Nasrin Akhter

List of Publications by Year
in descending order

14 papers	93 citations	1478280 6 h-index	1474057 9 g-index
14 all docs	14 docs citations	14 times ranked	45 citing authors

#	Article	IF	Citations
1	Decoy selection for protein structure prediction via extreme gradient boosting and ranking. BMC Bioinformatics, 2020, 21, 189.	1.2	5
2	Anomaly Detection-Based Recognition of Near-Native Protein Structures. IEEE Transactions on Nanobioscience, 2020, 19, 562-570.	2.2	1
3	Deep Ranking in Template-free Protein Structure Prediction. , 2020, , .		5
4	Graph-Based Community Detection for Decoy Selection in Template-Free Protein Structure Prediction. Molecules, 2019, 24, 854.	1.7	9
5	Learning Organizations of Protein Energy Landscapes: An Application on Decoy Selection in Template-Free Protein Structure Prediction. Methods in Molecular Biology, 2019, 1958, 147-171.	0.4	2
6	Non-Negative Matrix Factorization for Selection of Near-Native Protein Tertiary Structures. , 2019, , .		6
7	From molecular energy landscapes to equilibrium dynamics via landscape analysis and markov state models. Journal of Bioinformatics and Computational Biology, 2019, 17, 1940014.	0.3	6
8	Unsupervised and Supervised Learning over the Energy Landscape for Protein Decoy Selection. Biomolecules, 2019, 9, 607.	1.8	6
9	Reconstructing and Decomposing Protein Energy Landscapes to Organize Structure Spaces and Reveal Biologically-active States. , 2018, , .		1
10	Community Detection for Decoy Selection in Template-free Protein Structure Prediction. , 2018, , .		2
11	An Energy Landscape Treatment of Decoy Selection in Template-Free Protein Structure Prediction. Computation, 2018, 6, 39.	1.0	13
12	Improved Decoy Selection via Machine Learning and Ranking. , 2018, , .		2
13	From mutations to mechanisms and dysfunction via computation and mining of protein energy landscapes. BMC Genomics, 2018, 19, 671.	1.2	6
14	From Extraction of Local Structures of Protein Energy Landscapes to Improved Decoy Selection in Template-Free Protein Structure Prediction. Molecules, 2018, 23, 216.	1.7	29