

Tania LÃ³pez-HernÃ¡ndez

List of Publications by Year in descending order

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Version: 2024-02-01

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	Mutant GlialCAM Causes Megalencephalic Leukoencephalopathy with Subcortical Cysts, Benign Familial Macrocephaly, and Macrocephaly with Retardation and Autism. <i>American Journal of Human Genetics</i> , 2011, 88, 422-432.	6.2	148
2	GlialCAM, a Protein Defective in a Leukodystrophy, Serves as a CLC-2 Cl ⁻ Channel Auxiliary Subunit. <i>Neuron</i> , 2012, 73, 951-961.	8.1	118
3	Lysosomal Dysfunction Caused by Cellular Accumulation of Silica Nanoparticles. <i>Journal of Biological Chemistry</i> , 2016, 291, 14170-14184.	3.4	89
4	Molecular mechanisms of MLC1 and GLIALCAM mutations in megalencephalic leukoencephalopathy with subcortical cysts. <i>Human Molecular Genetics</i> , 2011, 20, 3266-3277.	2.9	80
5	A Recurrent Missense Variant in AP2M1 Impairs Clathrin-Mediated Endocytosis and Causes Developmental and Epileptic Encephalopathy. <i>American Journal of Human Genetics</i> , 2019, 104, 1060-1072.	6.2	78
6	Molecular pathogenesis of megalencephalic leukoencephalopathy with subcortical cysts: mutations in MLC1 cause folding defects. <i>Human Molecular Genetics</i> , 2008, 17, 3728-3739.	2.9	60
7	Knockdown of MLC1 in primary astrocytes causes cell vacuolation: A MLC disease cell model. <i>Neurobiology of Disease</i> , 2011, 43, 228-238.	4.4	60
8	Insights into MLC pathogenesis: GlialCAM is an MLC1 chaperone required for proper activation of volume-regulated anion currents. <i>Human Molecular Genetics</i> , 2013, 22, 4405-4416.	2.9	50
9	Endocytosis in the adaptation to cellular stress. <i>Cell Stress</i> , 2020, 4, 230-247.	3.2	36
10	Megalencephalic leukoencephalopathy with subcortical cysts protein 1 regulates glial surface localization of GLIALCAM from fish to humans. <i>Human Molecular Genetics</i> , 2014, 23, 5069-5086.	2.9	34
11	Depolarization causes the formation of a ternary complex between GlialCAM, MLC1 and CLC-2 in astrocytes: implications in megalencephalic leukoencephalopathy. <i>Human Molecular Genetics</i> , 2017, 26, 2436-2450.	2.9	33
12	Endocytic regulation of cellular ion homeostasis controls lysosome biogenesis. <i>Nature Cell Biology</i> , 2020, 22, 815-827.	10.3	33
13	GlialCAM, a CLC-2 Cl ⁻ Channel Subunit, Activates the Slow Gate of CLC Chloride Channels. <i>Biophysical Journal</i> , 2014, 107, 1105-1116.	0.5	32
14	Endocytic Adaptor Proteins in Health and Disease: Lessons from Model Organisms and Human Mutations. <i>Cells</i> , 2019, 8, 1345.	4.1	24
15	Megalencephalic leukoencephalopathy with subcortical cysts: A personal biochemical retrospective. <i>European Journal of Medical Genetics</i> , 2018, 61, 50-60.	1.3	19
16	Functional Analyses of Mutations in <i>HEPACAM</i> Causing Megalencephalic Leukoencephalopathy. <i>Human Mutation</i> , 2014, 35, 1175-1178.	2.5	16
17	Clathrin-independent endocytic retrieval of SV proteins mediated by the clathrin adaptor AP-2 at mammalian central synapses. <i>ELife</i> , 2022, 11, .	6.0	12
18	A modification of the split-tobacco etch virus method for monitoring interactions between membrane proteins in mammalian cells. <i>Analytical Biochemistry</i> , 2012, 423, 109-118.	2.4	8

#	ARTICLE	IF	CITATIONS
19	Control of membrane protein homeostasis by a chaperone-like glial cell adhesion molecule at multiple subcellular locations. <i>Scientific Reports</i> , 2021, 11, 18435.	3.3	8
20	Ramping up the autophagy-lysosome system to cope with osmotic stress. <i>Autophagy</i> , 2020, 16, 1921-1922.	9.1	1