

# Cameron M Chow

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/168133/publications.pdf>

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11  
papers

1,246  
citations

932766

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1281420

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docs citations

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2005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale design and refinement of stable proteins using sequence-only models. PLoS ONE, 2022, 17, e0265020.	1.1	17
2	Multivalent designed proteins neutralize SARS-CoV-2 variants of concern and confer protection against infection in mice. Science Translational Medicine, 2022, 14, eabn1252.	5.8	68
3	Thermodynamically coupled biosensors for detecting neutralizing antibodies against SARS-CoV-2 variants. Nature Biotechnology, 2022, 40, 1336-1340.	9.4	23
4	De novo design of modular and tunable protein biosensors. Nature, 2021, 591, 482-487.	13.7	153
5	Incorporation of sensing modalities into de novo designed fluorescence-activating proteins. Nature Communications, 2021, 12, 856.	5.8	31
6	De novo design of transmembrane $\beta$ barrels. Science, 2021, 371, .	6.0	83
7	Design of multi-scale protein complexes by hierarchical building block fusion. Nature Communications, 2021, 12, 2294.	5.8	48
8	De novo protein design by deep network hallucination. Nature, 2021, 600, 547-552.	13.7	280
9	Elicitation of Potent Neutralizing Antibody Responses by Designed Protein Nanoparticle Vaccines for SARS-CoV-2. Cell, 2020, 183, 1367-1382.e17.	13.5	420
10	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.	3.3	62
11	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.	3.3	40