

Nava Segev

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

7,929
citations

186265

28
h-index

214800

47
g-index

51
all docs

51
docs citations

51
times ranked

16120
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	The yeast GTP-binding YPT1 protein and a mammalian counterpart are associated with the secretion machinery. <i>Cell</i> , 1988, 52, 915-924.	28.9	719
3	Ypt and Rab GTPases: insight into functions through novel interactions. <i>Current Opinion in Cell Biology</i> , 2001, 13, 500-511.	5.4	264
4	Two New Ypt GTPases Are Required for Exit From the Yeast trans-Golgi Compartment. <i>Journal of Cell Biology</i> , 1997, 137, 563-580.	5.2	203
5	The TRAPP Complex Is a Nucleotide Exchanger for Ypt1 and Ypt31/32. <i>Molecular Biology of the Cell</i> , 2000, 11, 4403-4411.	2.1	187
6	TRAPP II subunits are required for the specificity switch of a Ypt-Rab GEF. <i>Nature Cell Biology</i> , 2006, 8, 1263-1269.	10.3	139
7	Rab5-dependent autophagosome closure by ESCRT. <i>Journal of Cell Biology</i> , 2019, 218, 1908-1927.	5.2	125
8	Regulation of selective autophagy onset by a Ypt/Rab GTPase module. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6981-6986.	7.1	117
9	Synthetic Genetic Array Analysis of the PtdIns 4-kinase Pik1p Identifies Components in a Golgi-specific Ypt31/rab-GTPase Signaling Pathway. <i>Molecular Biology of the Cell</i> , 2005, 16, 776-793.	2.1	112
10	The TRAPP Complex: Insights into its Architecture and Function. <i>Traffic</i> , 2008, 9, 2032-2042.	2.7	106
11	Direct Interaction between a Myosin V Motor and the Rab GTPases Ypt31/32 Is Required for Polarized Secretion. <i>Molecular Biology of the Cell</i> , 2008, 19, 4177-4187.	2.1	92
12	TRAPP Complexes in Secretion and Autophagy. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 20.	3.7	92
13	Ypt31/32 GTPases and Their Novel F-Box Effector Protein Rcy1 Regulate Protein Recycling. <i>Molecular Biology of the Cell</i> , 2005, 16, 178-192.	2.1	87
14	Genetic Interactions in Yeast Between Ypt GTPases and Arf Guanine Nucleotide Exchangers. <i>Genetics</i> , 1999, 152, 1543-1556.	2.9	76
15	A Role for Macro-ER-Phagy in ER Quality Control. <i>PLoS Genetics</i> , 2015, 11, e1005390.	3.5	68
16	A Vps21 endocytic module regulates autophagy. <i>Molecular Biology of the Cell</i> , 2014, 25, 3166-3177.	2.1	55
17	Regulation of ER-phagy by a Ypt/Rab GTPase module. <i>Molecular Biology of the Cell</i> , 2013, 24, 3133-3144.	2.1	51
18	A Rab5 GTPase module is important for autophagosome closure. <i>PLoS Genetics</i> , 2017, 13, e1007020.	3.5	51

