Youngsoo Jun

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3538317/publications.pdf

Version: 2024-02-01

51 papers	3,139 citations	331670 21 h-index	206112 48 g-index
51 all docs	51 docs citations	51 times ranked	4104 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	Interdependent assembly of specific regulatory lipids and membrane fusion proteins into the vertex ring domain of docked vacuoles. Journal of Cell Biology, 2004, 167, 1087-1098.	5.2	204
3	Reconstituted membrane fusion requires regulatory lipids, SNAREs and synergistic SNARE chaperones. EMBO Journal, 2008, 27, 2031-2042.	7.8	157
4	Human Cytomegalovirus Gene Products US3 and US6 Down-Regulate Trophoblast Class I MHC Molecules. Journal of Immunology, 2000, 164, 805-811.	0.8	102
5	HOPS prevents the disassembly of trans-SNARE complexes by Sec17p/Sec18p during membrane fusion. EMBO Journal, 2010, 29, 1948-1960.	7.8	99
6	Crystal structures of Mmm1 and Mdm12â€“Mmm1 reveal mechanistic insight into phospholipid trafficking at ER-mitochondria contact sites. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9502-E9511.	7.1	88
7	Diacylglycerol and Its Formation by Phospholipase C Regulate Rab- and SNARE-dependent Yeast Vacuole Fusion. Journal of Biological Chemistry, 2004, 279, 53186-53195.	3.4	84
8	T cell microvilli constitute immunological synaptosomes that carry messages to antigen-presenting cells. Nature Communications, 2018, 9, 3630.	12.8	81
9	Assays of vacuole fusion resolve the stages of docking, lipid mixing, and content mixing. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13010-13015.	7.1	78
10	Excess vacuolar SNAREs drive lysis and Rab bypass fusion. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13551-13558.	7.1	74
11	Roles of Wnt Target Genes in the Journey of Cancer Stem Cells. International Journal of Molecular Sciences, 2017, 18, 1604.	4.1	70
12	TrpA1 Regulates Defecation of Food-Borne Pathogens under the Control of the Duox Pathway. PLoS Genetics, 2016, 12, e1005773.	3.5	50
13	A lipid-anchored SNARE supports membrane fusion. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17325-17330.	7.1	46
14	Structural and Functional Dissection of Human Cytomegalovirus US3 in Binding Major Histocompatibility Complex Class I Molecules. Journal of Virology, 2000, 74, 11262-11269.	3.4	45
15	Sec18p and Vam7p remodel trans-SNARE complexes to permit a lipid-anchored R-SNARE to support yeast vacuole fusion. EMBO Journal, 2007, 26, 4935-4945.	7.8	39
16	Bioengineered yeast-derived vacuoles with enhanced tissue-penetrating ability for targeted cancer therapy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 710-715.	7.1	35
17	Mechanistic insight into the nucleusâ€“vacuole junction based on the Vac8pâ€“Nvj1p crystal structure. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4539-E4548.	7.1	33
18	Reversible, cooperative reactions of yeast vacuole docking. EMBO Journal, 2006, 25, 5260-5269.	7.8	29

#	Article	IF	Citations
19	The structure of human EXD2 reveals a chimeric 3â€² to 5â€² exonuclease domain that discriminates substrates via metal coordination. Nucleic Acids Research, 2019, 47, 7078-7093.	14.5	29
20	Human Cytomegalovirus UL18 Utilizes US6 for Evading the NK and T-Cell Responses. PLoS Pathogens, 2008, 4, e1000123.	4.7	28
21	hnRNP A1 contacts exon 5 to promote exon 6 inclusion of apoptotic Fas gene. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 825-835.	4.9	27
22	SRSF2 promotes splicing and transcription of exon 11 included isoform in Ron proto-oncogene. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 1132-1140.	1.9	21
23	Structural insights into the interaction of p97 N-terminus domain and VBM in rhomboid protease, RHBDL4. Biochemical Journal, 2016, 473, 2863-2880.	3.7	20
24	Structural basis for mitoguardin-2 mediated lipid transport at ER-mitochondrial membrane contact sites. Nature Communications, 2022, 13, .	12.8	20
25	Crystal structure of SEL1L: Insight into the roles of SLR motifs in ERAD pathway. Scientific Reports, 2016, 6, 20261.	3.3	19
26	SNAREs support atlastin-mediated homotypic ER fusion in Saccharomyces cerevisiae. Journal of Cell Biology, 2015, 210, 451-470.	5.2	18
27	TAGLN2 polymerizes G-actin in a low ionic state but blocks Arp2/3-nucleated actin branching in physiological conditions. Scientific Reports, 2018, 8, 5503.	3.3	18
28	SPIN90 Knockdown Attenuates the Formation and Movement of Endosomal Vesicles in the Early Stages of Epidermal Growth Factor Receptor Endocytosis. PLoS ONE, 2013, 8, e82610.	2.5	17
29	Peroxisome-localized hepatitis Bx protein increases the invasion property of hepatocellular carcinoma cells. Archives of Virology, 2014, 159, 2549-2557.	2.1	17
30	Quaternary structures of Vac8 differentially regulate the Cvt and PMN pathways. Autophagy, 2020, 16, 991-1006.	9.1	17
31	Receptorâ€Mediated ER Export of Human MHC Class I Molecules Is Regulated by the Câ€Terminal Single Amino Acid. Traffic, 2011, 12, 42-55.	2.7	15
32	Structural insights into the interaction of human p97 Nâ€terminal domain and SHP motif in Derlinâ€1 rhomboid pseudoprotease. FEBS Letters, 2016, 590, 4402-4413.	2.8	13
33	In vitro assay using engineered yeast vacuoles for neuronal SNARE-mediated membrane fusion. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7677-7682.	7.1	12
34	Sec17 (Î±-SNAP) and Sec18 (NSF) restrict membrane fusion to R-SNAREs, Q-SNAREs, and SM proteins from identical compartments. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23573-23581.	7.1	12
35	Ergosterol interacts with Sey1p to promote atlastinâ€mediated endoplasmic reticulum membrane fusion inSaccharomyces cerevisiae. FASEB Journal, 2019, 33, 3590-3600.	0.5	11
36	Forced interaction of cell surface proteins with Derlin-1 in the endoplasmic reticulum is sufficient to induce their dislocation into the cytosol for degradation. Biochemical and Biophysical Research Communications, 2013, 430, 787-792.	2.1	9

