# Fang-Jen S Lee

List of Publications by Year
in descending order



| 61 | 1,663 | 304743 | 315739 |
|---|---|---|---|
| papers | citations | 22 h-index | 38 g-index |

| 64 | 64 | 64 | 1864 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ARF GTPases and their GEFs and GAPs: concepts and challenges. Molecular Biology of the Cell, 2019, 30, 1249-1271. | 2.1 | 188 |
| 2 | Acetylation of Yeast AMPK Controls Intrinsic Aging Independently of Caloric Restriction. Cell, 2011, 146, 969-979. | 28.9 | 133 |
| 3 | Different ARF Domains Are Required for the Activation of Cholera Toxin and Phospholipase D. Journal of Biological Chemistry, 1995, 270, 21-24. | 3.4 | 84 |
| 4 | ARL4D Recruits Cytohesin-2/ARNO to Modulate Actin Remodeling. Molecular Biology of the Cell, 2007, 18, 4420-4437. | 2.1 | 84 |
| 5 | Characterization of an ADP-ribosylation Factor-like 1 Protein inSaccharomyces cerevisiae. Journal of Biological Chemistry, 1997, 272, 30998-31005. | 3.4 | 82 |
| 6 | Identification of a novel protein 3a from severe acute respiratory syndrome coronavirus. FEBS Letters, 2004, 565, 111-116. | 2.8 | 70 |
| 7 | 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. | 7.1 | 62 |
| 8 | ARL4, an ARF-like Protein That Is Developmentally Regulated and Localized to Nuclei and Nucleoli. Journal of Biological Chemistry, 2000, 275, 37815-37823. | 3.4 | 46 |
| 9 | Functional Characterization and Localization of Acetyl-CoA Hydrolase, Ach1p, in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2003, 278, 17203-17209. | 3.4 | 45 |
| 10 | Differential secretion of Sap4â€“6 proteins in Candida albicans during hyphae formation. Microbiology (United Kingdom), 2002, 148, 3743-3754. | 1.8 | 43 |
| 11 | 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, 38969-38979. | 3.4 | 42 |
| 12 | Characterization of a Novel ADP-ribosylation Factor-like Protein (yARL3) in Saccharomyces cerevisiae. Journal of Biological Chemistry, 1999, 274, 3819-3827. | 3.4 | 41 |
| 13 | A developmentally regulated ARF-like 5 protein (ARL5), localized to nuclei and nucleoli, interacts with heterochromatin protein 1. Journal of Cell Science, 2002, 115, 4433-4445. | 2.0 | 41 |
| 14 | Role for Gcs1p in Regulation of Arl1p atTrans-Golgi Compartments. Molecular Biology of the Cell, 2005, 16, 4024-4033. | 2.1 | 39 |
| 15 | 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, 15872-15876. | 3.4 | 36 |
| 16 | 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, 3845-3855. | 2.0 | 36 |
| 17 | NÎ±-acetyltransferase deficiency alters protein synthesis inSaccharomyces cerevisiae. FEBS Letters, 1989, 256, 139-142. | 2.8 | 35 |
| 18 | Role for Arf3p in Development of Polarity, but Not Endocytosis, inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2003, 14, 3834-3847. | 2.1 | 34 |

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|---|---|---|---|
| 19 | ARL4A acts with GCC185 to modulate Golgi complex organization. Journal of Cell Science, 2011, 124, 4014-4026. | 2.0 | 33 |
| 20 | Biosynthesis of superoxide dismutase in Sacchromyces cerevisiae: Effects of paraquat and copper. Journal of Free Radicals in Biology & Medicine, 1985, 1, 319-325. | 2.1 | 28 |
| 21 | ADP-ribosylation factorâ€“like 4C binding to filamin-A modulates filopodium formation and cell migration. Molecular Biology of the Cell, 2017, 28, 3013-3028. | 2.1 | 26 |
| 22 | Syt1p promotes activation of Arl1p at the late Golgi to recruit Imh1p. Journal of Cell Science, 2010, 123, 3478-3489. | 2.0 | 24 |
| 23 | Multiple activities of Arl1 GTPase in the trans-Golgi network. Journal of Cell Science, 2017, 130, 1691-1699. | 2.0 | 24 |
| 24 | Biosynthesis of superoxide dismutase and catalase in chemostat culture of Saccharomyces cerevisiae. Applied Microbiology and Biotechnology, 1987, 26, 531-536. | 3.6 | 21 |
| 25 | Acetyl-CoA hydrolase involved in acetate utilization in Saccharomyces cerevisiae. BBA - Proteins and Proteomics, 1996, 1297, 105-109. | 2.1 | 21 |
| 26 | 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. | 3.6 | 17 |
| 27 | The yeast ADP-ribosylation factor GAP, Gcs1p, is involved in maintenance of mitochondrial morphology. Journal of Cell Science, 2002, 115, 275-282. | 2.0 | 17 |
| 28 | Purification and characterization of an acetyl-CoA hydrolase from Saccharomyces cerevisiae. FEBS Journal, 1989, 184, 21-28. | 0.2 | 16 |
| 29 | ADP-ribosylation factorâ€“like 4A interacts with Robo1 to promote cell migration by regulating Cdc42 activation. Molecular Biology of the Cell, 2019, 30, 69-81. | 2.1 | 16 |
| 30 | Stability and expression of a plasmid-containing killer toxin cDNA in batch and chemostat cultures ofsaccharomyces cerevisiae. Biotechnology and Bioengineering, 1988, 31, 783-789. | 3.3 | 15 |
| 31 | The RNA helicase Dhh1p cooperates with Rbp1p to promote porin mRNA decay via its non-conserved C-terminal domain. Nucleic Acids Research, 2012, 40, 1331-1344. | 14.5 | 15 |
| 32 | The Arl3 and Arl1 <scp>GTPases</scp> coâ€•operate with Cog8 to regulate selective autophagy via Atg9 trafficking. Traffic, 2017, 18, 580-589. | 2.7 | 15 |
| 33 | GTP-Binding-Defective ARL4D Alters Mitochondrial Morphology and Membrane Potential. PLoS ONE, 2012, 7, e43552. | 2.5 | 15 |
| 34 | Biosynthesis of superoxide dismutase and catalase inSaccharomyces cerevisiae: effects of oxygen and cytochromec deficiency. Journal of Industrial Microbiology, 1986, 1, 187-193. | 0.9 | 14 |
| 35 | The Yeast RNA-binding Protein Rbp1p Modifies the Stability of Mitochondrial Porin mRNA. Journal of Biological Chemistry, 2004, 279, 453-462. | 3.4 | 14 |
| 36 | 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-E1690. | 7.1 | 13 |

