

# Bing Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

3,776  
citations

10  
h-index

16  
g-index

16  
ext. papers

5,133  
ext. citations

21.1  
avg. IF

5.15  
L-index

#	Paper	IF	Citations
15	Crystal Structures of Wolbachia CidA and CidB Reveal Determinants of Bacteria-induced Cytoplasmic Incompatibility and Rescue.. <i>Nature Communications</i> , <b>2022</b> , 13, 1608	17.4	2
14	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> , <b>2022</b> , 119, e2117142119	11.5	11
13	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug carmofur. <i>Nature Structural and Molecular Biology</i> , <b>2020</b> , 27, 529-532	17.6	234
12	Structure of M from SARS-CoV-2 and discovery of its inhibitors. <i>Nature</i> , <b>2020</b> , 582, 289-293	50.4	1836
11	Structural Basis for the Inhibition of Mycobacterial MmpL3 by NITD-349 and SPIRO. <i>Journal of Molecular Biology</i> , <b>2020</b> , 432, 4426-4434	6.5	10
10	Structure of the RNA-dependent RNA polymerase from COVID-19 virus. <i>Science</i> , <b>2020</b> , 368, 779-782	33.3	819
9	Structural insights into substrate recognition by the type VII secretion system. <i>Protein and Cell</i> , <b>2020</b> , 11, 124-137	7.2	14
8	Structural basis of trehalose recycling by the ABC transporter LpqY-SugABC. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	7
7	Structures of cell wall arabinosyltransferases with the anti-tuberculosis drug ethambutol. <i>Science</i> , <b>2020</b> , 368, 1211-1219	33.3	34
6	Structure-based design of antiviral drug candidates targeting the SARS-CoV-2 main protease. <i>Science</i> , <b>2020</b> , 368, 1331-1335	33.3	689
5	Mycobacterial dynamin-like protein IniA mediates membrane fission. <i>Nature Communications</i> , <b>2019</b> , 10, 3906	17.4	10
4	Crystal Structures of Membrane Transporter MmpL3, an Anti-TB Drug Target. <i>Cell</i> , <b>2019</b> , 176, 636-648.e15	35.2	98
3	Snapshots of catalysis: Structure of covalently bound substrate trapped in Mycobacterium tuberculosis thiazole synthase (ThiG). <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 497, 214-219	3.4	2
2	Crystal structure of l-glutamate N-acetyltransferase ArgA from Mycobacterium tuberculosis. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2017</b> , 1865, 1800-1807	4	3
1	Structural basis for the inhibition of SARS-CoV-2 main protease by antineoplastic drug Carmofur		7