

Xiuna Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

4,458
citations

14
h-index

26
g-index

26
ext. papers

6,154
ext. citations

19.4
avg, IF

5.34
L-index

#	Paper	IF	Citations
25	Structural basis for replicase polyprotein cleavage and substrate specificity of main protease from SARS-CoV-2.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2117142119	11.5	11
24	Serum Amyloid A1 Exacerbates Hepatic Steatosis via TLR4 Mediated NF- κ B Signaling Pathway.. <i>Molecular Metabolism</i> , 2022 , 101462	8.8	2
23	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. <i>Protein and Cell</i> , 2021 , 1	7.2	37
22	High-throughput screening identifies established drugs as SARS-CoV-2 PLpro inhibitors. <i>Protein and Cell</i> , 2021 , 12, 877-888	7.2	28
21	Cryo-EM structure of DyP-loaded encapsulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	16
20	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,	11.5	1
19	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. <i>Nature Communications</i> , 2021 , 12, 4621	17.4	4
18	Cryo-EM snapshots of mycobacterial arabinosyltransferase complex EmbB-AcpM. <i>Protein and Cell</i> , 2020 , 11, 505-517	7.2	5
17	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug carmofur. <i>Nature Structural and Molecular Biology</i> , 2020 , 27, 529-532	17.6	234
16	Structure of M from SARS-CoV-2 and discovery of its inhibitors. <i>Nature</i> , 2020 , 582, 289-293	50.4	1836
15	Structural Basis for the Inhibition of Mycobacterial MmpL3 by NITD-349 and SPIRO. <i>Journal of Molecular Biology</i> , 2020 , 432, 4426-4434	6.5	10
14	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. <i>Science</i> , 2020 , 368, 779-782	33.3	819
13	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. <i>Cell</i> , 2020 , 182, 417-428.e13	56.2	411
12	Structural insights into substrate recognition by the type VII secretion system. <i>Protein and Cell</i> , 2020 , 11, 124-137	7.2	14
11	Structural basis of trehalose recycling by the ABC transporter LpqY-SugABC. <i>Science Advances</i> , 2020 , 6,	14.3	7
10	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. <i>Science</i> , 2020 , 368, 1211-1219	33.3	34
9	Structure-based design of antiviral drug candidates targeting the SARS-CoV-2 main protease. <i>Science</i> , 2020 , 368, 1331-1335	33.3	689

8	Mycobacterial dynamin-like protein IniA mediates membrane fission. <i>Nature Communications</i> , 2019 , 10, 3906	17.4	10
7	Crystal Structures of Membrane Transporter MmpL3, an Anti-TB Drug Target. <i>Cell</i> , 2019 , 176, 636-648.e13	16.2	98
6	Snapshots of catalysis: Structure of covalently bound substrate trapped in Mycobacterium tuberculosis thiazole synthase (ThiG). <i>Biochemical and Biophysical Research Communications</i> , 2018 , 497, 214-219	3.4	2
5	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. <i>Science</i> , 2018 , 362,	33.3	76
4	Crystal structure of l-glutamate N-acetyltransferase ArgA from Mycobacterium tuberculosis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017 , 1865, 1800-1807	4	3
3	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. <i>EMBO Journal</i> , 2010 , 29, 2566-76	13	73
2	Crystal structures of human BTG2 and mouse TIS21 involved in suppression of CAF1 deadenylase activity. <i>Nucleic Acids Research</i> , 2008 , 36, 6872-81	20.1	31
1	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug Carmofur		7