

Shyamal Mosalaganti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5236194/publications.pdf>

Version: 2024-02-01

16
papers

2,029
citations

623734

14
h-index

1058476

14
g-index

24
all docs

24
docs citations

24
times ranked

3541
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for single-particle cryo-electron microscopy studies of small integral membrane proteins. <i>Biophysical Journal</i> , 2022, 121, 343a.	0.5	0
2	AI-based structure prediction empowers integrative structural analysis of human nuclear pores. <i>Science</i> , 2022, 376, .	12.6	136
3	Three-dimensional superresolution fluorescence microscopy maps the variable molecular architecture of the nuclear pore complex. <i>Molecular Biology of the Cell</i> , 2021, 32, 1523-1533.	2.1	37
4	Structural impact of K63 ubiquitin on yeast translocating ribosomes under oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22157-22166.	7.1	21
5	In situ structural analysis of SARS-CoV-2 spike reveals flexibility mediated by three hinges. <i>Science</i> , 2020, 370, 203-208.	12.6	531
6	Quality over quantity: Achieving Better Resolution in Subtomogram Averaging Using Less particles. <i>Microscopy and Microanalysis</i> , 2020, 26, 2514-2514.	0.4	0
7	Selective autophagy degrades nuclear pore complexes. <i>Nature Cell Biology</i> , 2020, 22, 159-166.	10.3	86
8	Benchmarking tomographic acquisition schemes for high-resolution structural biology. <i>Nature Communications</i> , 2020, 11, 876.	12.8	49
9	From the resolution revolution to evolution: structural insights into the evolutionary relationships between vesicle coats and the nuclear pore. <i>Current Opinion in Structural Biology</i> , 2018, 52, 32-40.	5.7	21
10	In situ architecture of the algal nuclear pore complex. <i>Nature Communications</i> , 2018, 9, 2361.	12.8	107
11	Structure of the RZZ complex and molecular basis of its interaction with Spindly. <i>Journal of Cell Biology</i> , 2017, 216, 961-981.	5.2	65
12	Proteasomes tether to two distinct sites at the nuclear pore complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13726-13731.	7.1	123
13	Molecular architecture of the inner ring scaffold of the human nuclear pore complex. <i>Science</i> , 2016, 352, 363-365.	12.6	284
14	Insights from the reconstitution of the divergent outer kinetochore of <i>Drosophila melanogaster</i> . <i>Open Biology</i> , 2016, 6, 150236.	3.6	41
15	In situ structural analysis of the human nuclear pore complex. <i>Nature</i> , 2015, 526, 140-143.	27.8	361
16	Modular Assembly of RWD Domains on the Mis12 Complex Underlies Outer Kinetochore Organization. <i>Molecular Cell</i> , 2014, 53, 591-605.	9.7	116