

Fang-Jen S Lee

List of Publications by Year in descending order

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61
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304743

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times ranked

1864
citing authors

#	ARTICLE	IF	CITATIONS
1	Golgin Imh1 and GARP complex cooperate to restore the impaired SNARE recycling transport induced by ER stress. <i>Cell Reports</i> , 2022, 38, 110488.	6.4	5
2	Arl4D-EB1 interaction promotes centrosomal recruitment of EB1 and microtubule growth. <i>Molecular Biology of the Cell</i> , 2020, 31, 2348-2362.	2.1	4
3	Arl4A and Pak1 cooperative recruitment to plasma membrane contributes to sustained Pak1 activation for cell migration. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	8
4	ARF GTPases and their GEFs and GAPs: concepts and challenges. <i>Molecular Biology of the Cell</i> , 2019, 30, 1249-1271.	2.1	188
5	Action of Arl1 GTPase and golgin Imh1 in Ypt6-independent retrograde transport from endosomes to the <i>trans</i> -Golgi network. <i>Molecular Biology of the Cell</i> , 2019, 30, 1008-1019.	2.1	9
6	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.	2.1	16
7	Multiple activities of Arl1 GTPase in the <i>trans</i> -Golgi network. <i>Journal of Cell Science</i> , 2017, 130, 1691-1699.	2.0	24
8	The Arl3 and Arl1 GTPases cooperate with Cog8 to regulate selective autophagy via Atg9 trafficking. <i>Traffic</i> , 2017, 18, 580-589.	2.7	15
9	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.	2.1	26
10	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-E1690.	7.1	13
11	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.	12.8	12
12	Mechanism of action of flippase Drs2p in modulating GTP hydrolysis of Arl1p. <i>Journal of Cell Science</i> , 2014, 127, 2615-20.	2.0	6
13	Arl1p regulates spatial membrane organization at the <i>trans</i> -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.	7.1	62
14	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, 2328-2339.	2.1	10
15	CBAP Functions as a Novel Component in Chemokine-Induced ZAP70-Mediated T-Cell Adhesion and Migration. <i>PLoS ONE</i> , 2013, 8, e61761.	2.5	7
16	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.	2.5	5
17	Developing methods to enhancing cell engraftment in a genetically engineered mouse model. <i>FASEB Journal</i> , 2013, 27, 1181.4.	0.5	0
18	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, 1331-1344.	14.5	15

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19	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, 3611-3626.	2.6	12
20	Competition between the golgin Imh1p and the Gcs1p GAP stabilizes activated Arl1p at the late-Golgi. <i>Journal of Cell Science</i> , 2012, 125, 4586-96.	2.0	9
21	GTP-Binding-Defective ARL4D Alters Mitochondrial Morphology and Membrane Potential. <i>PLoS ONE</i> , 2012, 7, e43552.	2.5	15
22	Investigation of the Dravet syndrome using a mouse model. <i>FASEB Journal</i> , 2012, 26, 1035.14.	0.5	0
23	Acetylation of Yeast AMPK Controls Intrinsic Aging Independently of Caloric Restriction. <i>Cell</i> , 2011, 146, 969-979.	28.9	133
24	ARL4A acts with GCC185 to modulate Golgi complex organization. <i>Journal of Cell Science</i> , 2011, 124, 4014-4026.	2.0	33
25	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, 38969-38979.	3.4	42
26	Identification and characterization of SARS-CoV protein 3a and its interacting cellular proteins. <i>FASEB Journal</i> , 2011, 25, lb101.	0.5	0
27	Syt1p promotes activation of Arl1p at the late Golgi to recruit Imh1p. <i>Journal of Cell Science</i> , 2010, 123, 3478-3489.	2.0	24
28	Afl1p Functions as an Arf3p Polarization-specific Docking Factor for Development of Polarity. <i>Journal of Biological Chemistry</i> , 2008, 283, 16915-16927.	3.4	12
29	ARL4D Recruits Cytohesin-2/ARNO to Modulate Actin Remodeling. <i>Molecular Biology of the Cell</i> , 2007, 18, 4420-4437.	2.1	84
30	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, 3845-3855.	2.0	36
31	Determinants of Rbp1p Localization in Specific Cytoplasmic mRNA-processing Foci, P-bodies. <i>Journal of Biological Chemistry</i> , 2006, 281, 29379-29390.	3.4	12
32	Role for Gcs1p in Regulation of Arl1p at Trans-Golgi Compartments. <i>Molecular Biology of the Cell</i> , 2005, 16, 4024-4033.	2.1	39
33	The Yeast RNA-binding Protein Rbp1p Modifies the Stability of Mitochondrial Porin mRNA. <i>Journal of Biological Chemistry</i> , 2004, 279, 453-462.	3.4	14
34	Identification of a novel protein 3a from severe acute respiratory syndrome coronavirus. <i>FEBS Letters</i> , 2004, 565, 111-116.	2.8	70
35	Role for Arf3p in Development of Polarity, but Not Endocytosis, in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2003, 14, 3834-3847.	2.1	34
36	Functional Characterization and Localization of Acetyl-CoA Hydrolase, Ach1p, in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2003, 278, 17203-17209.	3.4	45

