

Heming Cui

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1315158/publications.pdf>

Version: 2024-02-01

15
papers

84
citations

2258059

3
h-index

1872680

6
g-index

15
all docs

15
docs citations

15
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	vPipe: A Virtualized Acceleration System for Achieving Efficient and Scalable Pipeline Parallel DNN Training. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 489-506.	5.6	12
2	Uranus. , 2020, , .		12
3	OWL: Understanding and Detecting Concurrency Attacks. , 2018, , .		11
4	<italic>NFVactor</italic>: A Resilient NFV System Using the Distributed Actor Model. IEEE Journal on Selected Areas in Communications, 2019, 37, 586-599.	14.0	9
5	Achieving low tail-latency and high scalability for serializable transactions in edge computing. , 2021, , .		8
6	Speeding up 3D Printing Using Multi-Head Slicing Algorithms. , 2017, , .		7
7	A Fast, General Storage Replication Protocol for Active-Active Virtual Machine Fault Tolerance. , 2017, , .		5
8	Alano: An Efficient Neighbor Discovery Algorithm in an Energy-Restricted Large-Scale Network. , 2018, , .		4
9	Efficient and DoS-resistant Consensus for Permissioned Blockchains. Performance Evaluation, 2022, 153, 102244.	1.2	4
10	NASPipe: high performance and reproducible pipeline parallel supernet training via causal synchronous parallelism. , 2022, , .		4
11	DAENet: Making Strong Anonymity Scale in a Fully Decentralized Network. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2286-2303.	5.4	3
12	Confluence: Speeding Up Iterative Distributed Operations by Key-Dependency-Aware Partitioning. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 351-364.	5.6	2
13	A Geography-Based P2P Overlay Network for Fast and Robust Blockchain Systems. IEEE Transactions on Services Computing, 2022, , 1-14.	4.6	2
14	UPA: An Automated, Accurate and Efficient Differentially Private Big-Data Mining System. , 2020, , .		1
15	Coorp: Satisfying Low-Latency and High-Throughput Requirements of Wireless Network for Coordinated Robotic Learning. IEEE Internet of Things Journal, 2023, 10, 1946-1960.	8.7	0