

Sai Pooja Mahajan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4420228/publications.pdf>

Version: 2024-02-01

11
papers

281
citations

1684188

5
h-index

1588992

8
g-index

17
all docs

17
docs citations

17
times ranked

372
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning in Protein Structural Modeling and Design. <i>Patterns</i> , 2020, 1, 100142.	5.9	119
2	Geometric potentials from deep learning improve prediction of CDR H3 loop structures. <i>Bioinformatics</i> , 2020, 36, i268-i275.	4.1	48
3	Computational affinity maturation of camelid single-domain intrabodies against the nonamyloid component of alpha-synuclein. <i>Scientific Reports</i> , 2018, 8, 17611.	3.3	35
4	The structure of the colorectal cancer-associated enzyme GalNAc-T12 reveals how nonconserved residues dictate its function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20404-20410.	7.1	21
5	Tilting the Balance between Canonical and Noncanonical Conformations for the H1 Hypervariable Loop of a Lama VHH through Point Mutations. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13-24.	2.6	8
6	Induced fit with replica exchange improves protein complex structure prediction. <i>PLoS Computational Biology</i> , 2022, 18, e1010124.	3.2	5
7	Simultaneous prediction of antibody backbone and side-chain conformations with deep learning. <i>PLoS ONE</i> , 2022, 17, e0258173.	2.5	5
8	Structural Basis for Peptide Substrate Specificities of Glycosyltransferase GalNAc-T2. <i>ACS Catalysis</i> , 2021, 11, 2977-2991.	11.2	4
9	Successful Rational Affinity Maturation of an Alpha-Synuclein Antibody. <i>Biophysical Journal</i> , 2018, 114, 409a.	0.5	0
10	Structure-Based Prediction of Polypeptide Substrate Specificities of Glycosyltransferases. <i>Biophysical Journal</i> , 2019, 116, 68a.	0.5	0
11	Towards deep learning models for target-specific antibody design. <i>Biophysical Journal</i> , 2022, 121, 528a.	0.5	0