Lin Liu

List of Publications by Year
in descending order

13	816	1163117 8	1125743 13
papers	citations	h-index	g-index

13	13	13	1319
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Functional stoichiometry of the unitary calcium-release-activated calcium channel. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13668-13673.	7.1	239
2	Improved Orange and Red Ca²⁺ Indicators and Photophysical Considerations for Optogenetic Applications. ACS Chemical Neuroscience, 2013, 4, 963-972.	3.5	218
3	Graded activation of CRAC channel by binding of different numbers of STIM1 to Orai1 subunits. Cell Research, 2011, 21, 305-315.	12.0	123
4	Recycling of Golgi glycosyltransferases requires direct binding to coatomer. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8984-8989.	7.1	68
5	Genetic Targeting of a Small Fluorescent Zinc Indicator to Cell Surface for Monitoring Zinc Secretion. ACS Chemical Biology, 2015, 10, 1054-1063.	3.4	57
6	Multiple Domains of GlcNAc-1-phosphotransferase Mediate Recognition of Lysosomal Enzymes. Journal of Biological Chemistry, 2016, 291, 8295-8307.	3.4	39
7	Engineering of GlcNAc-1-Phosphotransferase for Production of Highly Phosphorylated Lysosomal Enzymes for Enzyme Replacement Therapy. Molecular Therapy - Methods and Clinical Development, 2017, 5, 59-65.	4.1	27
8	Caenorhabditis elegans ciliary protein NPHP-8, the homologue of human RPGRIP1L, is required for ciliogenesis and chemosensation. Biochemical and Biophysical Research Communications, 2011, 410, 626-631.	2.1	17
9	Role of spacerâ€1 in the maturation and function of Glc<scp>NA</scp>câ€1â€phosphotransferase. FEBS Letters, 2017, 591, 47-55.	2.8	8
10	Cell-autonomous expression of the acid hydrolase galactocerebrosidase. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9032-9041.	7.1	8
11	Structure of the human GlcNAc-1-phosphotransferase Î±Î² subunits reveals regulatory mechanism for lysosomal enzyme glycan phosphorylation. Nature Structural and Molecular Biology, 2022, 29, 348-356.	8.2	6
12	Inactivation of the three GGA genes in HeLa cells partially compromises lysosomal enzyme sorting. FEBS Open Bio, 2021, 11, 367-374.	2.3	5
13	Elevated mRNA expression and defective processing of cathepsin D in HeLa cells lacking the mannose 6â€phosphate pathway. FEBS Open Bio, 2021, 11, 1695-1703.	2.3	1