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|---|---|---|---|
| 37 | Determinants of Rbp1p Localization in Specific Cytoplasmic mRNA-processing Foci, P-bodies. Journal of Biological Chemistry, 2006, 281, 29379-29390. | 3.4 | 12 |
| 38 | Afi1p Functions as an Arf3p Polarization-specific Docking Factor for Development of Polarity. Journal of Biological Chemistry, 2008, 283, 16915-16927. | 3.4 | 12 |
| 39 | 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, 3611-3626. | 2.6 | 12 |
| 40 | Snf1/AMP-activated protein kinase activates Arf3p to promote invasive yeast growth via a non-canonical GEF domain. Nature Communications, 2015, 6, 7840. | 12.8 | 12 |
| 41 | Arf-like protein 4D. The AFCS-nature Molecule Pages, 0, , . | 0.2 | 11 |
| 42 | The yeast ADP-ribosylation factor GAP, Gcs1p, is involved in maintenance of mitochondrial morphology. Journal of Cell Science, 2002, 115, 275-82. | 2.0 | 11 |
| 43 | Cloning of aSaccharomyces cerevisiae gene encoding a protein homologous to allantoicase ofNeurospora crassa. Yeast, 1991, 7, 993-995. | 1.7 | 10 |
| 44 | Identification and characterization of an ADP-ribosylation factor in Plasmodium falciparum1Note: The nucleotide sequence has been submitted to the GenBank with the accession number U40228.1. Molecular and Biochemical Parasitology, 1997, 87, 217-223. | 1.1 | 10 |
| 45 | Arf3p GTPase is a key regulator of Bud2p activation for invasive growth in Saccharomyces cerevisiae. Molecular Biology of the Cell, 2013, 24, 2328-2339. | 2.1 | 10 |
| 46 | Structural Elements of ADP-ribosylation Factor 1 Required for Functional Interaction with Cytohesin-1. Journal of Biological Chemistry, 1999, 274, 12438-12444. | 3.4 | 9 |
| 47 | Competition between the golgin Imh1p and the Gcs1p GAP stabilizes activated Arl1p at the late-Golgi. Journal of Cell Science, 2012, 125, 4586-96. | 2.0 | 9 |
| 48 | Action of Arl1 GTPase and golgin Imh1 in Ypt6-independent retrograde transport from endosomes to thetrans-Golgi network. Molecular Biology of the Cell, 2019, 30, 1008-1019. | 2.1 | 9 |
| 49 | Arl4A and Pak1 cooperative recruitment to plasma membrane contributes to sustained Pak1 activation for cell migration. Journal of Cell Science, 2020, 133, . | 2.0 | 8 |
| 50 | CBAP Functions as a Novel Component in Chemokine-Induced ZAP70-Mediated T-Cell Adhesion and Migration. PLoS ONE, 2013, 8, e61761. | 2.5 | 7 |
| 51 | A NÎ±-acetyltransferase selectively transfers an acetyl group to NH2-terminal methionine residues: purification and partial characterization. BBA - Proteins and Proteomics, 1997, 1338, 244-252. | 2.1 | 6 |
| 52 | Mechanism of action of flippase Drs2p in modulating GTP hydrolysis of Arl1p. Journal of Cell Science, 2014, 127, 2615-20. | 2.0 | 6 |
| 53 | Structural organization of the rat acyl-peptide hydrolase gene. Nucleic Acids Research, 1989, 17, 4397-4400. | 14.5 | 5 |
| 54 | Effect of temperature andhtpRon the biosynthesis of superoxide dismutase inEscherichia coli. FEMS Microbiology Letters, 1989, 58, 133-137. | 1.8 | 5 |

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|---|---|---|---|
| 55 | 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. | 2.5 | 5 |
| 56 | Golgin Imh1 and GARP complex cooperate to restore the impaired SNARE recycling transport induced by ER stress. Cell Reports, 2022, 38, 110488. | 6.4 | 5 |
| 57 | Arl4D-EB1 interaction promotes centrosomal recruitment of EB1 and microtubule growth. Molecular Biology of the Cell, 2020, 31, 2348-2362. | 2.1 | 4 |
| 58 | [43] Purification, properties, and analysis of yARL3. Methods in Enzymology, 2001, 329, 417-423. | 1.0 | 0 |
| 59 | Identification and characterization of SARSâ€CoV protein 3a and its interacting cellular proteins. FASEB Journal, 2011, 25, lb101. | 0.5 | 0 |
| 60 | Investigation of the Dravet syndrome using a mouse model. FASEB Journal, 2012, 26, 1035.14. | 0.5 | 0 |
| 61 | Developing methods to enhancing cell engraftment in a genetically engineered mouse model. FASEB Journal, 2013, 27, 1181.4. | 0.5 | 0 |