

Tina Y Liu

List of Publications by Year in descending order

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