Xiuna Yang

List of Publications by Year in descending order

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Χιιινία Υάνις

#	Article	IF	CITATIONS
1	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. Protein and Cell, 2022, 13, 689-693.	11.0	136
2	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.	7.1	64
3	Serum amyloid A1 exacerbates hepatic steatosis via TLR4-mediated NF-κB signaling pathway. Molecular Metabolism, 2022, 59, 101462.	6.5	19
4	High-throughput screening identifies established drugs as SARS-CoV-2 PLpro inhibitors. Protein and Cell, 2021, 12, 877-888.	11.0	95
5	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, .	7.1	32
6	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
7	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. Nature Communications, 2021, 12, 4621.	12.8	24
8	Structural insights into substrate recognition by the type VII secretion system. Protein and Cell, 2020, 11, 124-137.	11.0	25
9	Structural basis of trehalose recycling by the ABC transporter LpqY-SugABC. Science Advances, 2020, 6, .	10.3	19
10	Cryo-EM snapshots of mycobacterial arabinosyltransferase complex EmbB2-AcpM2. Protein and Cell, 2020, 11, 505-517.	11.0	13
11	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug carmofur. Nature Structural and Molecular Biology, 2020, 27, 529-532.	8.2	339
12	Structure of Mpro from SARS-CoV-2 and discovery of its inhibitors. Nature, 2020, 582, 289-293.	27.8	3,133
13	Structural Basis for the Inhibition of Mycobacterial MmpL3 by NITD-349 and SPIRO. Journal of Molecular Biology, 2020, 432, 4426-4434.	4.2	27
14	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. Science, 2020, 368, 779-782.	12.6	1,228
15	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. Science, 2020, 368, 1211-1219.	12.6	82
16	Structure-based design of antiviral drug candidates targeting the SARS-CoV-2 main protease. Science, 2020, 368, 1331-1335.	12.6	1,135
17	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. Cell, 2020, 182, 417-428.e13.	28.9	672
18	Mycobacterial dynamin-like protein IniA mediates membrane fission. Nature Communications, 2019, 10, 3906.	12.8	30

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19	Crystal Structures of Membrane Transporter MmpL3, an Anti-TB Drug Target. Cell, 2019, 176, 636-648.e13.	28.9	172
20	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
21	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. Science, 2018, 362, .	12.6	117
22	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
23	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. EMBO Journal, 2010, 29, 2566-2576.	7.8	87
24	Crystal structures of human BTG2 and mouse TIS21 involved in suppression of CAF1 deadenylase activity. Nucleic Acids Research, 2008, 36, 6872-6881.	14.5	43