

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

1306789

7
h-index

1588620

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. <i>Science</i> , 2020, 370, 426-431.	6.0	464
2	Design of protein-binding proteins from the target structure alone. <i>Nature</i> , 2022, 605, 551-560.	13.7	164
3	De novo design of modular and tunable protein biosensors. <i>Nature</i> , 2021, 591, 482-487.	13.7	153
4	Multivalent designed proteins neutralize SARS-CoV-2 variants of concern and confer protection against infection in mice. <i>Science Translational Medicine</i> , 2022, 14, eabn1252.	5.8	68
5	Ultrapotent miniproteins targeting the SARS-CoV-2 receptor-binding domain protect against infection and disease. <i>Cell Host and Microbe</i> , 2021, 29, 1151-1161.e5.	5.1	36
6	Large-scale design and refinement of stable proteins using sequence-only models. <i>PLoS ONE</i> , 2022, 17, e0265020.	1.1	17
7	SARS-COV-2 spike binding to ACE2 in living cells monitored by TR-FRET. <i>Cell Chemical Biology</i> , 2022, 29, 74-83.e4.	2.5	13
8	Rapid and Sensitive Detection of Antigen from SARS-CoV-2 Variants of Concern by a Multivalent Minibinder-Functionalized Nanomechanical Sensor. <i>Analytical Chemistry</i> , 2022, 94, 8105-8109.	3.2	6