

Youngsoo Jun

List of Publications by Year in descending order

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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	A Genome-Wide Screen Reveals That Endocytic Genes Are Important for Pma1p Asymmetry during Cell Division in <i>Saccharomyces cerevisiae</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 2364.	4.1	2
2	Structural basis for mitoguardin-2 mediated lipid transport at ER-mitochondrial membrane contact sites. <i>Nature Communications</i> , 2022, 13, .	12.8	20
3	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	9.1	1,430
4	Quaternary structures of Vac8 differentially regulate the Cvt and PMN pathways. <i>Autophagy</i> , 2020, 16, 991-1006.	9.1	17
5	The Effects of Regulatory Lipids on Intracellular Membrane Fusion Mediated by Dynamin-Like GTPases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 518.	3.7	9
6	SPIN90, an adaptor protein, alters the proximity between Rab5 and Gapex5 and facilitates Rab5 activation during EGF endocytosis. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-14.	7.7	5
7	Sec17 (\pm -SNAP) and Sec18 (NSF) restrict membrane fusion to R-SNAREs, Q-SNAREs, and SM proteins from identical compartments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23573-23581.	7.1	12
8	The structure of human EXD2 reveals a chimeric 3 \hat{a} \hat{e} $\hat{2}$ to 5 \hat{a} \hat{e} $\hat{2}$ exonuclease domain that discriminates substrates via metal coordination. <i>Nucleic Acids Research</i> , 2019, 47, 7078-7093.	14.5	29
9	Buforin-1 blocks neuronal SNARE-mediated membrane fusion by inhibiting SNARE complex assembly. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 105-111.	2.1	2
10	Ergosterol interacts with Sey1p to promote atlastin \hat{e} -mediated endoplasmic reticulum membrane fusion in <i>Saccharomyces cerevisiae</i> . <i>FASEB Journal</i> , 2019, 33, 3590-3600.	0.5	11
11	An In Vitro Assay of Trans-SNARE Complex Formation During Yeast Vacuole Fusion Using Epitope Tag-Free SNAREs. <i>Methods in Molecular Biology</i> , 2019, 1860, 277-288.	0.9	0
12	TAGLN2 polymerizes G-actin in a low ionic state but blocks Arp2/3-nucleated actin branching in physiological conditions. <i>Scientific Reports</i> , 2018, 8, 5503.	3.3	18
13	T cell microvilli constitute immunological synaptosomes that carry messages to antigen-presenting cells. <i>Nature Communications</i> , 2018, 9, 3630.	12.8	81
14	Strategies to Tackle Radiation Resistance by Penetrating Cancer Stem Cell Line of Scrimmage. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018, 13, 18-39.	1.6	4
15	Mechanistic insight into the nucleus \hat{e} -vacuole junction based on the Vac8p \hat{e} -Nvj1p crystal structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4539-E4548.	7.1	33
16	Crystal structures of Mmm1 and Mdm12 \hat{e} -Mmm1 reveal mechanistic insight into phospholipid trafficking at ER-mitochondria contact sites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9502-E9511.	7.1	88
17	Molecular mechanisms of atlastin-mediated ER membrane fusion revealed by a FRET-based single-vesicle fusion assay. <i>Scientific Reports</i> , 2017, 7, 8700.	3.3	9
18	The crystal structure of human Rogdi provides insight into the causes of Kohlschutter-T \hat{a} \hat{r} \hat{n} \hat{z} Syndrome. <i>Scientific Reports</i> , 2017, 7, 3972.	3.3	9

