

Fang-Jen S Lee

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Acetylation of yeast AMPK controls intrinsic aging independently of caloric restriction. <i>Cell</i> , 2011 , 146, 969-79	56.2	114
61	ARF GTPases and their GEFs and GAPs: concepts and challenges. <i>Molecular Biology of the Cell</i> , 2019 , 30, 1249-1271	3.5	86
60	Characterization of an ADP-ribosylation factor-like 1 protein in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1997 , 272, 30998-1005	5.4	78
59	Different ARF domains are required for the activation of cholera toxin and phospholipase D. <i>Journal of Biological Chemistry</i> , 1995 , 270, 21-4	5.4	74
58	ARL4D recruits cytohesin-2/ARNO to modulate actin remodeling. <i>Molecular Biology of the Cell</i> , 2007 , 18, 4420-37	3.5	68
57	Identification of a novel protein 3a from severe acute respiratory syndrome coronavirus. <i>FEBS Letters</i> , 2004 , 565, 111-6	3.8	61
56	Arl1p regulates spatial membrane organization at the trans-Golgi network through interaction with Arf-GEF Gea2p and flippase Drs2p. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E668-77	11.5	48
55	Functional characterization and localization of acetyl-CoA hydrolase, Ach1p, in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2003 , 278, 17203-9	5.4	39
54	ARL4, an ARF-like protein that is developmentally regulated and localized to nuclei and nucleoli. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37815-23	5.4	38
53	Characterization of a novel ADP-ribosylation factor-like protein (yARL3) in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1999 , 274, 3819-27	5.4	38
52	Role for Gcs1p in regulation of Arl1p at trans-Golgi compartments. <i>Molecular Biology of the Cell</i> , 2005 , 16, 4024-33	3.5	37
51	Arl1p is involved in transport of the GPI-anchored protein Gas1p from the late Golgi to the plasma membrane. <i>Journal of Cell Science</i> , 2006 , 119, 3845-55	5.3	35
50	A developmentally regulated ARF-like 5 protein (ARL5), localized to nuclei and nucleoli, interacts with heterochromatin protein 1. <i>Journal of Cell Science</i> , 2002 , 115, 4433-45	5.3	35
49	Differential secretion of Sap4-6 proteins in <i>Candida albicans</i> during hyphae formation. <i>Microbiology (United Kingdom)</i> , 2002 , 148, 3743-3754	2.9	35
48	Role for Arf3p in development of polarity, but not endocytosis, in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2003 , 14, 3834-47	3.5	33
47	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. <i>Journal of Biological Chemistry</i> , 2011 , 286, 38969-79	5.4	31
46	ARL4A acts with GCC185 to modulate Golgi complex organization. <i>Journal of Cell Science</i> , 2011 , 124, 4014-26	5.3	30

45	Phospholipid- and GTP-dependent activation of cholera toxin and phospholipase D by human ADP-ribosylation factor-like protein 1 (HARL1). <i>Journal of Biological Chemistry</i> , 1998 , 273, 15872-6	5.4	30
44	N alpha-acetyltransferase deficiency alters protein synthesis in <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 1989 , 256, 139-42	3.8	30
43	Biosynthesis of superoxide dismutase in <i>Saccharomyces cerevisiae</i> : effects of paraquat and copper. <i>Journal of Free Radicals in Biology & Medicine</i> , 1985 , 1, 319-25		25
42	Syt1p promotes activation of Arl1p at the late Golgi to recruit Imh1p. <i>Journal of Cell Science</i> , 2010 , 123, 3478-89	5.3	20
41	ADP-ribosylation factor-like 4C binding to filamin-A modulates filopodium formation and cell migration. <i>Molecular Biology of the Cell</i> , 2017 , 28, 3013-3028	3.5	19
40	Biosynthesis of superoxide dismutase and catalase in chemostat culture of <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 1987 , 26, 531-536	5.7	19
39	Acetyl-CoA hydrolase involved in acetate utilization in <i>Saccharomyces cerevisiae</i> . <i>BBA - Proteins and Proteomics</i> , 1996 , 1297, 105-9		17
38	Effect of oxygen tension on stability and expression of a killer toxin chimeric plasmid in a chemostat culture of <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 1987 , 27, 72	5.7	17
37	Multiple activities of Arl1 GTPase in the trans-Golgi network. <i>Journal of Cell Science</i> , 2017 , 130, 1691-1699	5.3	14
36	The yeast ADP-ribosylation factor GAP, Gcs1p, is involved in maintenance of mitochondrial morphology. <i>Journal of Cell Science</i> , 2002 , 115, 275-282	5.3	14
35	Purification and characterization of an acetyl-CoA hydrolase from <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1989 , 184, 21-8		13
34	Stability and expression of a plasmid-containing killer toxin cDNA in batch and chemostat cultures of <i>saccharomyces cerevisiae</i> . <i>Biotechnology and Bioengineering</i> , 1988 , 31, 783-9	4.9	13
33	Afi1p functions as an Arf3p polarization-specific docking factor for development of polarity. <i>Journal of Biological Chemistry</i> , 2008 , 283, 16915-27	5.4	12
32	GTP-binding-defective ARL4D alters mitochondrial morphology and membrane potential. <i>PLoS ONE</i> , 2012 , 7, e43552	3.7	12
31	The Arl3 and Arl1 GTPases co-operate with Cog8 to regulate selective autophagy via Atg9 trafficking. <i>Traffic</i> , 2017 , 18, 580-589	5.7	11
30	The RNA helicase Dhh1p cooperates with Rbp1p to promote porin mRNA decay via its non-conserved C-terminal domain. <i>Nucleic Acids Research</i> , 2012 , 40, 1331-44	20.1	11
29	Identification of a novel function of the clathrin-coated structure at the plasma membrane in facilitating GM-CSF receptor-mediated activation of JAK2. <i>Cell Cycle</i> , 2012 , 11, 3611-26	4.7	11
28	Biosynthesis of superoxide dismutase and catalase in <i>Saccharomyces cerevisiae</i> : effects of oxygen and cytochrome c deficiency. <i>Journal of Industrial Microbiology</i> , 1986 , 1, 187-193		11

