

Xiuna Yang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

7,528
citations

430874

18
h-index

610901

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. <i>Nature</i> , 2020, 582, 289-293.	27.8	3,133
2	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. <i>Science</i> , 2020, 368, 779-782.	12.6	1,228
3	Structure-based design of antiviral drug candidates targeting the SARS-CoV-2 main protease. <i>Science</i> , 2020, 368, 1331-1335.	12.6	1,135
4	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. <i>Cell</i> , 2020, 182, 417-428.e13.	28.9	672
5	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.	8.2	339
6	Crystal Structures of Membrane Transporter MmpL3, an Anti-TB Drug Target. <i>Cell</i> , 2019, 176, 636-648.e13.	28.9	172
7	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. <i>Protein and Cell</i> , 2022, 13, 689-693.	11.0	136
8	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. <i>Science</i> , 2018, 362, .	12.6	117
9	High-throughput screening identifies established drugs as SARS-CoV-2 PLpro inhibitors. <i>Protein and Cell</i> , 2021, 12, 877-888.	11.0	95
10	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. <i>EMBO Journal</i> , 2010, 29, 2566-2576.	7.8	87
11	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. <i>Science</i> , 2020, 368, 1211-1219.	12.6	82
12	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.	7.1	64
13	Crystal structures of human BTC2 and mouse TIS21 involved in suppression of CAF1 deadenylase activity. <i>Nucleic Acids Research</i> , 2008, 36, 6872-6881.	14.5	43
14	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
15	Mycobacterial dynamin-like protein IniA mediates membrane fission. <i>Nature Communications</i> , 2019, 10, 3906.	12.8	30
16	Structural Basis for the Inhibition of Mycobacterial MmpL3 by NITD-349 and SPIRO. <i>Journal of Molecular Biology</i> , 2020, 432, 4426-4434.	4.2	27
17	Structural insights into substrate recognition by the type VII secretion system. <i>Protein and Cell</i> , 2020, 11, 124-137.	11.0	25
18	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. <i>Nature Communications</i> , 2021, 12, 4621.	12.8	24

#	ARTICLE	IF	CITATIONS
19	Structural basis of trehalose recycling by the ABC transporter LpqY-SugABC. Science Advances, 2020, 6, .	10.3	19
20	Serum amyloid A1 exacerbates hepatic steatosis via TLR4-mediated NF- κ B signaling pathway. Molecular Metabolism, 2022, 59, 101462.	6.5	19
21	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
22	Cryo-EM snapshots of mycobacterial arabinosyltransferase complex EmbB2-AcpM2. Protein and Cell, 2020, 11, 505-517.	11.0	13
23	Crystal structure of l-glutamate N-acetyltransferase ArgA from Mycobacterium tuberculosis. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2017, 1865, 1800-1807.	2.3	6
24	Snapshots of catalysis: Structure of covalently bound substrate trapped in Mycobacterium tuberculosis thiazole synthase (ThiG). Biochemical and Biophysical Research Communications, 2018, 497, 214-219.	2.1	2