

# Muriel Mari

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

11,392  
citations

101384

36  
h-index

138251

58  
g-index

91  
all docs

91  
docs citations

91  
times ranked

21790  
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.	4.3	4,701
2	Chloroquine inhibits autophagic flux by decreasing autophagosome-lysosome fusion. <i>Autophagy</i> , 2018, 14, 1435-1455.	4.3	1,341
3	Regulation of endoplasmic reticulum turnover by selective autophagy. <i>Nature</i> , 2015, 522, 354-358.	13.7	714
4	An Atg9-containing compartment that functions in the early steps of autophagosome biogenesis. <i>Journal of Cell Biology</i> , 2010, 190, 1005-1022.	2.3	412
5	Lipid droplets are functionally connected to the endoplasmic reticulum in <i>Saccharomyces cerevisiae</i> . <i>Journal of Cell Science</i> , 2011, 124, 2424-2437.	1.2	356
6	Full length RTN3 regulates turnover of tubular endoplasmic reticulum via selective autophagy. <i>ELife</i> , 2017, 6, .	2.8	319
7	Cellular Metabolism Regulates Contact Sites between Vacuoles and Mitochondria. <i>Developmental Cell</i> , 2014, 30, 86-94.	3.1	285
8	Galectin-3 Coordinates a Cellular System for Lysosomal Repair and Removal. <i>Developmental Cell</i> , 2020, 52, 69-87.e8.	3.1	198
9	Atg9 establishes Atg2-dependent contact sites between the endoplasmic reticulum and phagophores. <i>Journal of Cell Biology</i> , 2018, 217, 2743-2763.	2.3	194
10	A role for Atg8â€‘PE deconjugation in autophagosome biogenesis. <i>Autophagy</i> , 2012, 8, 780-793.	4.3	184
11	Lipid droplets and their component triglycerides and steryl esters regulate autophagosome biogenesis. <i>EMBO Journal</i> , 2015, 34, 2117-2131.	3.5	175
12	Sorting by the Cytoplasmic Domain of the Amyloid Precursor Protein Binding Receptor SorLA. <i>Molecular and Cellular Biology</i> , 2007, 27, 6842-6851.	1.1	166
13	SNX1 Defines an Early Endosomal Recycling Exit for Sortilin and Mannose 6â€‘Phosphate Receptors. <i>Traffic</i> , 2008, 9, 380-393.	1.3	145
14	Mouse Hepatitis Coronavirus RNA Replication Depends on GBF1-Mediated ARF1 Activation. <i>PLoS Pathogens</i> , 2008, 4, e1000088.	2.1	132
15	A COPII subunit acts with an autophagy receptor to target endoplasmic reticulum for degradation. <i>Science</i> , 2019, 365, 53-60.	6.0	114
16	CD2AP/CMS Regulates Endosome Morphology and Traffic to the Degradative Pathway Through its Interaction with Rab4 and c-Cbl. <i>Traffic</i> , 2003, 4, 97-112.	1.3	112
17	Phosphorylation of a membrane curvatureâ€‘sensing motif switches function of the HOPS subunit Vps41 in membrane tethering. <i>Journal of Cell Biology</i> , 2010, 191, 845-859.	2.3	107
18	Genetic Coding Variant in GPR65 Alters Lysosomal pH and Links Lysosomal Dysfunction with Colitis Risk. <i>Immunity</i> , 2016, 44, 1392-1405.	6.6	106

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19	Identification of seipin-linked factors that act as determinants of a lipid droplet subpopulation. <i>Journal of Cell Biology</i> , 2018, 217, 269-282.	2.3	99
20	The puzzling origin of the autophagosomal membrane. <i>F1000 Biology Reports</i> , 2011, 3, 25.	4.0	98
21	Regulation of lipid droplet and membrane biogenesis by the acidic tail of the phosphatidate phosphatase Pah1p. <i>Molecular Biology of the Cell</i> , 2013, 24, 2124-2133.	0.9	87
22	A Cryosectioning Procedure for the Ultrastructural Analysis and the Immunogold Labelling of Yeast <i>Saccharomyces cerevisiae</i> . <i>Traffic</i> , 2008, 9, 1060-1072.	1.3	83
23	The CORVET Subunit Vps8 Cooperates with the Rab5 Homolog Vps21 to Induce Clustering of Late Endosomal Compartments. <i>Molecular Biology of the Cell</i> , 2009, 20, 5276-5289.	0.9	83
24	Vps41 Phosphorylation and the Rab Ypt7 Control the Targeting of the HOPS Complex to Endosome-Vacuole Fusion Sites. <i>Molecular Biology of the Cell</i> , 2009, 20, 1937-1948.	0.9	82
25	An evidence based hypothesis on the existence of two pathways of mitochondrial crista formation. <i>ELife</i> , 2016, 5, .	2.8	81
26	A Picky Eater: Exploring the Mechanisms of Selective Autophagy in Human Pathologies. <i>Traffic</i> , 2008, 9, 281-289.	1.3	72
27	ATF4 links ER stress with reticulophagy in glioblastoma cells. <i>Autophagy</i> , 2021, 17, 2432-2448.	4.3	66
28	A newly characterized vacuolar serine carboxypeptidase, Atg42/Ybr139w, is required for normal vacuole function and the terminal steps of autophagy in the yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2018, 29, 1089-1099.	0.9	60
29	Conserved Atg8 recognition sites mediate Atg4 association with autophagosomal membranes and Atg8 deconjugation. <i>EMBO Reports</i> , 2017, 18, 765-780.	2.0	59
30	Role of the FYVE Finger and the RUN Domain for the Subcellular Localization of Rabip4. <i>Journal of Biological Chemistry</i> , 2001, 276, 42501-42508.	1.6	53
31	Compartmentalized Synthesis of Triacylglycerol at the Inner Nuclear Membrane Regulates Nuclear Organization. <i>Developmental Cell</i> , 2019, 50, 755-766.e6.	3.1	52
32	A dual role for K63-linked ubiquitin chains in multivesicular body biogenesis and cargo sorting. <i>Molecular Biology of the Cell</i> , 2012, 23, 2170-2183.	0.9	49
33	Loperamide, pimozone, and STF-62247 trigger autophagy-dependent cell death in glioblastoma cells. <i>Cell Death and Disease</i> , 2018, 9, 994.	2.7	49
34	Vac8 spatially confines autophagosome formation at the vacuole. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	48
35	The Rab4 effector Rabip4 plays a role in the endocytotic trafficking of Glut 4 in 3T3-L1 adipocytes. <i>Journal of Cell Science</i> , 2006, 119, 1297-1306.	1.2	44
36	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

