

Lance J Stewart

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9223190/publications.pdf>

Version: 2024-02-01

20
papers

2,847
citations

516215

16
h-index

752256

20
g-index

27
all docs

27
docs citations

27
times ranked

3933
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	De novo design of potent and selective mimics of IL-2 and IL-15. <i>Nature</i> , 2019, 565, 186-191.	13.7	362
3	Massively parallel de novo protein design for targeted therapeutics. <i>Nature</i> , 2017, 550, 74-79.	13.7	354
4	Induction of Potent Neutralizing Antibody Responses by a Designed Protein Nanoparticle Vaccine for Respiratory Syncytial Virus. <i>Cell</i> , 2019, 176, 1420-1431.e17.	13.5	339
5	Quadrivalent influenza nanoparticle vaccines induce broad protection. <i>Nature</i> , 2021, 592, 623-628.	13.7	180
6	Design of protein-binding proteins from the target structure alone. <i>Nature</i> , 2022, 605, 551-560.	13.7	164
7	De novo design of modular and tunable protein biosensors. <i>Nature</i> , 2021, 591, 482-487.	13.7	153
8	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.	5.8	149
9	Computational design of transmembrane pores. <i>Nature</i> , 2020, 585, 129-134.	13.7	120
10	De novo design of self-assembling helical protein filaments. <i>Science</i> , 2018, 362, 705-709.	6.0	112
11	Designed proteins assemble antibodies into modular nanocages. <i>Science</i> , 2021, 372, .	6.0	104
12	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
13	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.	2.1	49
14	Three structurally and functionally distinct Î²-glucuronidases from the human gut microbe <i>Bacteroides uniformis</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 18559-18573.	1.6	47
15	Anchor extension: a structure-guided approach to design cyclic peptides targeting enzyme active sites. <i>Nature Communications</i> , 2021, 12, 3384.	5.8	37
16	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
17	Thermodynamically coupled biosensors for detecting neutralizing antibodies against SARS-CoV-2 variants. <i>Nature Biotechnology</i> , 2022, 40, 1336-1340.	9.4	23
18	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, .	3.3	17

#	ARTICLE	IF	CITATIONS
19	Large-scale design and refinement of stable proteins using sequence-only models. PLoS ONE, 2022, 17, e0265020.	1.1	17
20	Structures and disulfide crosslinking of de novo designed therapeutic mini-proteins. FEBS Journal, 2018, 285, 1783-1785.	2.2	10