

Ping Xie

List of Publications by Year in descending order

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18
papers

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18
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42
citing authors

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