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37	Intrinsically Disordered Linker and Plasma Membrane Binding Motif Sort Ist2 and Ssy1 to Junctions. <i>Traffic</i> , 2015, 16, 135-147.	1.3	38
38	Ultrastructural Characterization of Membrane Rearrangements Induced by Porcine Epidemic Diarrhea Virus Infection. <i>Viruses</i> , 2017, 9, 251.	1.5	37
39	Atg9 Trafficking in Yeast <i>Saccharomyces cerevisiae</i> . <i>Autophagy</i> , 2007, 3, 145-148.	4.3	34
40	The Paf1 complex transcriptionally regulates the mitochondrial-anchored protein Atg32 leading to activation of mitophagy. <i>Autophagy</i> , 2020, 16, 1366-1379.	4.3	26
41	Parkinson's disease-associated VPS35 mutant reduces mitochondrial membrane potential and impairs PINK1/Parkin-mediated mitophagy. <i>Translational Neurodegeneration</i> , 2021, 10, 19.	3.6	26
42	Atg9 reservoirs, a new organelle of the yeast endomembrane system?. <i>Autophagy</i> , 2010, 6, 1221-1223.	4.3	23
43	Electron microscopy for ultrastructural analysis and protein localization in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell</i> , 2015, 2, 412-428.	1.4	23
44	Retinyl esters form lipid droplets independently of triacylglycerol and seipin. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	22
45	Progressive Motor Deficit is Mediated by the Denervation of Neuromuscular Junctions and Axonal Degeneration in Transgenic Mice Expressing Mutant (P301S) Tau Protein. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S41-S57.	1.2	21
46	AP $\beta$ vesicle uncoating occurs after HOPS-dependent vacuole tethering. <i>EMBO Journal</i> , 2020, 39, e105117.	3.5	21
47	MERIT, a cellular system coordinating lysosomal repair, removal and replacement. <i>Autophagy</i> , 2020, 16, 1539-1541.	4.3	19
48	Immuno- and Correlative Light Microscopy-Electron Tomography Methods for 3D Protein Localization in Yeast. <i>Traffic</i> , 2014, 15, 1164-1178.	1.3	17
49	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
50	Spatial control of avidity regulates initiation and progression of selective autophagy. <i>Nature Communications</i> , 2021, 12, 7194.	5.8	14
51	Irs4p and Tax4p: Two Redundant EH Domain Proteins Involved in Autophagy. <i>Traffic</i> , 2008, 9, 755-769.	1.3	13
52	The surface of lipid droplets constitutes a barrier for endoplasmic reticulum-resident integral membrane proteins. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	13
53	Cvm1 is a component of multiple vacuolar contact sites required for sphingolipid homeostasis. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	13
54	Shortening of membrane lipid acyl chains compensates for phosphatidylcholine deficiency in choline-auxotroph yeast. <i>EMBO Journal</i> , 2021, 40, e107966.	3.5	12

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55	<i>Pseudomonas aeruginosa</i> lectin LecB impairs keratinocyte fitness by abrogating growth factor signalling. <i>Life Science Alliance</i> , 2019, 2, e201900422.	1.3	11
56	Shaping membranes into autophagosomes. <i>Nature Cell Biology</i> , 2007, 9, 1125-1127.	4.6	10
57	Post-transcriptional regulation of <i>ATG1</i> is a critical node that modulates autophagy during distinct nutrient stresses. <i>Autophagy</i> , 2022, 18, 1694-1714.	4.3	8
58	The yeast <i>LYST</i> homolog <i>Bph1</i> is a Rab5 effector and prevents Atg8 lipidation at endosomes. <i>Journal of Cell Science</i> , 2022, , .	1.2	3
59	Nanogold Labeling of the Yeast Endosomal System for Ultrastructural Analyses. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	0