27	Identification and characterization of an ADP-ribosylation factor in <i>Plasmodium falciparum</i> . <i>Molecular and Biochemical Parasitology</i> , 1997 , 87, 217-23	1.9	10
26	Determinants of Rbp1p localization in specific cytoplasmic mRNA-processing foci, P-bodies. <i>Journal of Biological Chemistry</i> , 2006 , 281, 29379-90	5.4	10
25	The yeast RNA-binding protein Rbp1p modifies the stability of mitochondrial porin mRNA. <i>Journal of Biological Chemistry</i> , 2004 , 279, 453-62	5.4	10
24	Cloning of a <i>Saccharomyces cerevisiae</i> gene encoding a protein homologous to allantoicase of <i>Neurospora crassa</i> . <i>Yeast</i> , 1991 , 7, 993-5	3.4	10
23	Arf-like protein 4D. <i>The AFCS-nature Molecule Pages</i> ,		10
22	Unfolded protein response regulates yeast small GTPase Arl1p activation at late Golgi via phosphorylation of Arf GEF Syt1p. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E1683-90	11.5	9
21	The yeast ADP-ribosylation factor GAP, Gcs1p, is involved in maintenance of mitochondrial morphology. <i>Journal of Cell Science</i> , 2002 , 115, 275-82	5.3	9
20	Competition between the golgin Imh1p and the GAP Gcs1p stabilizes activated Arl1p at the late-Golgi. <i>Journal of Cell Science</i> , 2012 , 125, 4586-96	5.3	8
19	Structural elements of ADP-ribosylation factor 1 required for functional interaction with cytohesin-1. <i>Journal of Biological Chemistry</i> , 1999 , 274, 12438-44	5.4	8
18	Arf3p GTPase is a key regulator of Bud2p activation for invasive growth in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2013 , 24, 2328-39	3.5	7
17	CBAP functions as a novel component in chemokine-induced ZAP70-mediated T-cell adhesion and migration. <i>PLoS ONE</i> , 2013 , 8, e61761	3.7	6
16	Snf1/AMP-activated protein kinase activates Arf3p to promote invasive yeast growth via a non-canonical GEF domain. <i>Nature Communications</i> , 2015 , 6, 7840	17.4	5
15	A N(alpha)-acetyltransferase selectively transfers an acetyl group to NH2-terminal methionine residues: purification and partial characterization. <i>BBA - Proteins and Proteomics</i> , 1997 , 1338, 244-52		5
14	Effect of temperature and htpR on the biosynthesis of superoxide dismutase in <i>Escherichia coli</i> . <i>FEMS Microbiology Letters</i> , 1989 , 58, 133-137	2.9	5
13	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 <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2013 , 8, e74715	3.7	5
12	ADP-ribosylation factor-like 4A interacts with Robo1 to promote cell migration by regulating Cdc42 activation. <i>Molecular Biology of the Cell</i> , 2019 , 30, 69-81	3.5	5
11	Action of Arl1 GTPase and golgin Imh1 in Ypt6-independent retrograde transport from endosomes to the trans-Golgi network. <i>Molecular Biology of the Cell</i> , 2019 , 30, 1008-1019	3.5	4
10	Mechanism of action of the flippase Drs2p in modulating GTP hydrolysis of Arl1p. <i>Journal of Cell Science</i> , 2014 , 127, 2615-20	5.3	4

9	Structural organization of the rat acyl-peptide hydrolase gene. <i>Nucleic Acids Research</i> , 1989 , 17, 4397-4000.	0.1	4
8	Cooperative recruitment of Arl4A and Pak1 to the plasma membrane contributes to sustained Pak1 activation for cell migration. <i>Journal of Cell Science</i> , 2020 , 133,	5.3	3
7	Arl4D-EB1 interaction promotes centrosomal recruitment of EB1 and microtubule growth. <i>Molecular Biology of the Cell</i> , 2020 , 31, 2348-2362	3.5	1
6	Golgin Imh1 and GARP complex cooperate to restore the impaired SNARE recycling transport induced by ER stress.. <i>Cell Reports</i> , 2022 , 38, 110488	10.6	1
5	Purification, properties, and analysis of yARL3. <i>Methods in Enzymology</i> , 2001 , 329, 417-23	1.7	
4	N ^ε -Acetylation of Eukaryotic Proteins: Purification and Characterization of Yeast N ^ε -Acetyltransferase and Acetylcoenzyme A Hydrolase 1989 , 352-355		
3	Identification and characterization of SARS-CoV protein 3a and its interacting cellular proteins. <i>FASEB Journal</i> , 2011 , 25, lb101	0.9	
2	Investigation of the Dravet syndrome using a mouse model. <i>FASEB Journal</i> , 2012 , 26, 1035.14	0.9	
1	Developing methods to enhancing cell engraftment in a genetically engineered mouse model. <i>FASEB Journal</i> , 2013 , 27, 1181.4	0.9	