

Rong Gu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3145215/publications.pdf>

Version: 2024-02-01

21
papers

319
citations

1478505

6
h-index

1199594

12
g-index

21
all docs

21
docs citations

21
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Placing Wireless Chargers With Limited Mobility. IEEE Transactions on Mobile Computing, 2023, 22, 3589-3603.	5.8	21
2	VFChain: Enabling Verifiable and Auditable Federated Learning via Blockchain Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 173-186.	6.4	79
3	Octopus-DF: Unified DataFrame-based cross-platform data analytic system. Parallel Computing, 2022, 110, 102879.	2.1	2
4	Towards Efficient Large-Scale Interprocedural Program Static Analysis on Distributed Data-Parallel Computation. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 867-883.	5.6	8
5	Improving in-memory file system reading performance by fine-grained user-space cache mechanisms. Journal of Systems Architecture, 2021, 115, 101994.	4.3	3
6	Alchemy: Distributed financial quantitative analysis system with high-level programming model. Software - Practice and Experience, 2021, 51, 1676-1699.	3.6	0
7	Empirical analysis of performance bottlenecks in graph neural network training and inference with GPUs. Neurocomputing, 2021, 446, 165-191.	5.9	1
8	Towards Efficient Distributed Subgraph Enumeration Via Backtracking-Based Framework. IEEE Transactions on Parallel and Distributed Systems, 2021, 32, 2953-2969.	5.6	0
9	VSIM: Distributed local structural vertex similarity calculation on big graphs. Journal of Parallel and Distributed Computing, 2021, 158, 29-46.	4.1	0
10	Liquid: Intelligent Resource Estimation and Network-Efficient Scheduling for Deep Learning Jobs on Distributed GPU Clusters. IEEE Transactions on Parallel and Distributed Systems, 2021, , 1-1.	5.6	26
11	ForestLayer: Efficient training of deep forests on distributed task-parallel platforms. Journal of Parallel and Distributed Computing, 2019, 132, 113-126.	4.1	21
12	DGST: Efficient and scalable suffix tree construction on distributed data-parallel platforms. Parallel Computing, 2019, 87, 87-102.	2.1	7
13	Efficient and Scalable Functional Dependency Discovery on Distributed Data-Parallel Platforms. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2663-2676.	5.6	5
14	BENU: Distributed Subgraph Enumeration with Backtracking-Based Framework. , 2019, , .		17
15	BigSpa: An Efficient Interprocedural Static Analysis Engine in the Cloud. , 2019, , .		7
16	Adaptive cache policy scheduling for big data applications on distributed tiered storage system. Concurrency Computation Practice and Experience, 2019, 31, e5138.	2.2	2
17	Penguin: Efficient Query-Based Framework for Replaying Large Scale Historical Data. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2333-2345.	5.6	5
18	Accelerating Big Data Applications on Tiered Storage System with Various Eviction Policies. , 2016, , .		9

#	ARTICLE	IF	CITATIONS
19	YAFIM: A Parallel Frequent Itemset Mining Algorithm with Spark. , 2014, , .		86
20	Large Scale Nearest Neighbors Search Based on Neighborhood Graph. , 2013, , .		4
21	Performance Optimization for Short MapReduce Job Execution in Hadoop. , 2012, , .		16