

# Longxing Cao

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/9097226/longxing-cao-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

12  
papers

312  
citations

4  
h-index

13  
g-index

13  
ext. papers

653  
ext. citations

23.3  
avg, IF

3.36  
L-index

#	Paper	IF	Citations
12	Large-scale design and refinement of stable proteins using sequence-only models.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0265020	3.7	0
11	Design of protein binding proteins from target structure alone.. <i>Nature</i> , <b>2022</b> ,	50.4	13
10	Multivalent designed proteins neutralize SARS-CoV-2 variants of concern and confer protection against infection in mice.. <i>Science Translational Medicine</i> , <b>2022</b> , 14, eabn1252	17.5	3
9	Ultrapotent miniproteins targeting the receptor-binding domain protect against SARS-CoV-2 infection and disease in mice <b>2021</b> ,		1
8	Sentinel cells enable genetic detection of SARS-CoV-2 Spike protein <b>2021</b> ,		1
7	De novo design of modular and tunable protein biosensors. <i>Nature</i> , <b>2021</b> , 591, 482-487	50.4	53
6	SARS-COV-2 spike binding to ACE2 in living cells monitored by TR-FRET. <i>Cell Chemical Biology</i> , <b>2021</b> ,	8.2	4
5	Multivalent designed proteins protect against SARS-CoV-2 variants of concern <b>2021</b> ,		4
4	Ultrapotent miniproteins targeting the SARS-CoV-2 receptor-binding domain protect against infection and disease. <i>Cell Host and Microbe</i> , <b>2021</b> , 29, 1151-1161.e5	23.4	11
3	De novo design of picomolar SARS-CoV-2 miniprotein inhibitors. <i>Science</i> , <b>2020</b> , 370, 426-431	33.3	219
2	Large-scale design and refinement of stable proteins using sequence-only models		2
1	Robust de novo design of protein binding proteins from target structural information alone		1