

Yanzhuang Wang

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

5,613
citations

94433

37
h-index

106344

65
g-index

129
all docs

129
docs citations

129
times ranked

6274
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 1,430	9.1	10
2	Direct binding of ubiquitin conjugates by the mammalian p97 adaptor complexes, p47 and Ufd1-Npl4. EMBO Journal, 2002, 21, 5645-5652.	7.8	316
3	Peroxisome Proliferator-Activated Receptor γ Regulation of miR-15a in Ischemia-Induced Cerebral Vascular Endothelial Injury. Journal of Neuroscience, 2010, 30, 6398-6408.	3.6	185
4	GRASP55 and GRASP65 play complementary and essential roles in Golgi cisternal stacking. Journal of Cell Biology, 2010, 188, 237-251.	5.2	171
5	A direct role for GRASP65 as a mitotically regulated Golgi stacking factor. EMBO Journal, 2003, 22, 3279-3290.	7.8	169
6	Regulation of protein glycosylation and sorting by the Golgi matrix proteins GRASP55/65. Nature Communications, 2013, 4, 1659.	12.8	157
7	ERK regulates Golgi and centrosome orientation towards the leading edge through GRASP65. Journal of Cell Biology, 2008, 182, 837-843.	5.2	154
8	VCIPI35 acts as a deubiquitinating enzyme during p97 α -p47-mediated reassembly of mitotic Golgi fragments. Journal of Cell Biology, 2004, 164, 973-978.	5.2	142
9	A β -induced Golgi fragmentation in Alzheimer's disease enhances A β production. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1230-9.	7.1	142
10	Mapping the Functional Domains of the Golgi Stacking Factor GRASP65. Journal of Biological Chemistry, 2005, 280, 4921-4928.	3.4	132
11	Cholesterol is Required for the Formation of Regulated and Constitutive Secretory Vesicles from the Golgi Network. Traffic, 2000, 1, 952-962.	2.7	126
12	Golgin84 is a rab1 Binding Partner Involved in Golgi Structure. Traffic, 2003, 4, 153-161.	2.7	111
13	Characterization of the Extra-large G Protein β -Subunit XL β s. Journal of Biological Chemistry, 2000, 275, 33622-33632.	3.4	108
14	GRASP55 Senses Glucose Deprivation through O-GlcNAcylation to Promote Autophagosome-Lysosome Fusion. Developmental Cell, 2018, 45, 245-261.e6.	7.0	108
15	Glycosylation Quality Control by the Golgi Structure. Journal of Molecular Biology, 2016, 428, 3183-3193.	4.2	105
16	Knockout of the Golgi stacking proteins GRASP55 and GRASP65 impairs Golgi structure and function. Molecular Biology of the Cell, 2017, 28, 2833-2842.	2.1	88
17	Altered cofactor regulation with disease-associated p97/VCP mutations. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1705-14.	7.1	87
18	Cell cycle regulation of Golgi membrane dynamics. Trends in Cell Biology, 2013, 23, 296-304.	7.9	85

