

Samuel Schmitz

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

149
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

281
citing authors

#	ARTICLE	IF	CITATIONS
1	Rosetta:MSF: a modular framework for multi-state computational protein design. PLoS Computational Biology, 2017, 13, e1005600.	3.2	43
2	Modeling Immunity with Rosetta: Methods for Antibody and Antigen Design. Biochemistry, 2021, 60, 825-846.	2.5	24
3	PyIR: a scalable wrapper for processing billions of immunoglobulin and T cell receptor sequences using IgBLAST. BMC Bioinformatics, 2020, 21, 314.	2.6	21
4	Plasmodium falciparum Nucleosomes Exhibit Reduced Stability and Lost Sequence Dependent Nucleosome Positioning. PLoS Pathogens, 2016, 12, e1006080.	4.7	18
5	Identification of a novel leptin receptor (LEPR) variant and proof of functional relevance directing treatment decisions in patients with morbid obesity. Metabolism: Clinical and Experimental, 2021, 116, 154438.	3.4	17
6	Rosetta design with co-evolutionary information retains protein function. PLoS Computational Biology, 2021, 17, e1008568.	3.2	12
7	Human-likeness of antibody biologics determined by back-translation and comparison with large antibody variable gene repertoires. MAbs, 2020, 12, 1758291.	5.2	10
8	<scp>RosettaCM</scp> for antibodies with very long <scp>HCDR3s</scp> and low template availability. Proteins: Structure, Function and Bioinformatics, 2021, 89, 1458-1472.	2.6	3
9	Small integral membrane protein 10 like 1 downregulation enhances differentiation of adipose progenitor cells. Biochemical and Biophysical Research Communications, 2022, 604, 57-62.	2.1	1
10	The human antibody sequence space and structural design of the V, J regions, and CDRH3 with Rosetta. MAbs, 2022, 14, 2068212.	5.2	0