Duan Guihua

List of Publications by Year
in descending order

23 papers	305 citations	933447 10 h-index	940533 16 g-index
23 all docs	23 docs citations	23 times ranked	199 citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying influential nodes in complex networks based on global and local structure. Physica A: Statistical Mechanics and Its Applications, 2020, 541, 123262.	2.6	47
2	BRWMDA:Predicting microbe-disease associations based on similarities and bi-random walk on disease and microbe networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2019, 17, 1-1.	3.0	33
3	Predicting Drug-Drug Interactions Based on Integrated Similarity and Semi-Supervised Learning. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 168-179.	3.0	30
4	Identifying Influential Nodes in Complex Networks Based on Local Neighbor Contribution. IEEE Access, 2019, 7, 131719-131731.	4.2	24
5	DDIGIP: predicting drug-drug interactions based on Gaussian interaction profile kernels. BMC Bioinformatics, 2019, 20, 538.	2.6	24
6	MCHMDA:Predicting Microbe-Disease Associations Based on Similarities and Low-Rank Matrix Completion. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 611-620.	3.0	21
7	PDMDA: predicting deep-level miRNA–disease associations with graph neural networks and sequence features. Bioinformatics, 2022, 38, 2226-2234.	4.1	18
8	A survey on predicting microbe-disease associations: biological data and computational methods. Briefings in Bioinformatics, 2021, 22, .	6.5	15
9	A Hybrid Clustering Algorithm for Identifying Cell Types from Single-Cell RNA-Seq Data. Genes, 2019, 10, 98.	2.4	14
10	Prediction of Microbe-Drug Associations Based on KATZ Measure. , 2019, , .		14
11	A disease inference method based on symptom extraction and bidirectional Long Short Term Memory networks. Methods, 2020, 173, 75-82.	3.8	14
12	PESM: predicting the essentiality of miRNAs based on gradient boosting machines and sequences. BMC Bioinformatics, 2020, 21, 111.	2.6	10
13	Prediction of Microbe-drug Associations Based on Chemical Structures and the KATZ Measure. Current Bioinformatics, 2021, 16, 807-819.	1.5	10
14	Drug repositioning based on multi-view learning with matrix completion. Briefings in Bioinformatics, 2022, 23, .	6.5	9
15	IILLS: predicting virus-receptor interactions based on similarity and semi-supervised learning. BMC Bioinformatics, 2019, 20, 651.	2.6	8
16	Blockchain and IoT Based Textile Manufacturing Traceability System in Industry 4.0. Lecture Notes in Computer Science, 2021, , 331-344.	1.3	5
17	Prediction of Virus–Receptor Interactions Based on Improving Similarities. Journal of Computational Biology, 2021, 28, 650-659.	1.6	3
18	A Light-Weight Framework for Pre-submission Vetting of Android Applications in App Stores. Communications in Computer and Information Science, 2019, , 356-368.	0.5	3

#	Article	IF	Citations
19	Trustworthy Data Acquisition and Faulty Sensor Detection using Gray Code in Cyber-Physical System. , 2020, , .		1
20	A Web-based Visual Learning Platform For Data Structure Course. , 2021, , .		1
21	Identifying virus-receptor interactions through matrix completion with similarity fusion. , 2021, , .		1
22	An Optimization Deployment Scheme for Static Charging Piles Based on Dynamic of Shared E-Bikes. , 2019, , .		0
23	Reform and Practice of Open Teaching Mode Based on Innovation Ability Training. , 2021, , .		0