Tania LÃ³pez-HernÃ¡ndez

List of Publications by Year
in descending order

20 papers	940 citations	567281 15 h-index	752698 20 g-index
22 all docs	22 docs citations	22 times ranked	1348 citing authors

#	Article	IF	Citations
1	Clathrin-independent endocytic retrieval of SV proteins mediated by the clathrin adaptor AP-2 at mammalian central synapses. ELife, 2022, 11, .	6.0	12
2	Control of membrane protein homeostasis by a chaperone-like glial cell adhesion molecule at multiple subcellular locations. Scientific Reports, 2021, 11, 18435.	3.3	8
3	Ramping up the autophagy-lysosome system to cope with osmotic stress. Autophagy, 2020, 16, 1921-1922.	9.1	1
4	Endocytic regulation of cellular ion homeostasis controls lysosome biogenesis. Nature Cell Biology, 2020, 22, 815-827.	10.3	33
5	Endocytosis in the adaptation to cellular stress. Cell Stress, 2020, 4, 230-247.	3.2	36
6	A Recurrent Missense Variant in AP2M1 Impairs Clathrin-Mediated Endocytosis and Causes Developmental and Epileptic Encephalopathy. American Journal of Human Genetics, 2019, 104, 1060-1072.	6.2	78
7	Endocytic Adaptor Proteins in Health and Disease: Lessons from Model Organisms and Human Mutations. Cells, 2019, 8, 1345.	4.1	24
8	Megalencephalic leukoencephalopathy with subcortical cysts: A personal biochemical retrospective. European Journal of Medical Genetics, 2018, 61, 50-60.	1.3	19
9	Depolarization causes the formation of a ternary complex between GlialCAM, MLC1 and ClC-2 in astrocytes: implications in megalencephalic leukoencephalopathy. Human Molecular Genetics, 2017, 26, 2436-2450.	2.9	33
10	Lysosomal Dysfunction Caused by Cellular Accumulation of Silica Nanoparticles. Journal of Biological Chemistry, 2016, 291, 14170-14184.	3.4	89
11	GlialCAM, a CLC-2 Cl - Channel Subunit, Activates the Slow Gate of CLC Chloride Channels. Biophysical Journal, 2014, 107, 1105-1116.	0.5	32
12	Functional Analyses of Mutations inHEPACAMCausing Megalencephalic Leukoencephalopathy. Human Mutation, 2014, 35, 1175-1178.	2.5	16
13	Megalencephalic leukoencephalopathy with subcortical cysts protein 1 regulates glial surface localization of GLIALCAM from fish to humans. Human Molecular Genetics, 2014, 23, 5069-5086.	2.9	34
14	Insights into MLC pathogenesis: GlialCAM is an MLC1 chaperone required for proper activation of volume-regulated anion currents. Human Molecular Genetics, 2013, 22, 4405-4416.	2.9	50
15	GlialCAM, a Protein Defective in a Leukodystrophy, Serves as a ClC-2 Clâ" Channel Auxiliary Subunit. Neuron, 2012, 73, 951-961.	8.1	118
16	A modification of the split-tobacco etch virus method for monitoring interactions between membrane proteins in mammalian cells. Analytical Biochemistry, 2012, 423, 109-118.	2.4	8
17	Molecular mechanisms of MLC1 and GLIALCAM mutations in megalencephalic leukoencephalopathy with subcortical cysts. Human Molecular Genetics, 2011, 20, 3266-3277.	2.9	80
18	Mutant GlialCAM Causes Megalencephalic Leukoencephalopathy with Subcortical Cysts, Benign Familial Macrocephaly, and Macrocephaly with Retardation and Autism. American Journal of Human Genetics, 2011, 88, 422-432.	6.2	148

#	Article	IF	Citations
19	Knockdown of MLC1 in primary astrocytes causes cell vacuolation: A MLC disease cell model. Neurobiology of Disease, 2011, 43, 228-238.	4.4	60
20	Molecular pathogenesis of megalencephalic leukoencephalopathy with subcortical cysts: mutations in MLC1 cause folding defects. Human Molecular Genetics, 2008, 17, 3728-3739.	2.9	60