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37	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, 4433-4445.	2.0	41
38	Differential secretion of Sap4 proteins in <i>Candida albicans</i> during hyphae formation. <i>Microbiology (United Kingdom)</i> , 2002, 148, 3743-3754.	1.8	43
39	The yeast ADP-ribosylation factor GAP, Gcs1p, is involved in maintenance of mitochondrial morphology. <i>Journal of Cell Science</i> , 2002, 115, 275-282.	2.0	17
40	The yeast ADP-ribosylation factor GAP, Gcs1p, is involved in maintenance of mitochondrial morphology. <i>Journal of Cell Science</i> , 2002, 115, 275-82.	2.0	11
41	[43] Purification, properties, and analysis of yARL3. <i>Methods in Enzymology</i> , 2001, 329, 417-423.	1.0	0
42	ARL4, an ARF-like Protein That Is Developmentally Regulated and Localized to Nuclei and Nucleoli. <i>Journal of Biological Chemistry</i> , 2000, 275, 37815-37823.	3.4	46
43	Structural Elements of ADP-ribosylation Factor 1 Required for Functional Interaction with Cytohesin-1. <i>Journal of Biological Chemistry</i> , 1999, 274, 12438-12444.	3.4	9
44	Characterization of a Novel ADP-ribosylation Factor-like Protein (yARL3) in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 3819-3827.	3.4	41
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, 15872-15876.	3.4	36
46	Characterization of an ADP-ribosylation Factor-like 1 Protein in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 1997, 272, 30998-31005.	3.4	82
47	Identification and characterization of an ADP-ribosylation factor in <i>Plasmodium falciparum</i> 1 Note: The nucleotide sequence has been submitted to the GenBank with the accession number U40228.1. <i>Molecular and Biochemical Parasitology</i> , 1997, 87, 217-223.	1.1	10
48	A N ⁶ -acetyltransferase selectively transfers an acetyl group to NH ₂ -terminal methionine residues: purification and partial characterization. <i>BBA - Proteins and Proteomics</i> , 1997, 1338, 244-252.	2.1	6
49	Acetyl-CoA hydrolase involved in acetate utilization in <i>Saccharomyces cerevisiae</i> . <i>BBA - Proteins and Proteomics</i> , 1996, 1297, 105-109.	2.1	21
50	Different ARF Domains Are Required for the Activation of Cholera Toxin and Phospholipase D. <i>Journal of Biological Chemistry</i> , 1995, 270, 21-24.	3.4	84
51	Cloning of a <i>Saccharomyces cerevisiae</i> gene encoding a protein homologous to allantoicase of <i>Neurospora crassa</i> . <i>Yeast</i> , 1991, 7, 993-995.	1.7	10
52	Structural organization of the rat acyl-peptide hydrolase gene. <i>Nucleic Acids Research</i> , 1989, 17, 4397-4400.	14.5	5
53	Purification and characterization of an acetyl-CoA hydrolase from <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 1989, 184, 21-28.	0.2	16
54	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.	1.8	5

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55	N ⁶ -acetyltransferase deficiency alters protein synthesis in <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , 1989, 256, 139-142.	2.8	35
56	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, 783-789.	3.3	15
57	Biosynthesis of superoxide dismutase and catalase in chemostat culture of <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 1987, 26, 531-536.	3.6	21
58	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.	3.6	17
59	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.	0.9	14
60	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, 319-325.	2.1	28
61	Arf-like protein 4D. <i>The AFCS-nature Molecule Pages</i> , 0, , .	0.2	11