Fabian Sesterhenn

List of Publications by Year
in descending order

9 papers	1,034 citations	1039406 9 h-index	1473754 9 g-index
16 all docs	16 docs citations	16 times ranked	1839 citing authors

#	Article	IF	Citations
1	Bottom-up de novo design of functional proteins with complex structural features. Nature Chemical Biology, 2021, 17, 492-500.	3.9	65
2	De novo protein design enables the precise induction of RSV-neutralizing antibodies. Science, 2020, 368, .	6.0	137
3	rstoolbox - a Python library for large-scale analysis of computational protein design data and structural bioinformatics. BMC Bioinformatics, 2019, 20, 240.	1.2	15
4	Boosting subdominant neutralizing antibody responses with a computationally designed epitope-focused immunogen. PLoS Biology, 2019, 17, e3000164.	2.6	26
5	Rosetta FunFolDes â€" A general framework for the computational design of functional proteins. PLoS Computational Biology, 2018, 14, e1006623.	1.5	32
6	Structure-based immunogen design â€" leading the way to the new age of precision vaccines. Current Opinion in Structural Biology, 2018, 51, 163-169.	2.6	22
7	Minimally Mutated HIV-1 Broadly Neutralizing Antibodies to Guide Reductionist Vaccine Design. PLoS Pathogens, 2016, 12, e1005815.	2.1	104
8	Tailored Immunogens Direct Affinity Maturation toward HIV Neutralizing Antibodies. Cell, 2016, 166, 1459-1470.e11.	13.5	230
9	HIV-1 broadly neutralizing antibody precursor B cells revealed by germline-targeting immunogen. Science, 2016, 351, 1458-1463.	6.0	382