

# Quan Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

2,855  
citations

567281

15  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

5564  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM Structure of an Extended SARS-CoV-2 Replication and Transcription Complex Reveals an Intermediate State in Cap Synthesis. <i>Cell</i> , 2021, 184, 184-193.e10.	28.9	201
2	Cryo-EM structure of <i>Mycobacterium smegmatis</i> DyP-loaded encapsulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
3	Architecture of the mycobacterial succinate dehydrogenase with a membrane-embedded Rieske FeS cluster. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	17
4	Structure and activity of SLAC1 channels for stomatal signaling in leaves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	35
5	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. <i>Nature Communications</i> , 2021, 12, 4621.	12.8	24
6	Remdesivir overcomes the S861 roadblock in SARS-CoV-2 polymerase elongation complex. <i>Cell Reports</i> , 2021, 37, 109882.	6.4	12
7	Structure of <i>Mycobacterium tuberculosis</i> cytochrome bcc in complex with Q203 and TB47, two anti-TB drug candidates. <i>ELife</i> , 2021, 10, .	6.0	22
8	Architecture of a SARS-CoV-2 mini replication and transcription complex. <i>Nature Communications</i> , 2020, 11, 5874.	12.8	147
9	Cryo-EM structure of trimeric <i>Mycobacterium smegmatis</i> succinate dehydrogenase with a membrane-anchor SdhF. <i>Nature Communications</i> , 2020, 11, 4245.	12.8	20
10	Structures of fungal and plant acetoxyacid synthases. <i>Nature</i> , 2020, 586, 317-321.	27.8	37
11	Cryo-EM snapshots of mycobacterial arabinosyltransferase complex EmbB2-AcpM2. <i>Protein and Cell</i> , 2020, 11, 505-517.	11.0	13
12	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. <i>Science</i> , 2020, 368, 779-782.	12.6	1,228
13	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. <i>Science</i> , 2020, 368, 1211-1219.	12.6	82
14	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. <i>Cell</i> , 2020, 182, 417-428.e13.	28.9	672
15	Structural properties of the peroxiredoxin AhpC2 from the hyperthermophilic eubacterium <i>Aquifex aeolicus</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 2797-2805.	2.4	4
16	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. <i>Science</i> , 2018, 362, .	12.6	117
17	Rules of engagement between $\beta$ 6 integrin and foot-and-mouth disease virus. <i>Nature Communications</i> , 2017, 8, 15408.	12.8	75
18	Uncovering the Molecular Mechanism of Actions between Pharmaceuticals and Proteins on the AD Network. <i>PLoS ONE</i> , 2015, 10, e0144387.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Baicalin Inhibits the Lethality of Ricin in Mice by Inducing Protein Oligomerization. Journal of Biological Chemistry, 2015, 290, 12899-12907.	3.4	12
20	Baicalin Inhibits the Lethality of Shiga-Like Toxin 2 in Mice. Antimicrobial Agents and Chemotherapy, 2015, 59, 7054-7060.	3.2	15
21	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