Cameron M Chow

List of Publications by Year
in descending order

11 papers	1,246 citations	933447 10 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	2005 citing authors

#	Article	IF	Citations
1	Elicitation of Potent Neutralizing Antibody Responses by Designed Protein Nanoparticle Vaccines for SARS-CoV-2. Cell, 2020, 183, 1367-1382.e17.	28.9	420
2	De novo protein design by deep network hallucination. Nature, 2021, 600, 547-552.	27.8	280
3	De novo design of modular and tunable protein biosensors. Nature, 2021, 591, 482-487.	27.8	153
4	De novo design of transmembrane Î² barrels. Science, 2021, 371, .	12.6	83
5	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
6	An enumerative algorithm for de novo design of proteins with diverse pocket structures. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22135-22145.	7.1	62
7	Design of multi-scale protein complexes by hierarchical building block fusion. Nature Communications, 2021, 12, 2294.	12.8	48
8	Modular repeat protein sculpting using rigid helical junctions. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8870-8875.	7.1	40
9	Incorporation of sensing modalities into de novo designed fluorescence-activating proteins. Nature Communications, 2021, 12, 856.	12.8	31
10	Thermodynamically coupled biosensors for detecting neutralizing antibodies against SARS-CoV-2 variants. Nature Biotechnology, 2022, 40, 1336-1340.	17.5	23
11	Large-scale design and refinement of stable proteins using sequence-only models. PLoS ONE, 2022, 17, e0265020.	2.5	17