Chun-Hsi Huang

List of Publications by Year
in descending order

33 papers	**235** citations	1478505 **6** h-index	1199594 **12** g-index
33 all docs	**33** docs citations	**33** times ranked	**517** citing authors

#	Article	IF	Citations
1	LASAGNA-Search 2.0: integrated transcription factor binding site search and visualization in a browser. Bioinformatics, 2014, 30, 1923-1925.	4.1	58
2	EXACT ALGORITHMS FOR PLANTED MOTIF CHALLENGE PROBLEMS. , 2005, , .		26
3	Toward a Better Compression for DNA Sequences Using Huffman Encoding. Journal of Computational Biology, 2017, 24, 280-288.	1.6	18
4	A Bisection Reinforcement Learning Approach to 3-D Indoor Localization. IEEE Internet of Things Journal, 2021, 8, 6519-6535.	8.7	17
5	Cross-Disciplinary Detection and Analysis of Network Motifs. Bioinformatics and Biology Insights, 2015, 9, BBI.S23619.	2.0	16
6	A QoS Framework for SDN-Based Networks. , 2018, , .		12
7	Top-Down Indoor Localization with Wi-Fi Fingerprints Using Deep Q-Network. , 2018, , .		12
8	LFastqC: A lossless non-reference-based FASTQ compressor. PLoS ONE, 2019, 14, e0224806.	2.5	11
9	HealthGrid â€" Bridging Life Science and Information Technology. Journal of Clinical Monitoring and Computing, 2005, 19, 259-262.	1.6	9
10	Nongreedy Unbalanced Huffman Tree Compressor for Single and Multifasta Files. Journal of Computational Biology, 2020, 27, 868-876.	1.6	9
11	Software-defined extreme scale networks for bigdata applications. , 2017, , .		8
12	On SDN-based extreme-scale networks. , 2016, , .		5
13	Distributed Path-Based Inference in Semantic Networks. Journal of Supercomputing, 2004, 29, 211-227.	3.6	4
14	An efficient high-order masking of AES using SIMD. , 2015, , .		4
15	Parallel pattern identification in biological sequences on clusters. IEEE Transactions on Nanobioscience, 2003, 2, 29-34.	3.3	3
16	Gene Expression and Gene Ontology Enrichment Analysis for H3K4me3 and H3K4me1 in Mouse Liver and Mouse Embryonic Stem Cell Using ChIP-Seq and RNA-Seq. Gene Regulation and Systems Biology, 2014, 8, GRSB.S13612.	2.3	3
17	MOTIFSIM: A web tool for detecting similarity in multiple DNA motif datasets. BioTechniques, 2015, 59, 26-33.	1.8	3
18	Clustering of Gene Expression Data: Performance and Similarity Analysis. , 2006, , .		2

#	Article	IF	Citations
19	Biological data classifications with LDA and SPRT. , 2010, , .		2
20	Accelerating higher-order masking of AES using composite field and SIMD. , 2015, , .		2
21	Speedup higher-order masking of AES using normal basis and SIMD. , 2016, , .		2
22	ET-Motif: Solving the Exact (l, d)-Planted Motif Problem Using Error Tree Structure. Journal of Computational Biology, 2016, 23, 615-623.	1.6	2
23	MOTIFSIM 2.1: An Enhanced Software Platform for Detecting Similarity in Multiple DNA Motif Data Sets. Journal of Computational Biology, 2017, 24, 895-905.	1.6	2
24	Cloud-based MOTIFSIM: Detecting Similarity in Large DNA Motif Data Sets. Journal of Computational Biology, 2017, 24, 450-459.	1.6	2
25	Parallel pattern identification in biological sequences on clusters. , 0, , .		1
26	TROJAN: a scalable distributed semantic network system. , 0, , .		1
27	MODSIDE: a motif discovery pipeline and similarity detector. BMC Genomics, 2018, 19, 755.	2.8	1
28	Distributed path-based inference in semantic networks. , 2004, , .		0
29	BioGrid- bridging life science and information technology. , 2005, , .		0
30	Finding Hamiltonian paths in tournaments on clusters. Cluster Computing, 2006, 9, 345-353.	5.0	0
31	Performance evaluation for MOTIFSIM. Biological Procedures Online, 2018, 20, 23.	2.9	0
32	A Locality-Aware, Energy-Efficient Cache Design for Large-Scale Multi-Core Systems. , 2018, , .		0
33	Neuroimaging Subjective Labeling Dichotomization and Class Imbalance Alleviation. , 2019, , .		0