Óscar Álvarez-Machancoses

List of Publications by Year
in descending order

15 papers	167 citations	1307594 7 h-index	1125743 13 g-index
15 all docs	15 docs citations	15 times ranked	189 citing authors

#	Article	IF	Citations
1	Robust Prediction of Single and Multiple Point Protein Mutations Stability Changes. Biomolecules, 2020, 10, 67.	4.0	7
2	Robust Sampling of Defective Pathways in Alzheimer's Disease. Implications in Drug Repositioning. International Journal of Molecular Sciences, 2020, 21, 3594.	4.1	9
3	Prediction of Protein Tertiary Structure via Regularized Template Classification Techniques. Molecules, 2020, 25, 2467.	3.8	3
4	Robust pathway sampling in phenotype prediction. Application to triple negative breast cancer. BMC Bioinformatics, 2020, 21, 89.	2.6	6
5	<p>On the Role of Artificial Intelligence in Genomics to Enhance Precision Medicine</p>. Pharmacogenomics and Personalized Medicine, 2020, Volume 13, 105-119.	0.7	10
6	The Utilization of Different Classifiers to Perform Drug Repositioning in Inclusion Body Myositis Supports the Concept of Biological Invariance. Lecture Notes in Computer Science, 2020, , 589-598.	1.3	1
7	Using artificial intelligence methods to speed up drug discovery. Expert Opinion on Drug Discovery, 2019, 14, 769-777.	5.0	54
8	Predicting protein tertiary structure and its uncertainty analysis via particle swarm sampling. Journal of Molecular Modeling, 2019, 25, 79.	1.8	6
9	Protein Tertiary Structure Prediction via SVD and PSO Sampling. Lecture Notes in Computer Science, 2018, , 211-220.	1.3	2
10	Principal component analysis in protein tertiary structure prediction. Journal of Bioinformatics and Computational Biology, 2018, 16, 1850005.	0.8	4
11	Particle Swarm Optimization and Uncertainty Assessment in Inverse Problems. Entropy, 2018, 20, 96.	2.2	14
12	Sampling Defective Pathways in Phenotype Prediction Problems via the Fisher's Ratio Sampler. Lecture Notes in Computer Science, 2018, , 15-23.	1.3	9
13	Sampling Defective Pathways in Phenotype Prediction Problems via the Holdout Sampler. Lecture Notes in Computer Science, 2018, , 24-32.	1.3	11
14	Comparison of Different Sampling Algorithms for Phenotype Prediction. Lecture Notes in Computer Science, 2018, , 33-45.	1.3	6
15	Modeling the Effect of Polymer Chain Stiffness on the Behavior of Polymer Nanocomposites. Journal of Physical Chemistry B, 2017, 121, 6245-6256.	2.6	25