Inna Goreshnik

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6823954/publications.pdf

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11 papers	1,636 citations	933264 10 h-index	1281743 11 g-index
15 all docs	15 docs citations	15 times ranked	2225 citing authors

#	Article	IF	Citations
1	De novo design of picomolar SARS-CoV-2 miniprotein inhibitors. Science, 2020, 370, 426-431.	6.0	464
2	Global analysis of protein folding using massively parallel design, synthesis, and testing. Science, 2017, 357, 168-175.	6.0	392
3	Massively parallel de novo protein design for targeted therapeutics. Nature, 2017, 550, 74-79.	13.7	354
4	Design of protein-binding proteins from the target structure alone. Nature, 2022, 605, 551-560.	13.7	164
5	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
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.	3.3	62
7	Ultrapotent miniproteins targeting the SARS-CoV-2 receptor-binding domain protect against infection and disease. Cell Host and Microbe, 2021, 29, 1151-1161.e5.	5.1	36
8	Computational design of a synthetic PD-1 agonist. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	28
9	A computationally engineered RAS rheostat reveals RASâ€“ERK signaling dynamics. Nature Chemical Biology, 2017, 13, 119-126.	3.9	21
10	Transferrin receptor targeting by de novo sheet extension. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	17
11	Parallelized identification of on- and off-target protein interactions. Molecular Systems Design and Engineering, 2020, 5, 349-357.	1.7	1