Samuel Schmitz

List of Publications by Year
in descending order

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	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
2	The human antibody sequence space and structural design of the V, J regions, and CDRH3 with Rosetta. MAbs, 2022, 14, 2068212.	5.2	0
3	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
4	Rosetta design with co-evolutionary information retains protein function. PLoS Computational Biology, 2021, 17, e1008568.	3.2	12
5	Modeling Immunity with Rosetta: Methods for Antibody and Antigen Design. Biochemistry, 2021, 60, 825-846.	2.5	24
6	<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
7	PyIR: a scalable wrapper for processing billions of immunoglobulin and T cell receptor sequences using IgBLAST. BMC Bioinformatics, 2020, 21, 314.	2.6	21
8	Human-likeness of antibody biologics determined by back-translation and comparison with large antibody variable gene repertoires. MAbs, 2020, 12, 1758291.	5.2	10
9	Rosetta:MSF: a modular framework for multi-state computational protein design. PLoS Computational Biology, 2017, 13, e1005600.	3.2	43
10	Plasmodium falciparum Nucleosomes Exhibit Reduced Stability and Lost Sequence Dependent Nucleosome Positioning. PLoS Pathogens, 2016, 12, e1006080.	4.7	18