i> , 2016, 213, 631-640.	2.3	85
18	Coordinated regulation of bidirectional COPI transport at the Golgi by CDC42. <i>Nature</i> , 2015, 521, 529-532.	13.7	78

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19	Key components of the fission machinery are interchangeable. <i>Nature Cell Biology</i> , 2006, 8, 1376-1382.	4.6	70
20	The evolving understanding of COPI vesicle formation. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 360-364.	16.1	64
21	Cdc42 and Cellular Polarity: Emerging Roles at the Golgi. <i>Trends in Cell Biology</i> , 2016, 26, 241-248.	3.6	64
22	Mechanisms of COPI vesicle formation. <i>FEBS Letters</i> , 2009, 583, 3758-3763.	1.3	39
23	ARFGAP1 promotes AP-2-dependent endocytosis. <i>Nature Cell Biology</i> , 2011, 13, 559-567.	4.6	36
24	A PH Domain in ACAP1 Possesses Key Features of the BAR Domain in Promoting Membrane Curvature. <i>Developmental Cell</i> , 2014, 31, 73-86.	3.1	32
25	GAPDH inhibits intracellular pathways during starvation for cellular energy homeostasis. <i>Nature</i> , 2018, 561, 263-267.	13.7	28
26	Disrupted N-linked glycosylation as a disease mechanism in deficiency of ADA2. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1363-1365.e8.	1.5	28
27	GRASP55 regulates intra-Golgi localization of glycosylation enzymes to control glycosphingolipid biosynthesis. <i>EMBO Journal</i> , 2021, 40, e107766.	3.5	26
28	Mechanistic Insights into Regulated Cargo Binding by ACAP1 Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 28675-28685.	1.6	25
29	Role of ArfGAP1 in COPI vesicle biogenesis. <i>Cellular Logistics</i> , 2011, 1, 55-56.	0.9	16
30	ALDH7A1 inhibits the intracellular transport pathways during hypoxia and starvation to promote cellular energy homeostasis. <i>Nature Communications</i> , 2019, 10, 4068.	5.8	15
31	Combined immunodeficiency due to a mutation in the $\beta$ 1 subunit of the coat protein I complex. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	15
32	Transcriptional regulation of the murine TCR $\alpha$ gene. <i>International Immunology</i> , 1995, 7, 1627-1635.	1.8	13
33	The protein kinase Akt acts as a coat adaptor in endocytic recycling. <i>Nature Cell Biology</i> , 2020, 22, 927-933.	4.6	13
34	Structural characterization of coatomer in its cytosolic state. <i>Protein and Cell</i> , 2016, 7, 586-600.	4.8	12
35	The late stage of COPI vesicle fission requires shorter forms of phosphatidic acid and diacylglycerol. <i>Nature Communications</i> , 2019, 10, 3409.	5.8	11
36	Structural insights into membrane remodeling by SNX1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	11

#	ARTICLE	IF	CITATIONS
37	Connecting COPD GWAS Genes: FAM13A Controls TGF $\beta$ 2 Secretion by Modulating AP-3 Transport. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 532-543.	1.4	4
38	An ACAP1 coat complex acting in endocytic recycling. Methods in Cell Biology, 2015, 130, 81-99.	0.5	3
39	Reconstitution of COPI Vesicle and Tubule Formation. Methods in Molecular Biology, 2016, 1496, 63-74.	0.4	3
40	ACAP1 assembles into an unusual protein lattice for membrane deformation through multiple stages. PLoS Computational Biology, 2019, 15, e1007081.	1.5	2
41	Trafficking-defective mutant PROKR2 cycles between endoplasmic reticulum and Golgi to attenuate endoplasmic reticulum stress. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	2
42	Coordination of Grp1 recruitment mechanisms by its phosphorylation. Molecular Biology of the Cell, 2020, 31, 2816-2825.	0.9	1