Ariful Azad

List of Publications by Year
in descending order

13 papers	124 citations	1478505 6 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	90 citing authors

#	Article	IF	Citations
1	Contrastive learning improves critical event prediction in COVID-19 patients. Patterns, 2021, 2, 100389.	5.9	21
2	Combinatorial BLAS 2.0: Scaling Combinatorial Algorithms on Distributed-Memory Systems. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 989-1001.	5.6	14
3	Computing Maximum Cardinality Matchings in Parallel on Bipartite Graphs via Tree-Grafting. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 44-59.	5.6	12
4	LACC: A Linear-Algebraic Algorithm for Finding Connected Components in Distributed Memory. , 2019, , .		12
5	A Distributed-Memory Algorithm for Computing a Heavy-Weight Perfect Matching on Bipartite Graphs. SIAM Journal of Scientific Computing, 2020, 42, C143-C168.	2.8	12
6	The parallelism motifs of genomic data analysis. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190394.	3.4	11
7	Relational Learning Improves Prediction of Mortality in COVID-19 in the Intensive Care Unit. IEEE Transactions on Big Data, 2021, 7, 38-44.	6.1	10
8	Deep Learning with Heterogeneous Graph Embeddings for Mortality Prediction from Electronic Health Records. Data Intelligence, 2021, 3, 329-339.	1.5	8
9	FusedMM: A Unified SDDMM-SpMM Kernel for Graph Embedding and Graph Neural Networks. , 2021, , .		8
10	Using convolutional neural networks for tick image recognition â€“ a preliminary exploration. Experimental and Applied Acarology, 2021, 84, 607-622.	1.6	6
11	BatchLayout: A Batch-Parallel Force-Directed Graph Layout Algorithm in Shared Memory. , 2020, , .		5
12	Target position and avoidance margin effects on path planning in obstacle avoidance. Scientific Reports, 2021, 11, 15285.	3.3	3
13	Scalable force-directed graph representation learning and visualization. Knowledge and Information Systems, 2022, 64, 207-233.	3.2	2