Ping Xie

List of Publications by Year
in descending order

18 papers	85 citations	2258059 3 h-index	1720034 7 g-index
18 all docs	18 docs citations	18 times ranked	42 citing authors

#	Article	IF	Citations
1	HS6: An Efficient H-Code RAID-6 Scaling by Optimizing Data Migrating and Parity Updating. Journal of Supercomputing, 2021, 77, 12987.	3.6	2
2	HDS: optimizing data migration and parity update to realize RAID-6 scaling for HDP. Cluster Computing, 2021, 24, 3815.	5.0	3
3	SS6: Online Short-Code RAID-6 Scaling by Optimizing New Disk Location and Data Migration. Computer Journal, 2021, 64, 1600-1616.	2.4	4
4	A Scheme for RAID-6 Scaling Based on HoVer. , 2020, , .		3
5	A scheme for RAID-6 Scaling Based on EVENODD. , 2020, , .		3
6	N-Code. , 2019, , .		6
7	An Approach for RAID Scaling Based on STAR-Code. , 2019, , .		3
8	An Approach for RAID-6 Scaling Based on D-code. , 2019, , .		3
9	Research on a new RAID-6 capacity expand layout. , 2019, , .		1
10	SmartRec: Fast Recovery from Single Failures in Heterogeneous RAID-Coded Storage Systems. Computer Journal, 2018, 61, 896-911.	2.4	2
11	A method of qualitative spatial heuristic reasoning and application for complex region. , 2017, , .		0
12	A Case Study of Performance Evaluation for RAID-Coded Storage Systems. , 2016, , .		0
13	An efficient data layout scheme for better I/O balancing in RAID-6 storage systems. Frontiers of Information Technology and Electronic Engineering, 2015, 16, 335-345.	2.6	3
14	Scale-RS: An Efficient Scaling Scheme for RS-Coded Storage Clusters. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1704-1717.	5.6	33
15	A New Non-MDS RAID-6 Code to Support Fast Reconstruction and Balanced I/Os. Computer Journal, 2015, 58, 1811-1825.	2.4	4
16	Balanced P-Code: A RAID-6 Code to Support Highly Balanced I/Os for Disk Arrays. , 2014, , .		9
17	V^2-Code: A new non-MDS array code with optimal reconstruction performance for RAID-6. , 2013, , .		5
18	Accelerating adaptive directional lifting based wavelet decomposition on GPU using CUDA. , 2012, , .		1