

Mitsuo Tagaya

List of Publications by Year in descending order

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44
papers

2,094
citations

257450

24
h-index

265206

42
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45
all docs

45
docs citations

45
times ranked

3269
citing authors

#	ARTICLE	IF	CITATIONS
1	Implication of ZW10 in membrane trafficking between the endoplasmic reticulum and Golgi. <i>EMBO Journal</i> , 2004, 23, 1267-1278.	7.8	174
2	A Role for the Ancient SNARE Syntaxin 17 in Regulating Mitochondrial Division. <i>Developmental Cell</i> , 2015, 32, 304-317.	7.0	126
3	Involvement of BNIP1 in apoptosis and endoplasmic reticulum membrane fusion. <i>EMBO Journal</i> , 2004, 23, 3216-3226.	7.8	111
4	Identification of the Neuroblastoma-amplified Gene Product as a Component of the Syntaxin 18 Complex Implicated in Golgi-to-Endoplasmic Reticulum Retrograde Transport. <i>Molecular Biology of the Cell</i> , 2009, 20, 2639-2649.	2.1	111
5	Syntaxin 18, a SNAP Receptor That Functions in the Endoplasmic Reticulum, Intermediate Compartment, and cis-Golgi Vesicle Trafficking. <i>Journal of Biological Chemistry</i> , 2000, 275, 13713-13720.	3.4	108
6	Bap31 Is an Itinerant Protein That Moves between the Peripheral Endoplasmic Reticulum (ER) and a Juxtannuclear Compartment Related to ER-associated Degradation. <i>Molecular Biology of the Cell</i> , 2008, 19, 1825-1836.	2.1	99
7	p125 Is Localized in Endoplasmic Reticulum Exit Sites and Involved in Their Organization. <i>Journal of Biological Chemistry</i> , 2005, 280, 10141-10148.	3.4	96
8	p125 Is a Novel Mammalian Sec23p-interacting Protein with Structural Similarity to Phospholipid-modifying Proteins. <i>Journal of Biological Chemistry</i> , 1999, 274, 20505-20512.	3.4	91
9	PtdIns(3)P-bound UVRAG coordinates Golgi-ER retrograde and Atg9 transport by differential interactions with the ER tether and the beclin-1 complex. <i>Nature Cell Biology</i> , 2013, 15, 1206-1219.	10.3	91
10	A Novel Phospholipase A1 with Sequence Homology to a Mammalian Sec23p-interacting Protein, p125. <i>Journal of Biological Chemistry</i> , 2002, 277, 11329-11335.	3.4	82
11	Sec16B is involved in the endoplasmic reticulum export of the peroxisomal membrane biogenesis factor peroxin 16 (Pex16) in mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12746-12751.	7.1	73
12	Legionella effector Lpg1137 shuts down ER-mitochondria communication through cleavage of syntaxin 17. <i>Nature Communications</i> , 2017, 8, 15406.	12.8	73
13	RINT-1 Regulates the Localization and Entry of ZW10 to the Syntaxin 18 Complex. <i>Molecular Biology of the Cell</i> , 2006, 17, 2780-2788.	2.1	71
14	Syntaxin 17 regulates the localization and function of PGAM5 in mitochondrial division and mitophagy. <i>EMBO Journal</i> , 2018, 37, .	7.8	68
15	Roles of SAM and DDHD domains in mammalian intracellular phospholipase A1 KIAA0725p. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 930-939.	4.1	67
16	Regulation of Mitochondrial Dynamics and Autophagy by the Mitochondria-Associated Membrane. <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 33-47.	1.6	56
17	CARTS biogenesis requires VAP- lipid transfer protein complexes functioning at the endoplasmic reticulum-Golgi interface. <i>Molecular Biology of the Cell</i> , 2015, 26, 4686-4699.	2.1	51
18	Role of syntaxin 18 in the organization of endoplasmic reticulum subdomains. <i>Journal of Cell Science</i> , 2009, 122, 1680-1690.	2.0	49

