Fang-Jen S Lee

List of Publications by Year in Descending Order

62 papers	1,318 citations	20 h-index	34 g-index
64 ext. papers	1,493 ext. citations	6.1 avg, IF	3.99 L-index

#	Paper	IF	Citations
62	Golgin Imh1 and GARP complex cooperate to restore the impaired SNARE recycling transport induced by ER stress.. *Cell Reports*, **2022**, 38, 110488	10.6	1
61	Cooperative recruitment of Arl4A and Pak1 to the plasma membrane contributes to sustained Pak1 activation for cell migration. *Journal of Cell Science*, **2020**, 133,	5.3	3
60	Arl4D-EB1 interaction promotes centrosomal recruitment of EB1 and microtubule growth. *Molecular Biology of the Cell*, **2020**, 31, 2348-2362	3.5	1
59	ARF GTPases and their GEFs and GAPs: concepts and challenges. *Molecular Biology of the Cell*, **2019**, 30, 1249-1271	3.5	86
58	Action of Arl1 GTPase and golgin Imh1 in Ypt6-independent retrograde transport from endosomes to the trans-Golgi network. *Molecular Biology of the Cell*, **2019**, 30, 1008-1019	3.5	4
57	ADP-ribosylation factor-like 4A interacts with Robo1 to promote cell migration by regulating Cdc42 activation. *Molecular Biology of the Cell*, **2019**, 30, 69-81	3.5	5
56	Multiple activities of Arl1 GTPase in the trans-Golgi network. *Journal of Cell Science*, **2017**, 130, 1691-1699	5.3	14
55	The Arl3 and Arl1 GTPases co-operate with Cog8 to regulate selective autophagy via Atg9 trafficking. *Traffic*, **2017**, 18, 580-589	5.7	11
54	ADP-ribosylation factor-like 4C binding to filamin-A modulates filopodium formation and cell migration. *Molecular Biology of the Cell*, **2017**, 28, 3013-3028	3.5	19
53	Unfolded protein response regulates yeast small GTPase Arl1p activation at late Golgi via phosphorylation of Arf GEF Syt1p. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E1683-90	11.5	9
52	Snf1/AMP-activated protein kinase activates Arf3p to promote invasive yeast growth via a non-canonical GEF domain. *Nature Communications*, **2015**, 6, 7840	17.4	5
51	Mechanism of action of the flippase Drs2p in modulating GTP hydrolysis of Arl1p. *Journal of Cell Science*, **2014**, 127, 2615-20	5.3	4
50	Arl1p regulates spatial membrane organization at the trans-Golgi network through interaction with Arf-GEF Gea2p and flippase Drs2p. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E668-77	11.5	48
49	Arf3p GTPase is a key regulator of Bud2p activation for invasive growth in Saccharomyces cerevisiae. *Molecular Biology of the Cell*, **2013**, 24, 2328-39	3.5	7
48	CBAP functions as a novel component in chemokine-induced ZAP70-mediated T-cell adhesion and migration. *PLoS ONE*, **2013**, 8, e61761	3.7	6
47	The N-terminus of Vps74p is essential for the retention of glycosyltransferases in the Golgi but not for the modulation of apical polarized growth in Saccharomyces cerevisiae. *PLoS ONE*, **2013**, 8, e74715	3.7	5
46	Developing methods to enhancing cell engraftment in a genetically engineered mouse model. *FASEB Journal*, **2013**, 27, 1181.4	0.9	

45	The RNA helicase Dhh1p cooperates with Rbp1p to promote porin mRNA decay via its non-conserved C-terminal domain. *Nucleic Acids Research*, **2012**, 40, 1331-44	20.1	11
44	Identification of a novel function of the clathrin-coated structure at the plasma membrane in facilitating GM-CSF receptor-mediated activation of JAK2. *Cell Cycle*, **2012**, 11, 3611-26	4.7	11
43	Competition between the golgin Imh1p and the GAP Gcs1p stabilizes activated Arl1p at the late-Golgi. *Journal of Cell Science*, **2012**, 125, 4586-96	5.3	8
42	GTP-binding-defective ARL4D alters mitochondrial morphology and membrane potential. *PLoS ONE* , **2012**, 7, e43552	3.7	12
41	Investigation of the Dravet syndrome using a mouse model. *FASEB Journal*, **2012**, 26, 1035.14	0.9	
40	Acetylation of yeast AMPK controls intrinsic aging independently of caloric restriction. *Cell*, **2011**, 146, 969-79	56.2	114
39	ARL4A acts with GCC185 to modulate Golgi complex organization. *Journal of Cell Science*, **2011**, 124, 4014-26	5.3	30
38	The Arf family GTPase Arl4A complexes with ELMO proteins to promote actin cytoskeleton remodeling and reveals a versatile Ras-binding domain in the ELMO proteins family. *Journal of Biological Chemistry*, **2011**, 286, 38969-79	5.4	31
37	Identification and characterization of SARS-CoV protein 3a and its interacting cellular proteins. *FASEB Journal*, **2011**, 25, lb101	0.9	
36	Syt1p promotes activation of Arl1p at the late Golgi to recruit Imh1p. *Journal of Cell Science*, **2010**, 123, 3478-89	5.3	20
35	Afi1p functions as an Arf3p polarization-specific docking factor for development of polarity. *Journal of Biological Chemistry*, **2008**, 283, 16915-27	5.4	12
34	ARL4D recruits cytohesin-2/ARNO to modulate actin remodeling. *Molecular Biology of the Cell*, **2007**, 18, 4420-37	3.5	68
33	Arl1p is involved in transport of the GPI-anchored protein Gas1p from the late Golgi to the plasma membrane. *Journal of Cell Science*, **2006**, 119, 3845-55	5.3	35
32	Determinants of Rbp1p localization in specific cytoplasmic mRNA-processing foci, P-bodies. *Journal of Biological Chemistry*, **2006**, 281, 29379-90	5.4	10
31	Role for Gcs1p in regulation of Arl1p at trans-Golgi compartments. *Molecular Biology of the Cell*, **2005**, 16, 4024-33	3.5	37
30	The yeast RNA-binding protein Rbp1p modifies the stability of mitochondrial porin mRNA. *Journal of Biological Chemistry*, **2004**, 279, 453-62	5.4	10
29	Identification of a novel protein 3a from severe acute respiratory syndrome coronavirus. *FEBS Letters*, **2004**, 565, 111-6	3.8	61
28	Functional characterization and localization of acetyl-CoA hydrolase, Ach1p, in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **2003**, 278, 17203-9	5.4	39

