

Jinzhong Zhang

List of Publications by Year in descending order

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papers

874
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567281

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22
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#	ARTICLE	IF	CITATIONS
1	Rab10 and myosin-Va mediate insulin-stimulated GLUT4 storage vesicle translocation in adipocytes. <i>Journal of Cell Biology</i> , 2012, 198, 545-560.	5.2	141
2	The EM structure of the TRAPPIII complex leads to the identification of a requirement for COPII vesicles on the macroautophagy pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19432-19437.	7.1	135
3	Activation of the transcription factor EB rescues lysosomal abnormalities in cystinotic kidney cells. <i>Kidney International</i> , 2016, 89, 862-873.	5.2	85
4	Identification of Neutrophil Exocytosis Inhibitors (Nexinhibs), Small Molecule Inhibitors of Neutrophil Exocytosis and Inflammation. <i>Journal of Biological Chemistry</i> , 2016, 291, 25965-25982.	3.4	73
5	Ypt1/Rab1 regulates Hrr25/CK1 γ kinase activity in ER-Golgi traffic and macroautophagy. <i>Journal of Cell Biology</i> , 2015, 210, 273-285.	5.2	63
6	Cystinosin, the small GTPase Rab11, and the Rab7 effector RILP regulate intracellular trafficking of the chaperone-mediated autophagy receptor LAMP2A. <i>Journal of Biological Chemistry</i> , 2017, 292, 10328-10346.	3.4	62
7	Munc13-4 Is a Rab11-binding Protein That Regulates Rab11-positive Vesicle Trafficking and Docking at the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2016, 291, 3423-3438.	3.4	57
8	Sit4p/PP6 regulates ER-to-Golgi traffic by controlling the dephosphorylation of COPII coat subunits. <i>Molecular Biology of the Cell</i> , 2013, 24, 2727-2738.	2.1	43
9	Spatiotemporal Detection and Analysis of Exocytosis Reveal Fusion Hotspots Organized by the Cytoskeleton in Endocrine Cells. <i>Biophysical Journal</i> , 2015, 108, 251-260.	0.5	39
10	Munc13-4 interacts with syntaxin 7 and regulates late endosomal maturation, endosomal signaling, and TLR9-initiated cellular responses. <i>Molecular Biology of the Cell</i> , 2016, 27, 572-587.	2.1	30
11	GDI-1 preferably interacts with Rab10 in insulin-stimulated GLUT4 translocation. <i>Biochemical Journal</i> , 2009, 422, 229-235.	3.7	28
12	Increased Neutrophil Secretion Induced by NLRP3 Mutation Links the Inflammasome to Azurophilic Granule Exocytosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 507.	3.9	24
13	Interaction between galectin-3 and cystinosin uncovers a pathogenic role of inflammation in kidney involvement of cystinosin. <i>Kidney International</i> , 2019, 96, 350-362.	5.2	23
14	Dimethyl sulfoxide enhances GLUT4 translocation through a reduction in GLUT4 endocytosis in insulin-stimulated 3T3-L1 adipocytes. <i>Biochimie</i> , 2011, 93, 697-709.	2.6	18
15	The trafficking protein JFC1 regulates Rac1-GTP localization at the uropod controlling neutrophil chemotaxis and in vivo migration. <i>Journal of Leukocyte Biology</i> , 2019, 105, 1209-1224.	3.3	16
16	Cross-regulation of defective endolysosome trafficking and enhanced autophagy through TFEB in UNC13D deficiency. <i>Autophagy</i> , 2019, 15, 1738-1756.	9.1	11
17	Chaperone-Mediated Autophagy Upregulation Rescues Megalin Expression and Localization in Cystinotic Proximal Tubule Cells. <i>Frontiers in Endocrinology</i> , 2019, 10, 21.	3.5	10
18	Characterization of GLUT4-containing vesicles in 3T3-L1 adipocytes by total internal reflection fluorescence microscopy. <i>Science in China Series C: Life Sciences</i> , 2009, 52, 665-671.	1.3	7

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19	DYNC1L2 regulates localization of the chaperone-mediated autophagy receptor LAMP2A and improves cellular homeostasis in cystinosis. <i>Autophagy</i> , 2022, 18, 1108-1126.	9.1	6
20	The atypical small GTPase GEM/Kir is a negative regulator of the NADPH oxidase and NETs production through macroautophagy. <i>Journal of Leukocyte Biology</i> , 2021, 110, 629-649.	3.3	2