

# 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

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g-index

39  
all docs

39  
docs citations

39  
times ranked

282  
citing authors

#	ARTICLE	IF	CITATIONS
1	CHFS: Parallel Consistent Hashing File System for Node-local Persistent Memory. , 2022, , .		9
2	Design of Locality-aware MPI-IO for Scalable Shared File Write Performance. , 2020, , .		2
3	Design of Direct Read from Sparse Segments in MPI-IO. , 2020, , .		1
4	Gfarm/BB "Gfarm File System for Node-Local Burst Buffer. Journal of Computer Science and Technology, 2020, 35, 61-71.	1.5	6
5	An analysis of concurrency control protocols for in-memory databases with CCBench. Proceedings of the VLDB Endowment, 2020, 13, 3531-3544.	3.8	23
6	GHOSTZ PW/GF: Distributed Parallel Homology Search System for Large-scale Metagenomic Analysis. , 2019, , .		0
7	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
8	System Software for Data-Intensive Science. , 2019, , 99-120.		0
9	PPMDS: A Distributed Metadata Server Based on Nonblocking Transactions. , 2018, , .		3
10	Applying Pwrake Workflow System and Gfarm File System to Telescope Data Processing. , 2018, , .		3
11	Integration of Parallel Write Ahead Logging and Cicada Concurrency Control Method. , 2018, , .		4
12	Data-Aware Task Dispatching for Batch Queuing System. IEEE Systems Journal, 2017, 11, 889-897.	4.6	5
13	PPFS: A Scale-out Distributed File System for Post-petascale Systems. Journal of Information Processing, 2017, 25, 438-447.	0.4	3
14	Implementation of a deduplication cache mechanism using content-defined chunking. International Journal of High Performance Computing and Networking, 2016, 9, 190.	0.4	3
15	Improved Data-Aware Task Dispatching for Batch Queuing Systems. , 2016, , .		1
16	Design of Object Storage Using OpenNVM for High-performance Distributed File System. Journal of Information Processing, 2016, 24, 824-833.	0.4	6
17	Efficient Window Aggregate Method on Array Database System. Journal of Information Processing, 2016, 24, 867-877.	0.4	2
18	Multiple streams of UDT and HpFP protocols for high-bandwidth remote storage system in long fat network. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	PPFS: A Scale-Out Distributed File System for Post-Petascale Systems. , 2016, , .		1
20	Real-time 3D visualization of phased array weather radar data via concurrent processing in Science Cloud. , 2016, , .		5
21	Design of Fault Tolerant Pwrake Workflow System Supported by Gfarm File System. , 2016, , .		0
22	Experimental analysis of operating system jitter caused by page reclaim. Journal of Supercomputing, 2016, 72, 1946-1972.	3.6	4
23	Active Storage Mechanism for Cluster-Wide RAID System. , 2015, , .		2
24	RDMA-Based Direct Transfer of File Data to Remote Page Cache. , 2015, , .		3
25	Server-Side Efficient Parity Generation for Cluster-Wide RAID System. , 2015, , .		2
26	RDMA-Based Cooperative Caching for a Distributed File System. , 2015, , .		2
27	Reduction of operating system jitter caused by page reclaim. , 2014, , .		5
28	Incremental window aggregates over array database. , 2014, , .		5
29	Disk cache-aware task scheduling for data-intensive and many-task workflow. , 2014, , .		7
30	A high-speed data processing technique for time-sequential satellite observation data. IEICE Communications Express, 2014, 3, 74-79.	0.4	9
31	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
32	A Science Cloud for Data Intensive Sciences. Data Science Journal, 2013, 12, WDS139-WDS146.	1.3	17
33	Workflow Scheduling to Minimize Data Movement Using Multi-constraint Graph Partitioning. , 2012, , .		48
34	Optimizing Local File Accesses for FUSE-Based Distributed Storage. , 2012, , .		8
35	Using the Gfarm File System as a POSIX Compatible Storage Platform for Hadoop MapReduce Applications. , 2011, , .		20
36	The Gfarm File System on Compute Clouds. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
37	Agile parallel bioinformatics workflow management using Pwrake. BMC Research Notes, 2011, 4, 331.	1.4	20
38	Gfarm Grid File System. New Generation Computing, 2010, 28, 257-275.	3.3	84