

JosÃ© A Martina

List of Publications by Year in descending order

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44
papers

5,497
citations

126907

33
h-index

243625

44
g-index

45
all docs

45
docs citations

45
times ranked

8719
citing authors

#	ARTICLE	IF	CITATIONS
1	MTORC1 functions as a transcriptional regulator of autophagy by preventing nuclear transport of TFEB. <i>Autophagy</i> , 2012, 8, 903-914.	9.1	983
2	Transcriptional Activation of Lysosomal Exocytosis Promotes Cellular Clearance. <i>Developmental Cell</i> , 2011, 21, 421-430.	7.0	594
3	The Nutrient-Responsive Transcription Factor TFE3 Promotes Autophagy, Lysosomal Biogenesis, and Clearance of Cellular Debris. <i>Science Signaling</i> , 2014, 7, ra9.	3.6	486
4	Rag GTPases mediate amino acid-dependent recruitment of TFEB and MITF to lysosomes. <i>Journal of Cell Biology</i> , 2013, 200, 475-491.	5.2	278
5	<scp>TFEB</scp> and <scp>TFE</scp>3 are novel components of the integrated stress response. <i>EMBO Journal</i> , 2016, 35, 479-495.	7.8	237
6	TFEB and TFE3 cooperate in the regulation of the innate immune response in activated macrophages. <i>Autophagy</i> , 2016, 12, 1240-1258.	9.1	230
7	Functions of Adaptor Protein (AP)-3 and AP-1 in Tyrosinase Sorting from Endosomes to Melanosomes. <i>Molecular Biology of the Cell</i> , 2005, 16, 5356-5372.	2.1	225
8	Recognition of dileucine-based sorting signals from HIV-1 Nef and LIMP-II by the AP-1 $\hat{\imath}$ 3 and AP-3 $\hat{\imath}$ 3 hemicomplexes. <i>Journal of Cell Biology</i> , 2003, 163, 1281-1290.	5.2	223
9	Stonin 2. <i>Journal of Cell Biology</i> , 2001, 153, 1111-1120.	5.2	140
10	Novel roles for the MITF/TFE family of transcription factors in organelle biogenesis, nutrient sensing, and energy homeostasis. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 2483-2497.	5.4	135
11	TFEB regulates lysosomal positioning by modulating TMEM55B expression and JIP4 recruitment to lysosomes. <i>Nature Communications</i> , 2017, 8, 1580.	12.8	135
12	Involvement of clathrin and AP-2 in the trafficking of MHC class II molecules to antigen-processing compartments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7910-7915.	7.1	122
13	Emerging roles for TFEB in the immune response and inflammation. <i>Autophagy</i> , 2018, 14, 181-189.	9.1	118
14	BLOC-3, a Protein Complex Containing the Hermansky-Pudlak Syndrome Gene Products HPS1 and HPS4. <i>Journal of Biological Chemistry</i> , 2003, 278, 29376-29384.	3.4	116
15	Protein phosphatase 2A stimulates activation of TFEB and TFE3 transcription factors in response to oxidative stress. <i>Journal of Biological Chemistry</i> , 2018, 293, 12525-12534.	3.4	101
16	The tumor suppressor FLCN mediates an alternate mTOR pathway to regulate browning of adipose tissue. <i>Genes and Development</i> , 2016, 30, 2551-2564.	5.9	100
17	The Transcription Factors TFEB and TFE3 Link the FLCN-AMPK Signaling Axis to Innate Immune Response and Pathogen Resistance. <i>Cell Reports</i> , 2019, 26, 3613-3628.e6.	6.4	91
18	Organization of ganglioside synthesis in the Golgi apparatus. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1437, 101-118.	2.4	84

