

# Victor W Hsu

## List of Publications by Year in descending order

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42  
papers

29,272  
citations

236925  
25  
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254184  
43  
g-index

94  
all docs

94  
docs citations

94  
times ranked

63852  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, .	7.1	2
2	Combined immunodeficiency due to a mutation in the $\beta$ 1 subunit of the coat protein I complex. Journal of Clinical Investigation, 2021, 131, .	8.2	15
3	Structural insights into membrane remodeling by SNX1. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
4	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.	2.9	4
5	GRASP55 regulates intra-Golgi localization of glycosylation enzymes to control glycosphingolipid biosynthesis. EMBO Journal, 2021, 40, e107766.	7.8	26
6	Coordination of Grp1 recruitment mechanisms by its phosphorylation. Molecular Biology of the Cell, 2020, 31, 2816-2825.	2.1	1
7	$\beta$ 2-Coronaviruses Use Lysosomes for Egress Instead of the Biosynthetic Secretory Pathway. Cell, 2020, 183, 1520-1535.e14.	28.9	441
8	The protein kinase Akt acts as a coat adaptor in endocytic recycling. Nature Cell Biology, 2020, 22, 927-933.	10.3	13
9	ACAP1 assembles into an unusual protein lattice for membrane deformation through multiple stages. PLoS Computational Biology, 2019, 15, e1007081.	3.2	2
10	The late stage of COPI vesicle fission requires shorter forms of phosphatidic acid and diacylglycerol. Nature Communications, 2019, 10, 3409.	12.8	11
11	ALDH7A1 inhibits the intracellular transport pathways during hypoxia and starvation to promote cellular energy homeostasis. Nature Communications, 2019, 10, 4068.	12.8	15
12	GAPDH inhibits intracellular pathways during starvation for cellular energy homeostasis. Nature, 2018, 561, 263-267.	27.8	28
13	Disrupted N-linked glycosylation as a disease mechanism in deficiency of ADA2. Journal of Allergy and Clinical Immunology, 2018, 142, 1363-1365.e8.	2.9	28
14	Ror2 signaling regulates Golgi structure and transport through IFT20 for tumor invasiveness. Scientific Reports, 2017, 7, 1.	3.3	26,112
15	Structural characterization of coatamer in its cytosolic state. Protein and Cell, 2016, 7, 586-600.	11.0	12
16	Reconstitution of COPI Vesicle and Tubule Formation. Methods in Molecular Biology, 2016, 1496, 63-74.	0.9	3
17	A Rab3a-dependent complex essential for lysosome positioning and plasma membrane repair. Journal of Cell Biology, 2016, 213, 631-640.	5.2	85
18	Cdc42 and Cellular Polarity: Emerging Roles at the Golgi. Trends in Cell Biology, 2016, 26, 241-248.	7.9	64

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19	An ACAP1 coat complex acting in endocytic recycling. <i>Methods in Cell Biology</i> , 2015, 130, 81-99.	1.1	3
20	Coordinated regulation of bidirectional COPI transport at the Golgi by CDC42. <i>Nature</i> , 2015, 521, 529-532.	27.8	78
21	A PH Domain in ACAP1 Possesses Key Features of the BAR Domain in Promoting Membrane Curvature. <i>Developmental Cell</i> , 2014, 31, 73-86.	7.0	32
22	Mechanistic Insights into Regulated Cargo Binding by ACAP1 Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 28675-28685.	3.4	25
23	Getting active: protein sorting in endocytic recycling. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 323-328.	37.0	105
24	COPI acts in both vesicular and tubular transport. <i>Nature Cell Biology</i> , 2011, 13, 996-1003.	10.3	108
25	ARFGAP1 promotes AP-2-dependent endocytosis. <i>Nature Cell Biology</i> , 2011, 13, 559-567.	10.3	36
26	Role of ArfGAP1 in COPI vesicle biogenesis. <i>Cellular Logistics</i> , 2011, 1, 55-56.	0.9	16
27	Transport at the recycling endosome. <i>Current Opinion in Cell Biology</i> , 2010, 22, 528-534.	5.4	112
28	Mechanisms of COPI vesicle formation. <i>FEBS Letters</i> , 2009, 583, 3758-3763.	2.8	39
29	The evolving understanding of COPI vesicle formation. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 360-364.	37.0	64
30	A traffic-activated Golgi-based signalling circuit coordinates the secretory pathway. <i>Nature Cell Biology</i> , 2008, 10, 912-922.	10.3	175
31	A role for phosphatidic acid in COPI vesicle fission yields insights into Golgi maintenance. <i>Nature Cell Biology</i> , 2008, 10, 1146-1153.	10.3	147
32	An ACAP1-containing clathrin coat complex for endocytic recycling. <i>Journal of Cell Biology</i> , 2007, 178, 453-464.	5.2	97
33	Key components of the fission machinery are interchangeable. <i>Nature Cell Biology</i> , 2006, 8, 1376-1382.	10.3	70
34	CtBP3/BARS drives membrane fission in dynamin-independent transport pathways. <i>Nature Cell Biology</i> , 2005, 7, 570-580.	10.3	162
35	A role for BARS at the fission step of COPI vesicle formation from Golgi membrane. <i>EMBO Journal</i> , 2005, 24, 4133-4143.	7.8	93
36	ARFGAP1 plays a central role in coupling COPI cargo sorting with vesicle formation. <i>Journal of Cell Biology</i> , 2005, 168, 281-290.	5.2	128

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37	Phosphorylation of ACAP1 by Akt Regulates the Stimulation-Dependent Recycling of Integrin $\alpha$ 21 to Control Cell Migration. Developmental Cell, 2005, 9, 663-673.	7.0	140
38	Stimulation-Dependent Recycling of Integrin $\alpha$ 21 Regulated by ARF6 and Rab11. Traffic, 2004, 5, 20-36.	2.7	300
39	ACAP1 Promotes Endocytic Recycling by Recognizing Recycling Sorting Signals. Developmental Cell, 2004, 7, 771-776.	7.0	97
40	ARFGAP1 promotes the formation of COPI vesicles, suggesting function as a component of the coat. Journal of Cell Biology, 2002, 159, 69-78.	5.2	174
41	Acaps Are Arf6 Gtpase-Activating Proteins That Function in the Cell Periphery. Journal of Cell Biology, 2000, 151, 627-638.	5.2	175
42	Transcriptional regulation of the murine TCR $\alpha$ gene. International Immunology, 1995, 7, 1627-1635.	4.0	13