

Susan Ferro-Novick

List of Publications by Year in descending order

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49
papers

4,643
citations

136885
32
h-index

214721
47
g-index

52
all docs

52
docs citations

52
times ranked

5515
citing authors

#	ARTICLE	IF	CITATIONS
1	Vesicle fusion from yeast to man. <i>Nature</i> , 1994, 370, 191-193.	13.7	644
2	Trs85 directs a Ypt1 GEF, TRAPPIII, to the phagophore to promote autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 7811-7816.	3.3	244
3	TRAPP I Implicated in the Specificity of Tethering in ER-to-Golgi Transport. <i>Molecular Cell</i> , 2001, 7, 433-442.	4.5	230
4	TRAPPI tethers COPII vesicles by binding the coat subunit Sec23. <i>Nature</i> , 2007, 445, 941-944.	13.7	214
5	The Role of GTP-Binding Proteins in Transport along the Exocytic Pathway. <i>Annual Review of Cell Biology</i> , 1993, 9, 575-599.	26.0	196
6	Ypt1p implicated in v-SNARE activation. <i>Nature</i> , 1994, 372, 698-701.	13.7	188
7	The Structural Basis for Activation of the Rab Ypt1p by the TRAPP Membrane-Tethering Complexes. <i>Cell</i> , 2008, 133, 1202-1213.	13.5	166
8	Sequential interactions with Sec23 control the direction of vesicle traffic. <i>Nature</i> , 2011, 473, 181-186.	13.7	163
9	TRAPP complexes in membrane traffic: convergence through a common Rab. <i>Nature Reviews Molecular Cell Biology</i> , 2010, 11, 759-763.	16.1	159
10	ER structure and function. <i>Current Opinion in Cell Biology</i> , 2013, 25, 428-433.	2.6	155
11	Bos1p, an integral membrane protein of the endoplasmic reticulum to Golgi transport vesicles, is required for their fusion competence. <i>Cell</i> , 1993, 73, 735-745.	13.5	146
12	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.	3.3	135
13	Dynamics and inheritance of the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2004, 117, 2871-2878.	1.2	134
14	ER network formation requires a balance of the dynamin-like GTPase Sey1p and the Lunapark family member Lnp1p. <i>Nature Cell Biology</i> , 2012, 14, 707-716.	4.6	134
15	Dependence of Ypt1 and Sec4 membrane attachment on Bet2. <i>Nature</i> , 1991, 351, 158-161.	13.7	127
16	Rtn1p Is Involved in Structuring the Cortical Endoplasmic Reticulum. <i>Molecular Biology of the Cell</i> , 2006, 17, 3009-3020.	0.9	118
17	A COPII subunit acts with an autophagy receptor to target endoplasmic reticulum for degradation. <i>Science</i> , 2019, 365, 53-60.	6.0	114
18	Ypt1 recruits the Atg1 kinase to the preautophagosomal structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9800-9805.	3.3	112

