

Lance J Stewart

List of Publications by Year in Descending Order

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

25
papers

1,299
citations

13
h-index

27
g-index

27
ext. papers

2,144
ext. citations

29.3
avg, IF

4.19
L-index

#	Paper	IF	Citations
25	Large-scale design and refinement of stable proteins using sequence-only models.. <i>PLoS ONE</i> , 2022 , 17, e0265020	3.7	0
24	Design of protein binding proteins from target structure alone.. <i>Nature</i> , 2022 ,	50.4	13
23	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	17.5	3
22	Ultrapotent miniproteins targeting the receptor-binding domain protect against SARS-CoV-2 infection and disease in mice 2021 ,		1
21	Quadrivalent influenza nanoparticle vaccines induce broad protection. <i>Nature</i> , 2021 , 592, 623-628	50.4	40
20	Transferrin receptor targeting by de novo sheet extension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
19	Designed proteins assemble antibodies into modular nanocages. <i>Science</i> , 2021 , 372,	33.3	35
18	Detection of antibodies neutralizing historical and emerging SARS-CoV-2 strains using a thermodynamically coupled de novo biosensor system 2021 ,		1
17	Anchor extension: a structure-guided approach to design cyclic peptides targeting enzyme active sites. <i>Nature Communications</i> , 2021 , 12, 3384	17.4	12
16	De novo design of modular and tunable protein biosensors. <i>Nature</i> , 2021 , 591, 482-487	50.4	53
15	Multivalent designed proteins protect against SARS-CoV-2 variants of concern 2021 ,		4
14	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	23.4	11
13	Designed proteins assemble antibodies into modular nanocages 2020 ,		5
12	Computational design of transmembrane pores. <i>Nature</i> , 2020 , 585, 129-134	50.4	56
11	De novo design of picomolar SARS-CoV-2 miniprotein inhibitors. <i>Science</i> , 2020 , 370, 426-431	33.3	219
10	Enhancing and shaping the immunogenicity of native-like HIV-1 envelope trimers with a two-component protein nanoparticle. <i>Nature Communications</i> , 2019 , 10, 4272	17.4	80
9	Induction of Potent Neutralizing Antibody Responses by a Designed Protein Nanoparticle Vaccine for Respiratory Syncytial Virus. <i>Cell</i> , 2019 , 176, 1420-1431.e17	56.2	190

8	De novo design of potent and selective mimics of IL-2 and IL-15. <i>Nature</i> , 2019 , 565, 186-191	50.4	184
7	Structures and disulfide cross-linking of de novo designed therapeutic mini-proteins. <i>FEBS Journal</i> , 2018 , 285, 1783-1785	5.7	6
6	De novo design of self-assembling helical protein filaments. <i>Science</i> , 2018 , 362, 705-709	33.3	78
5	Three structurally and functionally distinct β -glucuronidases from the human gut microbe. <i>Journal of Biological Chemistry</i> , 2018 , 293, 18559-18573	5.4	24
4	Massively parallel de novo protein design for targeted therapeutics. <i>Nature</i> , 2017 , 550, 74-79	50.4	235
3	A Computationally Designed Hemagglutinin Stem-Binding Protein Provides In Vivo Protection from Influenza Independent of a Host Immune Response. <i>PLoS Pathogens</i> , 2016 , 12, e1005409	7.6	36
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