27	Role for Arf3p in development of polarity, but not endocytosis, in Saccharomyces cerevisiae. *Molecular Biology of the Cell*, **2003**, 14, 3834-47	3.5	33
26	A developmentally regulated ARF-like 5 protein (ARL5), localized to nuclei and nucleoli, interacts with heterochromatin protein 1. *Journal of Cell Science*, **2002**, 115, 4433-45	5.3	35
25	The yeast ADP-ribosylation factor GAP, Gcs1p, is involved in maintenance of mitochondrial morphology. *Journal of Cell Science*, **2002**, 115, 275-282	5.3	14
24	Differential secretion of Sap4-6 proteins in Candida albicans during hyphae formation. *Microbiology (United Kingdom)*, **2002**, 148, 3743-3754	2.9	35
23	The yeast ADP-ribosylation factor GAP, Gcs1p, is involved in maintenance of mitochondrial morphology. *Journal of Cell Science*, **2002**, 115, 275-82	5.3	9
22	Purification, properties, and analysis of yARL3. *Methods in Enzymology*, **2001**, 329, 417-23	1.7	
21	ARL4, an ARF-like protein that is developmentally regulated and localized to nuclei and nucleoli. *Journal of Biological Chemistry*, **2000**, 275, 37815-23	5.4	38
20	Structural elements of ADP-ribosylation factor 1 required for functional interaction with cytohesin-1. *Journal of Biological Chemistry*, **1999**, 274, 12438-44	5.4	8
19	Characterization of a novel ADP-ribosylation factor-like protein (yARL3) in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **1999**, 274, 3819-27	5.4	38
18	Phospholipid- and GTP-dependent activation of cholera toxin and phospholipase D by human ADP-ribosylation factor-like protein 1 (HARL1). *Journal of Biological Chemistry*, **1998**, 273, 15872-6	5.4	30
17	Characterization of an ADP-ribosylation factor-like 1 protein in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **1997**, 272, 30998-1005	5.4	78
16	Identification and characterization of an ADP-ribosylation factor in Plasmodium falciparum. *Molecular and Biochemical Parasitology*, **1997**, 87, 217-23	1.9	10
15	A N(alpha)-acetyltransferase selectively transfers an acetyl group to NH2-terminal methionine residues: purification and partial characterization. *BBA - Proteins and Proteomics*, **1997**, 1338, 244-52		5
14	Acetyl-CoA hydrolase involved in acetate utilization in Saccharomyces cerevisiae. *BBA - Proteins and Proteomics*, **1996**, 1297, 105-9		17
13	Different ARF domains are required for the activation of cholera toxin and phospholipase D. *Journal of Biological Chemistry*, **1995**, 270, 21-4	5.4	74
12	Cloning of a Saccharomyces cerevisiae gene encoding a protein homologous to allantoicase of Neurospora crassa. *Yeast*, **1991**, 7, 993-5	3.4	10
11	Structural organization of the rat acyl-peptide hydrolase gene. *Nucleic Acids Research*, **1989**, 17, 4397-409	10.1	4
10	Purification and characterization of an acetyl-CoA hydrolase from Saccharomyces cerevisiae. *FEBS Journal*, **1989**, 184, 21-8		13

List of Publications

9	Effect of temperature andhtpRon the biosynthesis of superoxide dismutase inEscherichia coli. *FEMS Microbiology Letters*, **1989**, 58, 133-137	2.9	5
8	N alpha-acetyltransferase deficiency alters protein synthesis in Saccharomyces cerevisiae. *FEBS Letters*, **1989**, 256, 139-42	3.8	30
7	NAcetylation of Eukaryotic Proteins: Purification and Characterization of Yeast NAcetyltransferase and Acetylcoenzyme A Hydrolase **1989**, 352-355		
6	Stability and expression of a plasmid-containing killer toxin cDNA in batch and chemostat cultures of saccharomyces cerevisiae. *Biotechnology and Bioengineering*, **1988**, 31, 783-9	4.9	13
5	Biosynthesis of superoxide dismutase and catalase in chemostat culture of Saccharomyces cerevisiae. *Applied Microbiology and Biotechnology*, **1987**, 26, 531-536	5.7	19
4	Effect of oxygen tension on stability and expression of a killer toxin chimeric plasmid in a chemostat culture of Saccharomyces cerevisiae. *Applied Microbiology and Biotechnology*, **1987**, 27, 72	5.7	17
3	Biosynthesis of superoxide dismutase and catalase inSaccharomyces cerevisiae: effects of oxygen and cytochromec deficiency. *Journal of Industrial Microbiology*, **1986**, 1, 187-193		11
2	Biosynthesis of superoxide dismutase in Saccharomyces cerevisiae: effects of paraquat and copper. *Journal of Free Radicals in Biology & Medicine*, **1985**, 1, 319-25		25
1	Arf-like protein 4D. *The AFCS-nature Molecule Pages*,		10