

Yumei Wu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,170
citations

430754

18
h-index

677027

22
g-index

31
all docs

31
docs citations

31
times ranked

3860
citing authors

#	ARTICLE	IF	CITATIONS
1	Contacts between the endoplasmic reticulum and other membranes in neurons. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4859-E4867.	3.3	378
2	A liquid phase of synapsin and lipid vesicles. Science, 2018, 361, 604-607.	6.0	344
3	Massive accumulation of luminal protease-deficient axonal lysosomes at Alzheimer's disease amyloid plaques. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3699-708.	3.3	313
4	Role of dynamin, synaptojanin, and endophilin in podocyte foot processes. Journal of Clinical Investigation, 2012, 122, 4401-4411.	3.9	137
5	Parkinson Sac Domain Mutation in Synaptojanin 1 Impairs Clathrin Uncoating at Synapses and Triggers Dystrophic Changes in Dopaminergic Axons. Neuron, 2017, 93, 882-896.e5.	3.8	136
6	Impaired JIP3-dependent axonal lysosome transport promotes amyloid plaque pathology. Journal of Cell Biology, 2017, 216, 3291-3305.	2.3	107
7	Epsin deficiency impairs endocytosis by stalling the actin-dependent invagination of endocytic clathrin-coated pits. ELife, 2014, 3, e03311.	2.8	101
8	Coupling between endocytosis and sphingosine kinase 1 recruitment. Nature Cell Biology, 2014, 16, 652-662.	4.6	93
9	A dynamin 1-, dynamin 3- and clathrin-independent pathway of synaptic vesicle recycling mediated by bulk endocytosis. ELife, 2014, 3, e01621.	2.8	93
10	Dynamin and endocytosis are required for the fusion of osteoclasts and myoblasts. Journal of Cell Biology, 2014, 207, 73-89.	2.3	75
11	Î±-Synuclein fibril-induced paradoxical structural and functional defects in hippocampal neurons. Acta Neuropathologica Communications, 2018, 6, 35.	2.4	62
12	Cooperative function of synaptophysin and synapsin in the generation of synaptic vesicle-like clusters in non-neuronal cells. Nature Communications, 2021, 12, 263.	5.8	47
13	Lipid transporter TMEM24/C2CD2L is a Ca ²⁺ -regulated component of ER-plasma membrane contacts in mammalian neurons. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5775-5784.	3.3	44
14	Dynamic instability of clathrin assembly provides proofreading control for endocytosis. Journal of Cell Biology, 2019, 218, 3200-3211.	2.3	41
15	Reduced release probability prevents vesicle depletion and transmission failure at dynamin mutant synapses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E515-23.	3.3	40
16	Dynamin 2 regulates biphasic insulin secretion and plasma glucose homeostasis. Journal of Clinical Investigation, 2015, 125, 4026-4041.	3.9	36
17	Absence of Sac2/INPP5F enhances the phenotype of a Parkinson's disease mutation of synaptojanin 1. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12428-12434.	3.3	30
18	In situ architecture of the lipid transport protein VPS13C at ER-lysosome membrane contacts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	27

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19	Kidney Tubular Ablation of Ocr1/Inpp5b Phenocopies Lowe Syndrome Tubulopathy. Journal of the American Society of Nephrology: JASN, 2017, 28, 1399-1407.	3.0	24
20	SHIP164 is a chorein motif lipid transfer protein that controls endosomeâ€“Golgi membrane traffic. Journal of Cell Biology, 2022, 221, .	2.3	12
21	Dynamin deficiency causes insulin secretion failure and hyperglycemia. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	7
22	Multimodal imaging of synaptic vesicles with a single probe. Cell Reports Methods, 2022, 2, 100199.	1.4	1
23	FIB-SEM 3D CLEM of Cultured Cells. Microscopy and Microanalysis, 2019, 25, 1044-1045.	0.2	0
24	SHIP164 is a Chorein Motif Lipid Transfer Protein that Controls Endosomeâ€“Golgi Membrane Traffic. FASEB Journal, 2022, 36, .	0.2	0