

# Jared Adolf-Bryfogle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1718287/publications.pdf>

Version: 2024-02-01

13  
papers

1,178  
citations

933447

10  
h-index

1058476

14  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1834  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macromolecular modeling and design in Rosetta: recent methods and frameworks. Nature Methods, 2020, 17, 665-680.	19.0	513
2	Modeling and docking of antibody structures with Rosetta. Nature Protocols, 2017, 12, 401-416.	12.0	236
3	PyIgClassify: a database of antibody CDR structural classifications. Nucleic Acids Research, 2015, 43, D432-D438.	14.5	105
4	Automatically Fixing Errors in Glycoprotein Structures with Rosetta. Structure, 2019, 27, 134-139.e3.	3.3	93
5	CoV3D: a database of high resolution coronavirus protein structures. Nucleic Acids Research, 2021, 49, D282-D287.	14.5	58
6	Residue-centric modeling and design of saccharide and glycoconjugate structures. Journal of Computational Chemistry, 2017, 38, 276-287.	3.3	41
7	Better together: Elements of successful scientific software development in a distributed collaborative community. PLoS Computational Biology, 2020, 16, e1007507.	3.2	27
8	Modeling Immunity with Rosetta: Methods for Antibody and Antigen Design. Biochemistry, 2021, 60, 825-846.	2.5	24
9	Ensuring scientific reproducibility in bio-macromolecular modeling via extensive, automated benchmarks. Nature Communications, 2021, 12, 6947.	12.8	16
10	Toward complete rational control over protein structure and function through computational design. Current Opinion in Structural Biology, 2021, 66, 170-177.	5.7	13
11	Development and Evaluation of GlycanDock: A Protein-Glycoligand Docking Refinement Algorithm in Rosetta. Journal of Physical Chemistry B, 2021, 125, 6807-6820.	2.6	12
12	PyRosetta Jupyter Notebooks Teach Biomolecular Structure Prediction and Design. The Biophysicist, 2021, 2, 108-122.	0.3	8
13	Biochemical and structural characterization of two cif-like epoxide hydrolases from Burkholderia cenocepacia. Current Research in Structural Biology, 2021, 3, 72-84.	2.2	2