Youyou Lu

List of Publications by Citations

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	Loose-Ordering Consistency for persistent memory **2014**,		86
23	Blurred persistence in transactional persistent memory **2015**,		32
22	FlashKV. *Transactions on Embedded Computing Systems*, **2017**, 16, 1-19	1.8	22
21	EDM: An Endurance-Aware Data Migration Scheme for Load Balancing in SSD Storage Clusters **2014** ,		21
20	LocoFS **2017**,		20
19	Empirical study of redo and undo logging in persistent memory **2016**,		16
18	High-Performance and Lightweight Transaction Support in Flash-Based SSDs. *IEEE Transactions on Computers*, **2015**, 64, 2819-2832	2.5	9
17	TxCache: Transactional cache using byte-addressable non-volatile memories in SSDs **2014**,		8
16	Supporting System Consistency with Differential Transactions in Flash-Based SSDs. *IEEE Transactions on Computers*, **2016**, 65, 627-639	2.5	7
15	Efficient storage management for aged file systems on persistent memory **2017**,		7
14	A Flattened Metadata Service for Distributed File Systems. *IEEE Transactions on Parallel and Distributed Systems*, **2018**, 29, 2641-2657	3.7	6
13	Accelerating Distributed Updates with Asynchronous Ordered Writes in a Parallel File System **2012**,		4
12	Efficient and Consistent NVMM Cache for SSD-Based File System. *IEEE Transactions on Computers*, **2019**, 68, 1147-1158	2.5	4
11	Empirical Study of Transactional Management for Persistent Memory **2018**,		4
10	. *IEEE Transactions on Computers*, **2014**, 63, 1723-1735	2.5	3
9	TH-DPMS. *ACM Transactions on Storage*, **2020**, 16, 1-31	1	3
8	Improving the Performance and Endurance of Persistent Memory with Loose-Ordering Consistency. *IEEE Transactions on Parallel and Distributed Systems*, **2018**, 1-1	3.7	2

LIST OF PUBLICATIONS

7	An Experimental Study on Data Recovery Performance Improvement for HDFS with NVM **2020**,		2
6	MiF: Mitigating the Intra-file Fragmentation in Parallel File System **2011**,		1
5	COWCache: effective flash caching for Copy-on-Write virtual disks. *Cluster Computing*, **2020**, 23, 623-639	2.1	1
4	Nap: Persistent Memory Indexes for NUMA Architectures. *ACM Transactions on Storage*, **2022**, 18, 1-35	1	0
3	Towards Unaligned Writes Optimization in Cloud Storage With High-Performance SSDs. *IEEE Transactions on Parallel and Distributed Systems*, **2020**, 31, 2923-2937	3.7	0
2	Embedded Transaction Support inside SSD with Small-Capacity Non-volatile Disk Cache. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	
1	Replica-aware data recovery performance improvement for Hadoop system with NVM. *CCF Transactions on High Performance Computing*, **2021**, 3, 144	0.7	