

# Lin Liu

## List of Publications by Year in descending order

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13  
papers

816  
citations

1163117

8  
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1125743

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g-index

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13  
docs citations

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times ranked

1319  
citing authors

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