

Miao Gui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1970960/publications.pdf>

Version: 2024-02-01

14
papers

1,980
citations

687363

13
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

4016
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structure of the SARS coronavirus spike glycoprotein in complex with its host cell receptor ACE2. PLoS Pathogens, 2018, 14, e1007236.	4.7	716
2	Cryo-electron microscopy structures of the SARS-CoV spike glycoprotein reveal a prerequisite conformational state for receptor binding. Cell Research, 2017, 27, 119-129.	12.0	547
3	Structural and molecular basis for Ebola virus neutralization by protective human antibodies. Science, 2016, 351, 1343-1346.	12.6	176
4	Structures of radial spokes and associated complexes important for ciliary motility. Nature Structural and Molecular Biology, 2021, 28, 29-37.	8.2	81
5	De novo identification of mammalian ciliary motility proteins using cryo-EM. Cell, 2021, 184, 5791-5806.e19.	28.9	73
6	Cryo-EM structure of an activated GPCRâ€“G protein complex in lipid nanodiscs. Nature Structural and Molecular Biology, 2021, 28, 258-267.	8.2	71
7	Electron microscopy studies of the coronavirus ribonucleoprotein complex. Protein and Cell, 2017, 8, 219-224.	11.0	62
8	Structure and activation mechanism of the BBSome membrane protein trafficking complex. ELife, 2020, 9, .	6.0	62
9	Potent neutralizing monoclonal antibodies against Ebola virus infection. Scientific Reports, 2016, 6, 25856.	3.3	46
10	Structural assembly of the tailed bacteriophage Î•29. Nature Communications, 2019, 10, 2366.	12.8	44
11	The bacteriophage Î•29 tail possesses a pore-forming loop for cell membrane penetration. Nature, 2016, 534, 544-547.	27.8	33
12	Ciliary central apparatus structure reveals mechanisms of microtubule patterning. Nature Structural and Molecular Biology, 2022, 29, 483-492.	8.2	33
13	The interactions between mitochondria and sarcoplasmic reticulum and the proteome characterization of mitochondrionâ€“associated membrane from rabbit skeletal muscle. Proteomics, 2015, 15, 2701-2704.	2.2	21
14	Structural intermediates in the low pH-induced transition of influenza hemagglutinin. PLoS Pathogens, 2020, 16, e1009062.	4.7	15