

Rahmad Akbar

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

479
citations

933264

10
h-index

1199470

12
g-index

20
all docs

20
docs citations

20
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	A compact vocabulary of paratope-epitope interactions enables predictability of antibody-antigen binding. <i>Cell Reports</i> , 2021, 34, 108856.	2.9	101
2	Augmenting adaptive immunity: progress and challenges in the quantitative engineering and analysis of adaptive immune receptor repertoires. <i>Molecular Systems Design and Engineering</i> , 2019, 4, 701-736.	1.7	57
3	Progress and challenges for the machine learning-based design of fit-for-purpose monoclonal antibodies. <i>MAbs</i> , 2022, 14, 2008790.	2.6	51
4	immuneSIM: tunable multi-feature simulation of B- and T-cell receptor repertoires for immunoinformatics benchmarking. <i>Bioinformatics</i> , 2020, 36, 3594-3596.	1.8	48
5	In silico proof of principle of machine learning-based antibody design at unconstrained scale. <i>MAbs</i> , 2022, 14, 2031482.	2.6	40
6	The immuneML ecosystem for machine learning analysis of adaptive immune receptor repertoires. <i>Nature Machine Intelligence</i> , 2021, 3, 936-944.	8.3	35
7	Interaction of ganoderic acid on HIV related target: molecular docking studies. <i>Bioinformation</i> , 2011, 7, 413-417.	0.2	27
8	Individualized VDJ recombination predisposes the available Ig sequence space. <i>Genome Research</i> , 2021, 31, 2209-2224.	2.4	22
9	<scp>ALLO</scp>: A tool to discriminate and prioritize allosteric pockets. <i>Chemical Biology and Drug Design</i> , 2018, 91, 845-853.	1.5	16
10	ENRI: A tool for selecting structure-based virtual screening target conformations. <i>Chemical Biology and Drug Design</i> , 2017, 89, 762-771.	1.5	15
11	Interorganelle Tethering to Endocytic Organelles Determines Directional Cytokine Transport in CD4+ T Cells. <i>Journal of Immunology</i> , 2020, 205, 2988-3000.	0.4	1
12	Stability, orientation and position preference of the stem region (residues 689-703) in Hepatitis C Virus (HCV) envelope glycoprotein E2: a molecular dynamics study. <i>F1000Research</i> , 2013, 2, 64.	0.8	1
13	Inter-Organelle Tethering to Lysosome Determines Directional Cytokine Transport in CD4 <sup>+</sup> T Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0