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19	Coordination of intracellular transport steps by GTPases. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 33-38.	5.0	46
20	Ypt/Rab GTPases: Principles learned from yeast. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2015, 50, 203-211.	5.2	43
21	The Role of Trs65 in the Ypt/Rab Guanine Nucleotide Exchange Factor Function of the TRAPP II Complex. <i>Molecular Biology of the Cell</i> , 2007, 18, 2533-2541.	2.1	42
22	GTP Hydrolysis Is Not Important for Ypt1 GTPase Function in Vesicular Transport. <i>Molecular and Cellular Biology</i> , 1998, 18, 827-838.	2.3	41
23	Conservation of the TRAPP II-specific subunits of a Ypt/Rab exchanger complex. <i>BMC Evolutionary Biology</i> , 2007, 7, 12.	3.2	38
24	TRAPP II Complex Assembly Requires Trs33 or Trs65. <i>Traffic</i> , 2009, 10, 1831-1844.	2.7	36
25	Regulation of Golgi Cisternal Progression by Ypt/Rab GTPases. <i>Developmental Cell</i> , 2016, 36, 440-452.	7.0	36
26	Ypt31/32 GTPases and their F-Box effector Rcy1 regulate ubiquitination of recycling proteins. <i>Cellular Logistics</i> , 2011, 1, 21-31.	0.9	35
27	Deficiencies in vesicular transport mediated by TRAPPC4 are associated with severe syndromic intellectual disability. <i>Brain</i> , 2020, 143, 112-130.	7.6	33
28	Identification of Regulators for Ypt1 GTPase Nucleotide Cycling. <i>Molecular Biology of the Cell</i> , 1998, 9, 2819-2837.	2.1	31
29	Trs130 Participates in Autophagy Through GTPases Ypt31/32 in <i>Saccharomyces cerevisiae</i> . <i>Traffic</i> , 2013, 14, 233-246.	2.7	30
30	GTPases in intracellular trafficking: An overview. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 1-2.	5.0	29
31	Modular TRAPP Complexes Regulate Intracellular Protein Trafficking Through Multiple Ypt/Rab GTPases in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2012, 191, 451-460.	2.9	29
32	Trs33-Containing TRAPP IV: A Novel Autophagy-Specific Ypt1 GEF. <i>Genetics</i> , 2016, 204, 1117-1128.	2.9	28
33	Trs20 is Required for TRAPP III Complex Assembly at the PAS and its Function in Autophagy. <i>Traffic</i> , 2014, 15, 327-337.	2.7	27
34	Ypt/Rab GTPases and their TRAPP GEFs at the Golgi. <i>FEBS Letters</i> , 2019, 593, 2488-2500.	2.8	27
35	Hijacking Leucyl-tRNA Synthetase for Amino Acid-Dependent Regulation of TORC1. <i>Molecular Cell</i> , 2012, 46, 4-6.	9.7	21
36	Trs20 is Required for TRAPP II Assembly. <i>Traffic</i> , 2013, 14, 678-690.	2.7	20

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37	A Ypt/Rab GTPase module makes a PAS. <i>Autophagy</i> , 2012, 8, 1271-1272.	9.1	16
38	Autophagosome closure by ESCRT: Vps21/RAB5-regulated ESCRT recruitment via an Atg17-Snf7 interaction. <i>Autophagy</i> , 2019, 15, 1653-1654.	9.1	14
39	CELL BIOLOGY: A TIP About Rabs. <i>Science</i> , 2001, 292, 1313-1314.	12.6	12
40	TRAPPING a neurological disorder: from yeast to humans. <i>Autophagy</i> , 2020, 16, 965-966.	9.1	10
41	Characterization of constitutive ER-phagy of excess membrane proteins. <i>PLoS Genetics</i> , 2020, 16, e1009255.	3.5	9
42	Ypt/Rab GTPases regulate two intersections of the secretory and the endosomal/lysosomal pathways. <i>Cellular Logistics</i> , 2014, 4, e954870.	0.9	8
43	Bringing host-cell takeover by pathogenic bacteria to center stage. <i>Cellular Logistics</i> , 2011, 1, 120-124.	0.9	4
44	Ypt1 and TRAPP Interactions: Optimization of Multicolor Bimolecular Fluorescence Complementation in Yeast. <i>Methods in Molecular Biology</i> , 2015, 1298, 107-116.	0.9	4
45	ESCRTing proteasomes to the lysosome. <i>PLoS Genetics</i> , 2020, 16, e1008631.	3.5	3
46	Regulation and Coordination of Intracellular Trafficking: An Overview. , 2009, , 329-341.		3
47	Newer Methods Drive Recent Insights into Rab GTPase Biology: An Overview. <i>Methods in Molecular Biology</i> , 2021, 2293, 1-18.	0.9	2
48	ER-Phagy in Starvation, ER Stress, and Quality Control. , 2017, , 251-260.		0
49	Establishing Regulation of a Dynamic Process by Ypt/Rab GTPases: A Case for. <i>Methods in Molecular Biology</i> , 2021, 2293, 189-199.	0.9	0
50	The role of Ypt/Rab GTPases in Traffic Coordination. <i>FASEB Journal</i> , 2012, 26, 355.1.	0.5	0