Quan Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/71087/publications.pdf

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21	2,855	567281 15	713466 21
papers	citations	h-index	g-index

24	24	24	5564
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. Science, 2020, 368, 779-782.	12.6	1,228
2	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. Cell, 2020, 182, 417-428.e13.	28.9	672
3	Cryo-EM Structure of an Extended SARS-CoV-2 Replication and Transcription Complex Reveals an Intermediate State in Cap Synthesis. Cell, 2021, 184, 184-193.e10.	28.9	201
4	Architecture of a SARS-CoV-2 mini replication and transcription complex. Nature Communications, 2020, 11, 5874.	12.8	147
5	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. Science, 2018, 362, .	12.6	117
6	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. Science, 2020, 368, 1211-1219.	12.6	82
7	Rules of engagement between Î±vÎ²6 integrin and foot-and-mouth disease virus. Nature Communications, 2017, 8, 15408.	12.8	75
8	Bunyamwera virus possesses a distinct nucleocapsid protein to facilitate genome encapsidation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9048-9053.	7.1	52
9	Structures of fungal and plant acetohydroxyacid synthases. Nature, 2020, 586, 317-321.	27.8	37
10	Structure and activity of SLAC1 channels for stomatal signaling in leaves. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	35
11	Cryo-EM structure of Mycobacterium smegmatis DyP-loaded encapsulin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	32
12	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. Nature Communications, 2021, 12, 4621.	12.8	24
13	Structure of Mycobacterium tuberculosis cytochrome bcc in complex with Q203 and TB47, two anti-TB drug candidates. ELife, 2021, 10, .	6.0	22
14	Cryo-EM structure of trimeric Mycobacterium smegmatis succinate dehydrogenase with a membrane-anchor SdhF. Nature Communications, 2020, 11, 4245.	12.8	20
15	Architecture of the mycobacterial succinate dehydrogenase with a membrane-embedded Rieske FeS cluster. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
16	Baicalin Inhibits the Lethality of Shiga-Like Toxin 2 in Mice. Antimicrobial Agents and Chemotherapy, 2015, 59, 7054-7060.	3.2	15
17	Cryo-EM snapshots of mycobacterial arabinosyltransferase complex EmbB2-AcpM2. Protein and Cell, 2020, 11, 505-517.	11.0	13
18	Baicalin Inhibits the Lethality of Ricin in Mice by Inducing Protein Oligomerization. Journal of Biological Chemistry, 2015, 290, 12899-12907.	3.4	12

#	Article	IF	Citations
19	Remdesivir overcomes the S861 roadblock in SARS-CoV-2 polymerase elongation complex. Cell Reports, 2021, 37, 109882.	6.4	12
20	Structural properties of the peroxiredoxin AhpC2 from the hyperthermophilic eubacterium Aquifex aeolicus. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2797-2805.	2.4	4
21	Uncovering the Molecular Mechanism of Actions between Pharmaceuticals and Proteins on the AD Network. PLoS ONE, 2015, 10, e0144387.	2.5	3