yanyi Chu

List of Publications by Year
in descending order

13 papers	595 citations	759233 12 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	380 citing authors

#	Article	IF	Citations
1	MDF-SA-DDI: predicting drugâ€“drug interaction events based on multi-source drug fusion, multi-source feature fusion and transformer self-attention mechanism. Briefings in Bioinformatics, 2022, 23, .	6.5	59
2	A transformer-based model to predict peptideâ€“HLA class I binding and optimize mutated peptides for vaccine design. Nature Machine Intelligence, 2022, 4, 300-311.	16.0	55
3	De novo molecular design with deep molecular generative models for PPI inhibitors. Briefings in Bioinformatics, 2022, 23, .	6.5	27
4	DTI-MLCD: predicting drug-target interactions using multi-label learning with community detection method. Briefings in Bioinformatics, 2021, 22, .	6.5	52
5	DTI-CDF: a cascade deep forest model towards the prediction of drug-target interactions based on hybrid features. Briefings in Bioinformatics, 2021, 22, 451-462.	6.5	142
6	MDA-GCNFTG: identifying miRNA-disease associations based on graph convolutional networks via graph sampling through the feature and topology graph. Briefings in Bioinformatics, 2021, 22, .	6.5	43
7	NeuroPpred-Fuse: an interpretable stacking model for prediction of neuropeptides by fusing sequence information and feature selection methods. Briefings in Bioinformatics, 2021, 22, .	6.5	23
8	MDA-CF: Predicting MiRNA-Disease associations based on a cascade forest model by fusing multi-source information. Computers in Biology and Medicine, 2021, 136, 104706.	7.0	21
9	Prediction of Blood-Brain Barrier Permeability of Compounds by Fusing Resampling Strategies and eXtreme Gradient Boosting. IEEE Access, 2021, 9, 9557-9566.	4.2	11
10	Accelerated Blood Clearance of Nanoemulsions Modified with PEG-Cholesterol and PEG-Phospholipid Derivatives in Rats: The Effect of PEG-Lipid Linkages and PEG Molecular Weights. Molecular Pharmaceutics, 2020, 17, 1059-1070.	4.6	24
11	T4SE-XGB: Interpretable Sequence-Based Prediction of Type IV Secreted Effectors Using eXtreme Gradient Boosting Algorithm. Frontiers in Microbiology, 2020, 11, 580382.	3.5	23
12	Prediction of CYP450 Enzymeâ€“Substrate Selectivity Based on the Network-Based Label Space Division Method. Journal of Chemical Information and Modeling, 2019, 59, 4577-4586.	5.4	55
13	SPVec: A Word2vec-Inspired Feature Representation Method for Drug-Target Interaction Prediction. Frontiers in Chemistry, 2019, 7, 895.	3.6	52