

Kang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

168
citations

1937457

4
h-index

1872570

6
g-index

24
all docs

24
docs citations

24
times ranked

117
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Garbage collection and data recovery for N2DB. Tsinghua Science and Technology, 2022, 27, 630-641. | 4.1 | 1 |
| 2 | Multi-Clock Snapshot Isolation Concurrency Control for NVM Database. Tsinghua Science and Technology, 2022, 27, 925-938. | 4.1 | 0 |
| 3 | A Survey of Storage Systems in the RDMA Era. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 4395-4409. | 4.0 | 2 |
| 4 | 3-D Partitioning for Large-Scale Graph Processing. IEEE Transactions on Computers, 2021, 70, 111-127. | 2.4 | 2 |
| 5 | Random Walks on Huge Graphs at Cache Efficiency. , 2021, , . | | 10 |
| 6 | Lessons Learned from Optimizing the Sunway Storage System for Higher Application I/O Performance. Journal of Computer Science and Technology, 2020, 35, 47-60. | 0.9 | 5 |
| 7 | AsymNVM. , 2020, , . | | 24 |
| 8 | Clip: A Disk I/O Focused Parallel Out-of-Core Graph Processing System. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 45-62. | 4.0 | 5 |
| 9 | RF-RPC: Remote Fetching RPC Paradigm for RDMA-Enabled Network. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1657-1671. | 4.0 | 8 |
| 10 | X-RDMA: Effective RDMA Middleware in Large-scale Production Environments. , 2019, , . | | 7 |
| 11 | Evolution of Cloud Operating System: From Technology to Ecosystem. Journal of Computer Science and Technology, 2017, 32, 224-241. | 0.9 | 3 |
| 12 | RFP. , 2017, , . | | 46 |
| 13 | Measuring and optimizing distributed array programs. Proceedings of the VLDB Endowment, 2016, 9, 912-923. | 2.1 | 12 |
| 14 | Flex: Flexible and Energy Efficient Scheduling for Big Data Storage. , 2015, , . | | 0 |
| 15 | µLibCloud: Providing High Available and Uniform Accessing to Multiple Cloud Storages. , 2012, , . | | 15 |
| 16 | Improving the System Capacity by Client Cooperation in Distributed File Service. , 2012, , . | | 0 |
| 17 | Kangaroo: Reliable Execution of Scientific Applications with DAG Programming Model. , 2011, , . | | 0 |
| 18 | Amigo File System: CAS Based Storage Management for a Virtual Cluster System. , 2009, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Defend Against Denial of Service Attack with VMM. , 2009, , . | | 14 |
| 20 | The Application of Virtual Machines on System Security. , 2009, , . | | 7 |
| 21 | VirtualCluster: Customizing the Cluster Environment through Virtual Machines. , 2008, , . | | 1 |
| 22 | Empirical Performance Evaluation of Message Passing Programs Running in Virtual Machines. , 2008, , . | | 2 |
| 23 | Resources allocation schemas for web information monitoring. Tsinghua Science and Technology, 2005, 10, 309-315. | 4.1 | 2 |
| 24 | MOT: memory online tracing of Web information system. , 0, , . | | 1 |