

Osamu Tatebe

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

337
citations

1478505

6
h-index

1058476

14
g-index

39
all docs

39
docs citations

39
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	Gfarm Grid File System. <i>New Generation Computing</i> , 2010, 28, 257-275.	3.3	84
2	Workflow Scheduling to Minimize Data Movement Using Multi-constraint Graph Partitioning. , 2012, , .		48
3	An analysis of concurrency control protocols for in-memory databases with CCBench. <i>Proceedings of the VLDB Endowment</i> , 2020, 13, 3531-3544.	3.8	23
4	Using the Gfarm File System as a POSIX Compatible Storage Platform for Hadoop MapReduce Applications. , 2011, , .		20
5	Agile parallel bioinformatics workflow management using Pwrake. <i>BMC Research Notes</i> , 2011, 4, 331.	1.4	20
6	A Science Cloud for Data Intensive Sciences. <i>Data Science Journal</i> , 2013, 12, WDS139-WDS146.	1.3	17
7	A high-speed data processing technique for time-sequential satellite observation data. <i>IEICE Communications Express</i> , 2014, 3, 74-79.	0.4	9
8	CHFS: Parallel Consistent Hashing File System for Node-local Persistent Memory. , 2022, , .		9
9	Optimizing Local File Accesses for FUSE-Based Distributed Storage. , 2012, , .		8
10	Disk cache-aware task scheduling for data-intensive and many-task workflow. , 2014, , .		7
11	Design of Object Storage Using OpenNVM for High-performance Distributed File System. <i>Journal of Information Processing</i> , 2016, 24, 824-833.	0.4	6
12	Gfarm/BB “Gfarm File System for Node-Local Burst Buffer. <i>Journal of Computer Science and Technology</i> , 2020, 35, 61-71.	1.5	6
13	The Gfarm File System on Compute Clouds. , 2011, , .		5
14	Reduction of operating system jitter caused by page reclaim. , 2014, , .		5
15	Incremental window aggregates over array database. , 2014, , .		5
16	Real-time 3D visualization of phased array weather radar data via concurrent processing in Science Cloud. , 2016, , .		5
17	Data-Aware Task Dispatching for Batch Queuing System. <i>IEEE Systems Journal</i> , 2017, 11, 889-897.	4.6	5
18	Experimental analysis of operating system jitter caused by page reclaim. <i>Journal of Supercomputing</i> , 2016, 72, 1946-1972.	3.6	4

#	ARTICLE	IF	CITATIONS
19	Integration of Parallel Write Ahead Logging and Cicada Concurrency Control Method. , 2018, , .		4
20	Integration of TicToc Concurrency Control Protocol with Parallel Write Ahead Logging Protocol. International Journal of Networking and Computing, 2019, 9, 339-353.	0.4	4
21	RDMA-Based Direct Transfer of File Data to Remote Page Cache. , 2015, , .		3
22	Implementation of a deduplication cache mechanism using content-defined chunking. International Journal of High Performance Computing and Networking, 2016, 9, 190.	0.4	3
23	Multiple streams of UDT and HpFP protocols for high-bandwidth remote storage system in long fat network. , 2016, , .		3
24	PPFS: A Scale-out Distributed File System for Post-petascale Systems. Journal of Information Processing, 2017, 25, 438-447.	0.4	3
25	PPMDS: A Distributed Metadata Server Based on Nonblocking Transactions. , 2018, , .		3
26	Applying Pwrake Workflow System and Gfarm File System to Telescope Data Processing. , 2018, , .		3
27	Active Storage Mechanism for Cluster-Wide RAID System. , 2015, , .		2
28	Server-Side Efficient Parity Generation for Cluster-Wide RAID System. , 2015, , .		2
29	RDMA-Based Cooperative Caching for a Distributed File System. , 2015, , .		2
30	Efficient Window Aggregate Method on Array Database System. Journal of Information Processing, 2016, 24, 867-877.	0.4	2
31	Design of Locality-aware MPI-IO for Scalable Shared File Write Performance. , 2020, , .		2
32	Improved Data-Aware Task Dispatching for Batch Queuing Systems. , 2016, , .		1
33	PPFS: A Scale-Out Distributed File System for Post-Petascale Systems. , 2016, , .		1
34	Design of Direct Read from Sparse Segments in MPI-IO. , 2020, , .		1
35	A Web Application of Interdisciplinary Data Analysis Designed for ICSU World Data System. Journal of the Japan Society of Information and Knowledge, 2014, 24, 297-320.	0.0	0
36	Design of Fault Tolerant Pwrake Workflow System Supported by Gfarm File System. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	GHOSTZ PW/GF: Distributed Parallel Homology Search System for Large-scale Metagenomic Analysis. , 2019, , .		0
38	System Software for Data-Intensive Science. , 2019, , 99-120.		0