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19	Polycystic liver disease is a disorder of cotranslational protein processing. <i>Trends in Molecular Medicine</i> , 2005, 11, 37-42.	6.7	83
20	The Calcium Channel Mucolipin-3 is a Novel Regulator of Trafficking Along the Endosomal Pathway. <i>Traffic</i> , 2009, 10, 1143-1156.	2.7	81
21	EphB2 and EphB4 receptors forward signaling promotes SDF-1-induced endothelial cell chemotaxis and branching remodeling. <i>Blood</i> , 2006, 108, 2914-2922.	1.4	80
22	Identification of the Penta-EF-hand Protein ALG-2 as a Ca ²⁺ -dependent Interactor of Mucolipin-1. <i>Journal of Biological Chemistry</i> , 2009, 284, 36357-36366.	3.4	77
23	Influence of N-Glycosylation and N-Glycan Trimming on the Activity and Intracellular Traffic of GD3 Synthase. <i>Journal of Biological Chemistry</i> , 1998, 273, 3725-3731.	3.4	72
24	The transcription factors TFE3 and TFEB amplify p53 dependent transcriptional programs in response to DNA damage. <i>ELife</i> , 2018, 7, .	6.0	69
25	Molecular characterization of hepatocystin, the protein that is defective in autosomal dominant polycystic liver disease. <i>Gastroenterology</i> , 2004, 126, 1819-1827.	1.3	60
26	Improved efficacy of a next-generation ERT in murine Pompe disease. <i>JCI Insight</i> , 2019, 4, .	5.0	57
27	LAPTM3s regulate lysosomal function and interact with mucolipin 1: new clues for understanding mucopolidosis type IV. <i>Journal of Cell Science</i> , 2011, 124, 459-468.	2.0	55
28	Dynamic MTORC1-TFEB feedback signaling regulates hepatic autophagy, steatosis and liver injury in long-term nutrient oversupply. <i>Autophagy</i> , 2018, 14, 1779-1795.	9.1	53
29	Reduced pigmentation (rp), a mouse model of Hermansky-Pudlak syndrome, encodes a novel component of the BLOC-1 complex. <i>Blood</i> , 2004, 104, 3181-3189.	1.4	48
30	Mit/TFE Family of Transcription Factors: An Evolutionary Perspective. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 609683.	3.7	46
31	Two modes of lytic granule fusion during degranulation by natural killer cells. <i>Immunology and Cell Biology</i> , 2011, 89, 728-738.	2.3	45
32	GM3 1±2,8-Sialyltransferase (GD3 Synthase). <i>Journal of Neurochemistry</i> , 2002, 74, 1711-1720.	3.9	41
33	GM1 synthase depends on N-glycosylation for enzyme activity and trafficking to the Golgi complex. <i>Neurochemical Research</i> , 2000, 25, 725-731.	3.3	39
34	Modulation of GalT1 and SialT1 Sub-Golgi Localization by SialT2 Expression Reveals an Organellar Level of Glycolipid Synthesis Control. <i>Journal of Biological Chemistry</i> , 2006, 281, 32852-32860.	3.4	32
35	TFEB and TFE3: The art of multi-tasking under stress conditions. <i>Transcription</i> , 2017, 8, 48-54.	3.1	32
36	A conserved cysteine-based redox mechanism sustains TFEB/HLH30 activity under persistent stress. <i>EMBO Journal</i> , 2021, 40, e105793.	7.8	22

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37	Mouse ? 1,3-galactosyltransferase (GA1/GM1/GD1b synthase): Protein characterization, tissue expression, and developmental regulation in neural retina. <i>Journal of Neuroscience Research</i> , 1999, 58, 318-327.	2.9	19
38	RRAG GTPases link nutrient availability to gene expression, autophagy and lysosomal biogenesis. <i>Autophagy</i> , 2013, 9, 928-930.	9.1	18
39	SnapShot: Lysosomal Storage Diseases. <i>Cell</i> , 2020, 180, 602-602.e1.	28.9	16
40	Imaging of lytic granule exocytosis in CD8+ cytotoxic T lymphocytes reveals a modified form of full fusion. <i>Cellular Immunology</i> , 2011, 271, 267-279.	3.0	14
41	Melanoregulin is stably targeted to the melanosome membrane by palmitoylation. <i>Biochemical and Biophysical Research Communications</i> , 2012, 426, 209-214.	2.1	14
42	The role of protease-activated receptor 1 signaling in CD8 T cell effector functions. <i>IScience</i> , 2021, 24, 103387.	4.1	9
43	The FACT complex facilitates expression of lysosomal and antioxidant genes through binding to TFEB and TFE3. <i>Autophagy</i> , 2022, 18, 2333-2349.	9.1	9
44	HSP90 inhibitors induce GPNMB cell-surface expression by modulating lysosomal positioning and sensitize breast cancer cells to glembatumumab vedotin. <i>Oncogene</i> , 2022, 41, 1701-1717.	5.9	8