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19	Mutants in trs120 disrupt traffic from the early endosome to the late Golgi. <i>Journal of Cell Biology</i> , 2005, 171, 823-833.	2.3	109
20	mTrs130 Is a Component of a Mammalian TRAPP II Complex, a Rab1 GEF That Binds to COPI-coated Vesicles. <i>Molecular Biology of the Cell</i> , 2009, 20, 4205-4215.	0.9	107
21	The Highly Conserved COPII Coat Complex Sorts Cargo from the Endoplasmic Reticulum and Targets It to the Golgi. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a013367-a013367.	2.3	103
22	Lunapark stabilizes nascent three-way junctions in the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 418-423.	3.3	101
23	Sec24 phosphorylation regulates autophagosome abundance during nutrient deprivation. <i>ELife</i> , 2016, 5, .	2.8	73
24	Bet2p and Mad2p are components of a prenyltransferase that adds geranylgeranyl onto Ypt1p and Sec4p. <i>Nature</i> , 1993, 366, 84-86.	13.7	71
25	ER-Phagy, ER Homeostasis, and ER Quality Control: Implications for Disease. <i>Trends in Biochemical Sciences</i> , 2021, 46, 630-639.	3.7	65
26	Ypt1/Rab1 regulates Hrr25/CK1 γ kinase activity in ER-Golgi traffic and macroautophagy. <i>Journal of Cell Biology</i> , 2015, 210, 273-285.	2.3	63
27	Crosstalk between the Secretory and Autophagy Pathways Regulates Autophagosome Formation. <i>Developmental Cell</i> , 2017, 41, 23-32.	3.1	61
28	The link between autophagy and secretion: a story of multitasking proteins. <i>Molecular Biology of the Cell</i> , 2017, 28, 1161-1164.	0.9	44
29	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.	0.9	43
30	Vps13 is required for the packaging of the ER into autophagosomes during ER-phagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18530-18539.	3.3	42
31	ER-phagy requires Lnp1, a protein that stabilizes rearrangements of the ER network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6237-E6244.	3.3	41
32	Nuclear pore complex integrity requires Lnp1, a regulator of cortical endoplasmic reticulum. <i>Molecular Biology of the Cell</i> , 2015, 26, 2833-2844.	0.9	38
33	Sgf1p, a New Component of the Sec34p/Sec35p Complex. <i>Traffic</i> , 2001, 2, 820-830.	1.3	35
34	Establishing a Role for the GTPase Ypt1p at the Late Golgi. <i>Traffic</i> , 2010, 11, 520-532.	1.3	35
35	Autophagosome formation: Where the secretory and autophagy pathways meet. <i>Autophagy</i> , 2017, 13, 973-974.	4.3	33
36	A High Copy Suppressor Screen Reveals Genetic Interactions Between BET3 and a New Gene: Evidence for a Novel Complex in ER-to-Golgi Transport. <i>Genetics</i> , 1998, 149, 833-841.	1.2	31

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37	A requirement for ER-derived COPII vesicles in phagophore initiation. <i>Autophagy</i> , 2014, 10, 708-709.	4.3	27
38	Traffic control system within cells. <i>Nature</i> , 2013, 504, 98-98.	13.7	23
39	Endoplasmic reticulum tubules limit the size of misfolded protein condensates. <i>ELife</i> , 2021, 10, .	2.8	23
40	Defining components required for transport from the ER to the golgi complex in yeast. <i>BioEssays</i> , 1990, 12, 485-491.	1.2	20
41	Auxilin facilitates membrane traffic in the early secretory pathway. <i>Molecular Biology of the Cell</i> , 2016, 27, 127-136.	0.9	19
42	Rewiring a Rab regulatory network reveals a possible inhibitory role for the vesicle tether, Uso1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8637-E8645.	3.3	17
43	ER-phagy requires the assembly of actin at sites of contact between the cortical ER and endocytic pits. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	16
44	Ypt1 and COPII vesicles act in autophagosome biogenesis and the early secretory pathway. <i>Biochemical Society Transactions</i> , 2015, 43, 92-96.	1.6	11
45	Architecture of the endoplasmic reticulum plays a role in proteostasis. <i>Autophagy</i> , 2022, 18, 937-938.	4.3	8
46	A new role for a COPII cargo adaptor in autophagy. <i>Autophagy</i> , 2020, 16, 376-378.	4.3	3
47	Actin assembly at sites of contact between the cortical ER and endocytic pits promotes ER autophagy. <i>Autophagy</i> , 2023, 19, 358-359.	4.3	1
48	Methods for Assessing the Regulation of a Kinase by the Rab GTPase. <i>Methods in Molecular Biology</i> , 2021, 2293, 201-211.	0.4	0
49	Autophagy of the ER Requires Actin Assembly Driven by the Interaction of ER with Endocytic Pits. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2022, 5, 251525642210932.	0.4	0