#	Article	IF	Citations
37	The C-Terminal Amino Acid of the MHC-I Heavy Chain Is Critical for Binding to Derlin-1 in Human Cytomegalovirus US11-Induced MHC-I Degradation. PLoS ONE, 2013, 8, e72356.	2.5	9
38	Molecular mechanisms of atlastin-mediated ER membrane fusion revealed by a FRET-based single-vesicle fusion assay. Scientific Reports, 2017, 7, 8700.	3.3	9
39	The crystal structure of human Rogdi provides insight into the causes of Kohlschutter-TÃ¶nz Syndrome. Scientific Reports, 2017, 7, 3972.	3.3	9
40	The Effects of Regulatory Lipids on Intracellular Membrane Fusion Mediated by Dynamin-Like GTPases. Frontiers in Cell and Developmental Biology, 2020, 8, 518.	3.7	9
41	Human CD1d molecules are resistant to human cytomegalovirus US2- and US11-mediated degradation. Biochemical and Biophysical Research Communications, 2011, 413, 616-622.	2.1	6
42	Crystallization and preliminary X-ray crystallographic analysis of<scp>L</scp>-arabinose isomerase from thermophilicGeobacillus kaustophilus. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 108-112.	0.8	6
43	Structural insight for substrate tolerance to 2-deoxyribose-5-phosphate aldolase from the pathogen Streptococcus suis. Journal of Microbiology, 2016, 54, 311-321.	2.8	6
44	SPIN90, an adaptor protein, alters the proximity between Rab5 and Gapex5 and facilitates Rab5 activation during EGF endocytosis. Experimental and Molecular Medicine, 2019, 51, 1-14.	7.7	5
45	Tmp21, a novel MHC-I interacting protein, preferentially binds to Î²₂-microglobulin-free MHC-I heavy chains. BMB Reports, 2011, 44, 369-374.	2.4	5
46	Strategies to Tackle Radiation Resistance by Penetrating Cancer Stem Cell Line of Scrimmage. Recent Patents on Anti-Cancer Drug Discovery, 2018, 13, 18-39.	1.6	4
47	Buforin-1 blocks neuronal SNARE-mediated membrane fusion by inhibiting SNARE complex assembly. Biochemical and Biophysical Research Communications, 2019, 514, 105-111.	2.1	2
48	A Genome-Wide Screen Reveals That Endocytic Genes Are Important for Pma1p Asymmetry during Cell Division in Saccharomyces cerevisiae. International Journal of Molecular Sciences, 2022, 23, 2364.	4.1	2
49	The binding of Vps33p to the Nâ€terminal domain of the yeast vacuolar syntaxin Vam3p is not required for yeast vacuole fusion. FASEB Journal, 2012, 26, 988.1.	0.5	0
50	The yeast atlastin Sey1p may not be sufficient to drive homotypic ER fusion at its physiological concentration. FASEB Journal, 2015, 29, LB195.	0.5	0
51	An In Vitro Assay of Trans-SNARE Complex Formation During Yeast Vacuole Fusion Using Epitope Tag-Free SNAREs. Methods in Molecular Biology, 2019, 1860, 277-288.	0.9	0