Lingfang Zeng

List of Publications by Year
in descending order

32 papers	**376** citations

1478505

6 h-index	

1125743

	13 g-index

33 all docs	**33** docs citations

33 times ranked	**365** citing authors

#	Article	IF	Citations
1	Improving LSM-trie performance by parallel search. Software - Practice and Experience, 2020, 50, 1952-1965.	3.6	2
2	IMCI: an efficient fingerprint retrieval approach based on 3D stacked memory. Science China Information Sciences, 2020, 63, 1.	4.3	1
3	SDFS: A software-defined file system for multitenant cloud storage. Software - Practice and Experience, 2019, 49, 361-379.	3.6	3
4	Exploiting flash memory characteristics to improve performance of RAIS storage systems. Frontiers of Computer Science, 2019, 13, 913-928.	2.4	1
5	Naplus: a software distributed shared memory for virtual clusters in the cloud. Software - Practice and Experience, 2017, 47, 1201-1220.	3.6	3
6	A Write-Through Cache Method to Improve Small Write Performance of SSD-Based RAID. , 2017, , .		3
7	Toward cost-effective replica placements in cloud storage systems with QoS-awareness. Software - Practice and Experience, 2017, 47, 813-829.	3.6	14
8	An integrated task computation and data management scheduling strategy for workflow applications in cloud environments. Journal of Network and Computer Applications, 2015, 50, 39-48.	9.1	41
9	XCollOpts: A Novel Improvement of Network Virtualizations in Xen for I/O-Latency Sensitive Applications on Multicores. IEEE Transactions on Network and Service Management, 2015, 12, 163-175.	4.9	9
10	CloudSky: A Controllable Data Self-Destruction System for Untrusted Cloud Storage Networks. , 2015, , .		3
11	SABA: A security-aware and budget-aware workflow scheduling strategy in clouds. Journal of Parallel and Distributed Computing, 2015, 75, 141-151.	4.1	100
12	Optimization on content service with local search in cloud of clouds. Journal of Network and Computer Applications, 2014, 40, 206-215.	9.1	3
13	Space4time: Optimization latency-sensitive content service in cloud. Journal of Network and Computer Applications, 2014, 41, 358-368.	9.1	11
14	SeDas: A Self-Destructing Data System Based on Active Storage Framework. IEEE Transactions on Magnetics, 2013, 49, 2548-2554.	2.1	15
15	HRAID6ML: A hybrid RAID6 storage architecture with mirrored logging. , 2012, , .		12
16	HerpRap: A Hybrid Array Architecture Providing Any Point-in-Time Data Tracking for Datacenter. , 2012, , .		4
17	ScaleStar: Budget Conscious Scheduling Precedence-Constrained Many-task Workflow Applications in Cloud. , 2012, , .		53
18	SeWDReSS: on the design of an application independent, secure, wide-area disaster recovery storage system. Multimedia Tools and Applications, 2012, 58, 543-568.	3.9	2

#	ARTICLE	IF	CITATIONS
19	Integrating FPGA/ASIC into cryptographic storage systems to avoid re-encryption. International Journal of Parallel, Emergent and Distributed Systems, 2010, 25, 105-122.	1.0	0
20	SafeVanish: An Improved Data Self-Destruction for Protecting Data Privacy. , 2010, , .		34
21	USP: A Lightweight File System Management Framework. , 2010, , .		2
22	HPDA: A hybrid parity-based disk array for enhanced performance and reliability. , 2010, , .		21
23	JOR: A Journal-guided Reconstruction Optimization for RAID-Structured Storage Systems. , 2009, , .		9
24	RAID10L: A high performance RAID10 storage architecture based on logging technique. , 2008, , .		1
25	Performance-Directed iSCSI Security with Parallel Encryption. , 2008, , .		0
26	GRAID: A Green RAID Storage Architecture with Improved Energy Efficiency and Reliability. , 2008, , .		25
27	SOSRAID-6: A Self-Organized Strategy of RAID-6 in the Degraded Mode. , 2008, , .		0
28	A high-speed and low-cost storage architecture based on virtual interface. Frontiers of Computer Science, 2007, 1, 478-492.	0.6	0
29	Storage Active Service: Model, Method and Practice. , 2006, , .		0
30	OIDM: An Intrusion Detection Mechanism for Object-based Storage System. , 2006, , .		2
31	A Strategy of Load Balancing in Object Storage System. , 2005, , .		2
32	Holistic Load Balancing Strategy and Practice in Object Storage System. , 2005, , .		0