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19	Golgi fragmentation in Alzheimer's disease. <i>Frontiers in Neuroscience</i> , 2015, 9, 340.	2.8	82
20	The Role of GRASP65 in Golgi Cisternal Stacking and Cell Cycle Progression. <i>Traffic</i> , 2010, 11, 827-842.	2.7	76
21	Epithelial-to-mesenchymal transition drives a pro-metastatic Golgi compaction process through scaffolding protein PAQR11. <i>Journal of Clinical Investigation</i> , 2016, 127, 117-131.	8.2	75
22	Golgi organization is regulated by proteasomal degradation. <i>Nature Communications</i> , 2020, 11, 409.	12.8	73
23	Golgi structure formation, function, and post-translational modifications in mammalian cells. <i>F1000Research</i> , 2017, 6, 2050.	1.6	71
24	Alzheimer's amyloid-beta intermediates generated using polymer-nanodiscs. <i>Chemical Communications</i> , 2018, 54, 12883-12886.	4.1	69
25	Golgi Structure and Function in Health, Stress, and Diseases. <i>Results and Problems in Cell Differentiation</i> , 2019, 67, 441-485.	0.7	69
26	Golgi Biogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a005330-a005330.	5.5	68
27	GRASPs in Golgi Structure and Function. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 84.	3.7	67
28	Golgi Cisternal Unstacking Stimulates COPI Vesicle Budding and Protein Transport. <i>PLoS ONE</i> , 2008, 3, e1647.	2.5	66
29	Golgi defects enhance APP amyloidogenic processing in Alzheimer's disease. <i>BioEssays</i> , 2015, 37, 240-247.	2.5	60
30	Molecular Mechanism of Mitotic Golgi Disassembly and Reassembly Revealed by a Defined Reconstitution Assay. <i>Journal of Biological Chemistry</i> , 2008, 283, 6085-6094.	3.4	58
31	The ubiquitin ligase HACE1 regulates Golgi membrane dynamics during the cell cycle. <i>Nature Communications</i> , 2011, 2, 501.	12.8	51
32	Sequential phosphorylation of GRASP65 during mitotic Golgi disassembly. <i>Biology Open</i> , 2012, 1, 1204-1214.	1.2	51
33	Reconstitution of the cell cycle-regulated Golgi disassembly and reassembly in a cell-free system. <i>Nature Protocols</i> , 2010, 5, 758-772.	12.0	49
34	GORASP2/GRASP55 collaborates with the PtdIns3K UVRAG complex to facilitate autophagosome-lysosome fusion. <i>Autophagy</i> , 2019, 15, 1787-1800.	9.1	46
35	Biogenesis of Neurosecretory Vesicles. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1995, 60, 315-327.	1.1	45
36	Monoubiquitination of Syntaxin 5 Regulates Golgi Membrane Dynamics during the Cell Cycle. <i>Developmental Cell</i> , 2016, 38, 73-85.	7.0	43

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37	Menaâ€“GRASP65 interaction couples actin polymerization to Golgi ribbon linking. <i>Molecular Biology of the Cell</i> , 2016, 27, 137-152.	2.1	43
38	Gastric Acid Secretion from Parietal Cells Is Mediated by a Ca ²⁺ Efflux Channel in the Tubulovesicle. <i>Developmental Cell</i> , 2017, 41, 262-273.e6.	7.0	42
39	Quantitative Proteomics Analysis of Cell Cycle-regulated Golgi Disassembly and Reassembly. <i>Journal of Biological Chemistry</i> , 2010, 285, 7197-7207.	3.4	39
40	New components of the Golgi matrix. <i>Cell and Tissue Research</i> , 2011, 344, 365-379.	2.9	38
41	Nonredundant Roles of GRASP55 and GRASP65 in the Golgi Apparatus and Beyond. <i>Trends in Biochemical Sciences</i> , 2020, 45, 1065-1079.	7.5	38
42	Active ADP-ribosylation Factor-1 (ARF1) Is Required for Mitotic Golgi Fragmentation. <i>Journal of Biological Chemistry</i> , 2007, 282, 21829-21837.	3.4	36
43	New Insights Into the Golgi Stacking Proteins. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 131.	3.7	31
44	Adaptation of the Golgi Apparatus in Cancer Cell Invasion and Metastasis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 806482.	3.7	31
45	GRASP depletionâ€“mediated Golgi destruction decreases cell adhesion and migration via the reduction of $\alpha 5 \beta 1$ integrin. <i>Molecular Biology of the Cell</i> , 2019, 30, 766-777.	2.1	30
46	Cell cycle regulation of VCIP135 deubiquitinase activity and function in p97/p47-mediated Golgi reassembly. <i>Molecular Biology of the Cell</i> , 2015, 26, 2242-2251.	2.1	29
47	Cytosolic Ca ²⁺ Modulates Golgi Structure Through PKC ζ -Mediated GRASP55 Phosphorylation. <i>iScience</i> , 2020, 23, 100952.	4.1	28
48	Proteomic Identification of S-Nitrosylated Golgi Proteins: New Insights into Endothelial Cell Regulation by eNOS-Derived NO. <i>PLoS ONE</i> , 2012, 7, e31564.	2.5	25
49	Structural Interaction of Apolipoprotein A-I Mimetic Peptide with Amyloid- β^2 Generates Toxic Hetero-oligomers. <i>Journal of Molecular Biology</i> , 2020, 432, 1020-1034.	4.2	25
50	The Golgi stacking protein GORASP2/GRASP55 serves as an energy sensor to promote autophagosome maturation under glucose starvation. <i>Autophagy</i> , 2018, 14, 1649-1651.	9.1	24
51	A β -conserved β -ubiquitin- and ESCRT-dependent pathway internalizes human lysosomal membrane proteins for degradation. <i>PLoS Biology</i> , 2021, 19, e3001361.	5.6	22
52	Direct Selection of Monoclonal Phosphospecific Antibodies without Prior Phosphoamino Acid Mapping. <i>Journal of Biological Chemistry</i> , 2009, 284, 20791-20795.	3.4	21
53	Phosphorylation regulates VCIP135 function in Golgi membrane fusion during the cell cycle. <i>Journal of Cell Science</i> , 2014, 127, 172-81.	2.0	16
54	GRASP55 regulates the unconventional secretion and aggregation of mutant huntingtin. <i>Journal of Biological Chemistry</i> , 2022, 298, 102219.	3.4	14

