

# Fabian Sesterhenn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1595989/publications.pdf>

Version: 2024-02-01

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