Xiuna Yang

List of Publications by Citations

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	Structure of M from SARS-CoV-2 and discovery of its inhibitors. *Nature*, **2020**, 582, 289-293	50.4	1836
24	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. *Science*, **2020**, 368, 779-782	33.3	819
23	Structure-based design of antiviral drug candidates targeting the SARS-CoV-2 main protease. *Science*, **2020**, 368, 1331-1335	33.3	689
22	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. *Cell*, **2020**, 182, 417-428.e13	56.2	411
21	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug carmofur. *Nature Structural and Molecular Biology*, **2020**, 27, 529-532	17.6	234
20	Crystal Structures of Membrane Transporter MmpL3, an Anti-TB Drug Target. *Cell*, **2019**, 176, 636-648.e13	56.2	98
19	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. *Science*, **2018**, 362,	33.3	76
18	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. *EMBO Journal*, **2010**, 29, 2566-76	13	73
17	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. *Protein and Cell*, **2021**, 1	7.2	37
16	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. *Science*, **2020**, 368, 1211-1219	33.3	34
15	Crystal structures of human BTG2 and mouse TIS21 involved in suppression of CAF1 deadenylase activity. *Nucleic Acids Research*, **2008**, 36, 6872-81	20.1	31
14	High-throughput screening identifies established drugs as SARS-CoV-2 PLpro inhibitors. *Protein and Cell*, **2021**, 12, 877-888	7.2	28
13	Cryo-EM structure of DyP-loaded encapsulin. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	16
12	Structural insights into substrate recognition by the type VII secretion system. *Protein and Cell*, **2020**, 11, 124-137	7.2	14
11	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	11.5	11
10	Mycobacterial dynamin-like protein IniA mediates membrane fission. *Nature Communications*, **2019**, 10, 3906	17.4	10
9	Structural Basis for the Inhibition of Mycobacterial MmpL3 by NITD-349 and SPIRO. *Journal of Molecular Biology*, **2020**, 432, 4426-4434	6.5	10

8	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug Carmofur		7
7	Structural basis of trehalose recycling by the ABC transporter LpqY-SugABC. *Science Advances*, **2020**, 6,	14.3	7
6	Cryo-EM snapshots of mycobacterial arabinosyltransferase complex EmbB-AcpM. *Protein and Cell*, **2020**, 11, 505-517	7.2	5
5	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. *Nature Communications*, **2021**, 12, 4621	17.4	4
4	Crystal structure of l-glutamate N-acetyltransferase ArgA from Mycobacterium tuberculosis. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2017**, 1865, 1800-1807	4	3
3	Snapshots of catalysis: Structure of covalently bound substrate trapped in Mycobacterium tuberculosis thiazole synthase (ThiG). *Biochemical and Biophysical Research Communications*, **2018**, 497, 214-219	3.4	2
2	Serum Amyloid A1 Exacerbates Hepatic Steatosis via TLR4 Mediated NF-B Signaling Pathway.. *Molecular Metabolism*, **2022**, 101462	8.8	2
1	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,	11.5	1