

Youyou Lu

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

258
citations

8
h-index

15
g-index

28
ext. papers

327
ext. citations

2.1
avg. IF

3.28
L-index

#	Paper	IF	Citations
24	Nap: Persistent Memory Indexes for NUMA Architectures. <i>ACM Transactions on Storage</i> , 2022 , 18, 1-35	1	0
23	Replica-aware data recovery performance improvement for Hadoop system with NVM. <i>CCF Transactions on High Performance Computing</i> , 2021 , 3, 144	0.7	
22	TH-DPMS. <i>ACM Transactions on Storage</i> , 2020 , 16, 1-31	1	3
21	Towards Unaligned Writes Optimization in Cloud Storage With High-Performance SSDs. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020 , 31, 2923-2937	3.7	0
20	Embedded Transaction Support inside SSD with Small-Capacity Non-volatile Disk Cache. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020 , 1-1	4.2	
19	An Experimental Study on Data Recovery Performance Improvement for HDFS with NVM 2020 ,		2
18	COWCache: effective flash caching for Copy-on-Write virtual disks. <i>Cluster Computing</i> , 2020 , 23, 623-639	2.1	1
17	Efficient and Consistent NVMM Cache for SSD-Based File System. <i>IEEE Transactions on Computers</i> , 2019 , 68, 1147-1158	2.5	4
16	Improving the Performance and Endurance of Persistent Memory with Loose-Ordering Consistency. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018 , 1-1	3.7	2
15	A Flattened Metadata Service for Distributed File Systems. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2018 , 29, 2641-2657	3.7	6
14	Empirical Study of Transactional Management for Persistent Memory 2018 ,		4
13	Efficient storage management for aged file systems on persistent memory 2017 ,		7
12	FlashKV. <i>Transactions on Embedded Computing Systems</i> , 2017 , 16, 1-19	1.8	22
11	LocoFS 2017 ,		20
10	Supporting System Consistency with Differential Transactions in Flash-Based SSDs. <i>IEEE Transactions on Computers</i> , 2016 , 65, 627-639	2.5	7
9	Empirical study of redo and undo logging in persistent memory 2016 ,		16
8	Blurred persistence in transactional persistent memory 2015 ,		32

7	High-Performance and Lightweight Transaction Support in Flash-Based SSDs. <i>IEEE Transactions on Computers</i> , 2015 , 64, 2819-2832	2.5	9
6	TxCache: Transactional cache using byte-addressable non-volatile memories in SSDs 2014 ,		8
5	EDM: An Endurance-Aware Data Migration Scheme for Load Balancing in SSD Storage Clusters 2014 ,		21
4	Loose-Ordering Consistency for persistent memory 2014 ,		86
3	. <i>IEEE Transactions on Computers</i> , 2014 , 63, 1723-1735	2.5	3
2	Accelerating Distributed Updates with Asynchronous Ordered Writes in a Parallel File System 2012 ,		4
1	MiF: Mitigating the Intra-file Fragmentation in Parallel File System 2011 ,		1