

Xiuna Yang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

7,528
citations

430442

18
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

11450
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of Mpro from SARS-CoV-2 and discovery of its inhibitors. Nature, 2020, 582, 289-293.	13.7	3,133
2	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. Science, 2020, 368, 779-782.	6.0	1,228
3	Structure-based design of antiviral drug candidates targeting the SARS-CoV-2 main protease. Science, 2020, 368, 1331-1335.	6.0	1,135
4	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. Cell, 2020, 182, 417-428.e13.	13.5	672
5	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug carmofur. Nature Structural and Molecular Biology, 2020, 27, 529-532.	3.6	339
6	Crystal Structures of Membrane Transporter MmpL3, an Anti-TB Drug Target. Cell, 2019, 176, 636-648.e13.	13.5	172
7	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. Protein and Cell, 2022, 13, 689-693.	4.8	136
8	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. Science, 2018, 362, .	6.0	117
9	High-throughput screening identifies established drugs as SARS-CoV-2 PLpro inhibitors. Protein and Cell, 2021, 12, 877-888.	4.8	95
10	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. EMBO Journal, 2010, 29, 2566-2576.	3.5	87
11	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. Science, 2020, 368, 1211-1219.	6.0	82
12	Structural basis for replicase polyprotein cleavage and substrate specificity of main protease from SARS-CoV-2. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117142119.	3.3	64
13	Crystal structures of human BTG2 and mouse TIS21 involved in suppression of CAF1 deadenylase activity. Nucleic Acids Research, 2008, 36, 6872-6881.	6.5	43
14	Cryo-EM structure of <i>Mycobacterium smegmatis</i> DyP-loaded encapsulin. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	32
15	Mycobacterial dynamin-like protein IniA mediates membrane fission. Nature Communications, 2019, 10, 3906.	5.8	30
16	Structural Basis for the Inhibition of Mycobacterial MmpL3 by NITD-349 and SPIRO. Journal of Molecular Biology, 2020, 432, 4426-4434.	2.0	27
17	Structural insights into substrate recognition by the type VII secretion system. Protein and Cell, 2020, 11, 124-137.	4.8	25
18	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. Nature Communications, 2021, 12, 4621.	5.8	24

#	ARTICLE	IF	CITATIONS
19	Structural basis of trehalose recycling by the ABC transporter LpqY-SugABC. <i>Science Advances</i> , 2020, 6, .	4.7	19
20	Serum amyloid A1 exacerbates hepatic steatosis via TLR4-mediated NF- κ B signaling pathway. <i>Molecular Metabolism</i> , 2022, 59, 101462.	3.0	19
21	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, .	3.3	17
22	Cryo-EM snapshots of mycobacterial arabinosyltransferase complex EmbB2-AcpM2. <i>Protein and Cell</i> , 2020, 11, 505-517.	4.8	13
23	Crystal structure of l -glutamate N -acetyltransferase ArgA from <i>Mycobacterium tuberculosis</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1800-1807.	1.1	6
24	Snapshots of catalysis: Structure of covalently bound substrate trapped in <i>Mycobacterium tuberculosis</i> thiazole synthase (ThiG). <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 214-219.	1.0	2