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19	Roles of Wnt Target Genes in the Journey of Cancer Stem Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1604.	4.1	70
20	TrpA1 Regulates Defecation of Food-Borne Pathogens under the Control of the Duox Pathway. <i>PLoS Genetics</i> , 2016, 12, e1005773.	3.5	50
21	Structural insight for substrate tolerance to 2-deoxyribose-5-phosphate aldolase from the pathogen <i>Streptococcus suis</i> . <i>Journal of Microbiology</i> , 2016, 54, 311-321.	2.8	6
22	Structural insights into the interaction of human p97 N-terminal domain and SHP motif in Derlin-1 rhomboid pseudoprotease. <i>FEBS Letters</i> , 2016, 590, 4402-4413.	2.8	13
23	Structural insights into the interaction of p97 N-terminus domain and VBM in rhomboid protease, RHBDL4. <i>Biochemical Journal</i> , 2016, 473, 2863-2880.	3.7	20
24	Crystal structure of SEL1L: Insight into the roles of SLR motifs in ERAD pathway. <i>Scientific Reports</i> , 2016, 6, 20261.	3.3	19
25	Bioengineered yeast-derived vacuoles with enhanced tissue-penetrating ability for targeted cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 710-715.	7.1	35
26	SNAREs support atlastin-mediated homotypic ER fusion in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Biology</i> , 2015, 210, 451-470.	5.2	18
27	The yeast atlastin Sey1p may not be sufficient to drive homotypic ER fusion at its physiological concentration. <i>FASEB Journal</i> , 2015, 29, LB195.	0.5	0
28	Crystallization and preliminary X-ray crystallographic analysis of <i>L</i> -arabinose isomerase from thermophilic <i>Geobacillus kaustophilus</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 108-112.	0.8	6
29	In vitro assay using engineered yeast vacuoles for neuronal SNARE-mediated membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7677-7682.	7.1	12
30	Peroxisome-localized hepatitis Bx protein increases the invasion property of hepatocellular carcinoma cells. <i>Archives of Virology</i> , 2014, 159, 2549-2557.	2.1	17
31	SRSF2 promotes splicing and transcription of exon 11 included isoform in Ron proto-oncogene. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1132-1140.	1.9	21
32	hnRNP A1 contacts exon 5 to promote exon 6 inclusion of apoptotic Fas gene. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 825-835.	4.9	27
33	Forced interaction of cell surface proteins with Derlin-1 in the endoplasmic reticulum is sufficient to induce their dislocation into the cytosol for degradation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 787-792.	2.1	9
34	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. <i>PLoS ONE</i> , 2013, 8, e72356.	2.5	9
35	SPIN90 Knockdown Attenuates the Formation and Movement of Endosomal Vesicles in the Early Stages of Epidermal Growth Factor Receptor Endocytosis. <i>PLoS ONE</i> , 2013, 8, e82610.	2.5	17
36	The binding of Vps33p to the N-terminal domain of the yeast vacuolar syntaxin Vam3p is not required for yeast vacuole fusion. <i>FASEB Journal</i> , 2012, 26, 988.1.	0.5	0

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37	Human CD1d molecules are resistant to human cytomegalovirus US2- and US11-mediated degradation. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 616-622.	2.1	6
38	Receptorâ€Mediated ER Export of Human MHC Class I Molecules Is Regulated by the Câ€Terminal Single Amino Acid. <i>Traffic</i> , 2011, 12, 42-55.	2.7	15
39	A lipid-anchored SNARE supports membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17325-17330.	7.1	46
40	Tmp21, a novel MHC-I interacting protein, preferentially binds to Î²₂-microglobulin-free MHC-I heavy chains. <i>BMB Reports</i> , 2011, 44, 369-374.	2.4	5
41	HOPS prevents the disassembly of trans-SNARE complexes by Sec17p/Sec18p during membrane fusion. <i>EMBO Journal</i> , 2010, 29, 1948-1960.	7.8	99
42	Reconstituted membrane fusion requires regulatory lipids, SNAREs and synergistic SNARE chaperones. <i>EMBO Journal</i> , 2008, 27, 2031-2042.	7.8	157
43	Human Cytomegalovirus UL18 Utilizes US6 for Evading the NK and T-Cell Responses. <i>PLoS Pathogens</i> , 2008, 4, e1000123.	4.7	28
44	Assays of vacuole fusion resolve the stages of docking, lipid mixing, and content mixing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13010-13015.	7.1	78
45	Excess vacuolar SNAREs drive lysis and Rab bypass fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 13551-13558.	7.1	74
46	Sec18p and Vam7p remodel trans-SNARE complexes to permit a lipid-anchored R-SNARE to support yeast vacuole fusion. <i>EMBO Journal</i> , 2007, 26, 4935-4945.	7.8	39
47	Reversible, cooperative reactions of yeast vacuole docking. <i>EMBO Journal</i> , 2006, 25, 5260-5269.	7.8	29
48	Interdependent assembly of specific regulatory lipids and membrane fusion proteins into the vertex ring domain of docked vacuoles. <i>Journal of Cell Biology</i> , 2004, 167, 1087-1098.	5.2	204
49	Diacylglycerol and Its Formation by Phospholipase C Regulate Rab- and SNARE-dependent Yeast Vacuole Fusion. <i>Journal of Biological Chemistry</i> , 2004, 279, 53186-53195.	3.4	84
50	Structural and Functional Dissection of Human Cytomegalovirus US3 in Binding Major Histocompatibility Complex Class I Molecules. <i>Journal of Virology</i> , 2000, 74, 11262-11269.	3.4	45
51	Human Cytomegalovirus Gene Products US3 and US6 Down-Regulate Trophoblast Class I MHC Molecules. <i>Journal of Immunology</i> , 2000, 164, 805-811.	0.8	102