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55	GRASP55 facilitates autophagosome maturation under glucose deprivation. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1494948.	0.7	13
56	DjA1 maintains Golgi integrity via interaction with GRASP65. <i>Molecular Biology of the Cell</i> , 2019, 30, 478-490.	2.1	13
57	Hydrogen peroxide induces Arl1 degradation and impairs Golgi-mediated trafficking. <i>Molecular Biology of the Cell</i> , 2020, 31, 1931-1942.	2.1	13
58	Golgi Metal Ion Homeostasis in Human Health and Diseases. <i>Cells</i> , 2022, 11, 289.	4.1	13
59	Golgi apparatus inheritance. , 2008, , 580-607.		11
60	GRASP depletion-mediated Golgi fragmentation impairs glycosaminoglycan synthesis, sulfation, and secretion. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 199.	5.4	11
61	Quantitative Analysis of Liver Golgi Proteome in the Cell Cycle. <i>Methods in Molecular Biology</i> , 2012, 909, 125-140.	0.9	9
62	Adaptor-Specific Antibody Fragment Inhibitors for the Intracellular Modulation of p97 (VCP) Protein-Protein Interactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 13218-13225.	13.7	9
63	Golgi Isolation. <i>Cold Spring Harbor Protocols</i> , 2015, 2015, pdb.prot075911.	0.3	7
64	Editorial: Golgi Dynamics in Physiological and Pathological Conditions. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 7.	3.7	5
65	SIRT2 deacetylates GRASP55 to facilitate post-mitotic Golgi assembly. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	4
66	Correction: VCIP135 acts as a deubiquitinating enzyme during p97-mediated reassembly of mitotic Golgi fragments. <i>Journal of Cell Biology</i> , 2004, 166, 433-433.	5.2	1
67	Cytosolic Ca ²⁺ modulates Golgi structure through PKC-mediated GRASP55 phosphorylation. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
68	Identification of GRASP65-interacting proteins and characterization of their roles in Golgi cisternal stacking. <i>FASEB Journal</i> , 2011, 25, 931.1.	0.5	0
69	Ubiquitin and cell cycle regulation of Golgi membrane dynamics. <i>FASEB Journal</i> , 2013, 27, 553.2.	0.5	0
70	HACE1 (HECT domain and ankyrin repeat containing E3 ubiquitin protein ligase 1). <i>Atlas of Genetics and Cytogenetics in Oncology and Haematology</i> , 2013, 2013, 333-336.	0.1	0