Cen Wan

List of Publications by Year
in descending order

13 papers	551 citations	1307594 7 h-index	1588992 8 g-index
15 all docs	15 docs citations	15 times ranked	776 citing authors

#	Article	IF	Citations
1	The CAFA challenge reports improved protein function prediction and new functional annotations for hundreds of genes through experimental screens. Genome Biology, 2019, 20, 244.	8.8	261
2	Systematic analysis of the gerontome reveals links between aging and age-related diseases. Human Molecular Genetics, 2016, 25, ddw307.	2.9	74
3	Predicting human protein function with multi-task deep neural networks. PLoS ONE, 2018, 13, e0198216.	2.5	58
4	Protein function prediction is improved by creating synthetic feature samples with generative adversarial networks. Nature Machine Intelligence, 2020, 2, 540-550.	16.0	40
5	Predicting the Pro-Longevity or Anti-Longevity Effect of Model Organism Genes with New Hierarchical Feature Selection Methods. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2015, 12, 262-275.	3.0	34
6	An empirical evaluation of hierarchical feature selection methods for classification in bioinformatics datasets with gene ontology-based features. Artificial Intelligence Review, 2018, 50, 201-240.	15.7	24
7	Two methods for constructing a gene ontology-based feature network for a Bayesian network classifier and applications to datasets of aging-related genes. , 2015, , .		13
8	Prediction of the pro-longevity or anti-longevity effect of Caenorhabditis Elegans genes based on Bayesian classification methods. , 2013, , .		12
9	Analysis of temporal transcription expression profiles reveal links between protein function and developmental stages of Drosophila melanogaster. PLoS Computational Biology, 2017, 13, e1005791.	3.2	12
10	Using deep maxout neural networks to improve the accuracy of function prediction from protein interaction networks. PLoS ONE, 2019, 14, e0209958.	2.5	11
11	Novel hierarchical feature selection algorithms for predicting genes' aging-related function. AI Matters, 2016, 2, 23-24.	0.4	0
12	Background on Biology of Ageing and Bioinformatics. Advanced Information and Knowledge Processing, 2019, , 25-43.	0.3	0
13	Lazy Hierarchical Feature Selection. Advanced Information and Knowledge Processing, 2019, , 45-80.	0.3	0