

# 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	Crystal structure of SARS-CoV-2 main protease in complex with protease inhibitor PF-07321332. <i>Protein and Cell</i> , 2022, 13, 689-693.	4.8	136
2	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.	3.3	64
3	Serum amyloid A1 exacerbates hepatic steatosis via TLR4-mediated NF- $\kappa$ B signaling pathway. <i>Molecular Metabolism</i> , 2022, 59, 101462.	3.0	19
4	High-throughput screening identifies established drugs as SARS-CoV-2 PLpro inhibitors. <i>Protein and Cell</i> , 2021, 12, 877-888.	4.8	95
5	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, .	3.3	32
6	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
7	Cryo-EM structure of mycobacterial cytochrome bd reveals two oxygen access channels. <i>Nature Communications</i> , 2021, 12, 4621.	5.8	24
8	Structural insights into substrate recognition by the type VII secretion system. <i>Protein and Cell</i> , 2020, 11, 124-137.	4.8	25
9	Structural basis of trehalose recycling by the ABC transporter LpqY-SugABC. <i>Science Advances</i> , 2020, 6, .	4.7	19
10	Cryo-EM snapshots of mycobacterial arabinosyltransferase complex EmbB2-AcpM2. <i>Protein and Cell</i> , 2020, 11, 505-517.	4.8	13
11	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.	3.6	339
12	Structure of Mpro from SARS-CoV-2 and discovery of its inhibitors. <i>Nature</i> , 2020, 582, 289-293.	13.7	3,133
13	Structural Basis for the Inhibition of Mycobacterial MmpL3 by NITD-349 and SPIRO. <i>Journal of Molecular Biology</i> , 2020, 432, 4426-4434.	2.0	27
14	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. <i>Science</i> , 2020, 368, 779-782.	6.0	1,228
15	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. <i>Science</i> , 2020, 368, 1211-1219.	6.0	82
16	Structure-based design of antiviral drug candidates targeting the SARS-CoV-2 main protease. <i>Science</i> , 2020, 368, 1331-1335.	6.0	1,135
17	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. <i>Cell</i> , 2020, 182, 417-428.e13.	13.5	672
18	Mycobacterial dynamin-like protein IniA mediates membrane fission. <i>Nature Communications</i> , 2019, 10, 3906.	5.8	30

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19	Crystal Structures of Membrane Transporter MmpL3, an Anti-TB Drug Target. <i>Cell</i> , 2019, 176, 636-648.e13.	13.5	172
20	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.	1.0	2
21	An electron transfer path connects subunits of a mycobacterial respiratory supercomplex. <i>Science</i> , 2018, 362, .	6.0	117
22	Crystal structure of l -glutamate N -acetyltransferase ArgA from Mycobacterium tuberculosis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1800-1807.	1.1	6
23	Crystal structure of the human CNOT6L nuclease domain reveals strict poly(A) substrate specificity. <i>EMBO Journal</i> , 2010, 29, 2566-2576.	3.5	87
24	Crystal structures of human BTG2 and mouse TIS21 involved in suppression of CAF1 deadenylase activity. <i>Nucleic Acids Research</i> , 2008, 36, 6872-6881.	6.5	43