

Longxing Cao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9097226/publications.pdf>

Version: 2024-02-01

8
papers

950
citations

1307594
7
h-index

1588992
8
g-index

13
all docs

13
docs citations

13
times ranked

1302
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo design of picomolar SARS-CoV-2 miniprotein inhibitors. Science, 2020, 370, 426-431.	12.6	464
2	Design of protein-binding proteins from the target structure alone. Nature, 2022, 605, 551-560.	27.8	164
3	De novo design of modular and tunable protein biosensors. Nature, 2021, 591, 482-487.	27.8	153
4	Multivalent designed proteins neutralize SARS-CoV-2 variants of concern and confer protection against infection in mice. Science Translational Medicine, 2022, 14, eabn1252.	12.4	68
5	Ultrapotent miniproteins targeting the SARS-CoV-2 receptor-binding domain protect against infection and disease. Cell Host and Microbe, 2021, 29, 1151-1161.e5.	11.0	36
6	Large-scale design and refinement of stable proteins using sequence-only models. PLoS ONE, 2022, 17, e0265020.	2.5	17
7	SARS-COV-2 spike binding to ACE2 in living cells monitored by TR-FRET. Cell Chemical Biology, 2022, 29, 74-83.e4.	5.2	13
8	Rapid and Sensitive Detection of Antigen from SARS-CoV-2 Variants of Concern by a Multivalent Minibinder-Functionalized Nanomechanical Sensor. Analytical Chemistry, 2022, 94, 8105-8109.	6.5	6