Tina Y Liu

List of Publications by Year
in descending order

12 papers	1,063 citations	759055 12 h-index	1058333 14 g-index
17 all docs	17 docs citations	17 times ranked	1404 citing authors

#	Article	IF	Citations
1	Structures of the atlastin GTPase provide insight into homotypic fusion of endoplasmic reticulum membranes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3976-3981.	3.3	212
2	Accelerated RNA detection using tandem CRISPR nucleases. Nature Chemical Biology, 2021, 17, 982-988.	3.9	135
3	A Conserved Role for Atlastin GTPases in Regulating Lipid Droplet Size. Cell Reports, 2013, 3, 1465-1475.	2.9	128
4	Lipid interaction of the C terminus and association of the transmembrane segments facilitate atlastin-mediated homotypic endoplasmic reticulum fusion. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2146-54.	3.3	102
5	Reconstitution of the tubular endoplasmic reticulum network with purified components. Nature, 2017, 543, 257-260.	13.7	95
6	RNA and DNA Targeting by a Reconstituted Thermus thermophilus Type III-A CRISPR-Cas System. PLoS ONE, 2017, 12, e0170552.	1.1	81
7	Cis and trans interactions between atlastin molecules during membrane fusion. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1851-60.	3.3	65
8	Chemistry of Class 1 CRISPR-Cas effectors: Binding, editing, and regulation. Journal of Biological Chemistry, 2020, 295, 14473-14487.	1.6	49
9	Designed Proteins To Modulate Cellular Networks. ACS Chemical Biology, 2010, 5, 545-552.	1.6	46
10	Screening Libraries To Identify Proteins with Desired Binding Activities Using a Split-GFP Reassembly Assay. ACS Chemical Biology, 2010, 5, 553-562.	1.6	45
11	Target preference of Type III-A CRISPR-Cas complexes at the transcription bubble. Nature Communications, 2019, 10, 3001.	5.8	40
12	Chapter 3 Lymphotactin Structural Dynamics. Methods in Enzymology, 2009, 461, 51-70.	0.4	29