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19	Kinesin-5/Eg5 is important for transport of CARTS from the trans-Golgi network to the cell surface. <i>Journal of Cell Biology</i> , 2013, 202, 241-250.	5.2	49
20	Golgi-localized KIAA0725p regulates membrane trafficking from the Golgi apparatus to the plasma membrane in mammalian cells. <i>FEBS Letters</i> , 2010, 584, 4389-4395.	2.8	37
21	Moonlighting functions of the NRZ (mammalian Dsl1) complex. <i>Frontiers in Cell and Developmental Biology</i> , 2014, 2, 25.	3.7	34
22	Organelle Communication at Membrane Contact Sites (MCS): From Curiosity to Center Stage in Cell Biology and Biomedical Research. <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 1-12.	1.6	34
23	Determination of Functional Regions of p125, a Novel Mammalian Sec23p-Interacting Protein. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 144-149.	2.1	32
24	Sec22b-dependent assembly of endoplasmic reticulum Q-SNARE proteins. <i>Biochemical Journal</i> , 2008, 410, 93-100.	3.7	27
25	Contribution of the long form of syntaxin 5 to the organization of the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2012, 125, 5658-5666.	2.0	27
26	Syntaxin 17 promotes lipid droplet formation by regulating the distribution of acyl-CoA synthetase 3. <i>Journal of Lipid Research</i> , 2018, 59, 805-819.	4.2	26
27	The ER cholesterol sensor SCAP promotes CARTS biogenesis at ER-Golgi membrane contact sites. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	25
28	Loss of DDHD2, whose mutation causes spastic paraplegia, promotes reactive oxygen species generation and apoptosis. <i>Cell Death and Disease</i> , 2018, 9, 797.	6.3	24
29	p125/Sec23-interacting protein (Sec23ip) is required for spermiogenesis. <i>FEBS Letters</i> , 2011, 585, 2171-2176.	2.8	23
30	Legionella hijacks the host Golgi-to-ER retrograde pathway for the association of Legionella-containing vacuole with the ER. <i>PLoS Pathogens</i> , 2021, 17, e1009437.	4.7	22
31	Valosin-containing Protein-interacting Membrane Protein (VIMP) Links the Endoplasmic Reticulum with Microtubules in Concert with Cytoskeleton-linking Membrane Protein (CLIMP)-63. <i>Journal of Biological Chemistry</i> , 2014, 289, 24304-24313.	3.4	20
32	MT1-MMP recruits the ER-Golgi SNARE Bet1 for efficient MT1-MMP transport to the plasma membrane. <i>Journal of Cell Biology</i> , 2019, 218, 3355-3371.	5.2	20
33	<i>Legionella</i> remodels the plasma membrane-derived vacuole by utilizing exocyst components as tethers. <i>Journal of Cell Biology</i> , 2018, 217, 3863-3872.	5.2	18
34	<i>Legionella</i> blocks autophagy by cleaving STX17 (syntaxin 17). <i>Autophagy</i> , 2017, 13, 2008-2009.	9.1	17
35	Î³-SNAP stimulates disassembly of endosomal SNARE complexes and regulates endocytic trafficking pathways. <i>Journal of Cell Science</i> , 2015, 128, 2781-94.	2.0	16
36	MAP1B-CLC1 prevents autophagosome formation by linking syntaxin 17 to microtubules. <i>EMBO Reports</i> , 2018, 19, .	4.5	16

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37	A lysophospholipid acyltransferase antagonist, CI-976, creates novel membrane tubules marked by intracellular phospholipase A1 KIAA0725p. <i>Molecular and Cellular Biochemistry</i> , 2013, 376, 151-161.	3.1	9
38	Syncytial Mutations Do Not Impair the Specificity of Entry and Spread of a Glycoprotein D Receptor-Retargeted Herpes Simplex Virus. <i>Journal of Virology</i> , 2016, 90, 11096-11105.	3.4	8
39	Syntaxin 17, an ancient SNARE paralog, plays different and conserved roles in different organisms. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	6
40	Syntaxin 17 Recruits ACSL3 to Lipid Microdomains in Lipid Droplet Biogenesis. <i>Contact (Thousand Oaks)</i> 1.3 0.0 rgBT /Overlock 13	1.3	3
41	Requirement of phosphatidic acid binding for distribution of the bacterial protein Lpg1137 targeting syntaxin 17. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	3
42	DDHD1, but Not DDHD2, Suppresses Neurite Outgrowth in SH-SY5Y and PC12 Cells by Regulating Protein Transport From Recycling Endosomes. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 670.	3.7	1
43	The structure and function of N-ethylmaleimide-sensitive factor(NSF) involved in vesicle-mediated intracellular protein transport.. <i>Seibutsu Butsuri</i> , 1994, 34, 6-10.	0.1	0
44	STX17: an ancient SNARE protein whose roles have not been conserved. , 2022, 1, 14-16.		0