

Di Niu

List of Publications by Year in descending order

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33
papers

730
citations

1162889

8
h-index

1125617

13
g-index

33
all docs

33
docs citations

33
times ranked

747
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality-assured cloud bandwidth auto-scaling for video-on-demand applications. , 2012, , .		136
2	Demand forecast and performance prediction in peer-assisted on-demand streaming systems. , 2011, , .		97
3	Dynamic Cloud Resource Reservation via Cloud Brokerage. , 2013, , .		76
4	Random Network Coding in Peer-to-Peer Networks: From Theory to Practice. Proceedings of the IEEE, 2011, 99, 513-523.	16.4	68
5	A theory of cloud bandwidth pricing for video-on-demand providers. , 2012, , .		51
6	Android Malware Detection Based on Factorization Machine. IEEE Access, 2019, 7, 184008-184019.	2.6	49
7	Dynamic Cloud Instance Acquisition via IaaS Cloud Brokerage. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 1580-1593.	4.0	39
8	Network Latency Estimation for Personal Devices: A Matrix Completion Approach. IEEE/ACM Transactions on Networking, 2017, 25, 724-737.	2.6	37
9	An efficient distributed algorithm for resource allocation in large-scale coupled systems. , 2013, , .		20
10	Understanding demand volatility in large VoD systems. , 2011, , .		17
11	Network latency prediction for personal devices: Distance-feature decomposition from 3D sampling. , 2015, , .		16
12	Advanced algorithms for penalized quantile and composite quantile regression. Computational Statistics, 2021, 36, 333-346.	0.8	16
13	Reducing access latency in erasure coded cloud storage with local block migration. , 2016, , .		13
14	Congestion-aware internet pricing for media streaming. , 2014, , .		12
15	On the Resilience-Complexity Tradeoff of Network Coding in Dynamic P2P Networks. IEEE International Workshop on Quality of Service, 2007, , .	0.0	11
16	Wide-Area Spark Streaming: Automated Routing and Batch Sizing. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 1434-1448.	4.0	11
17	Analyzing the Resilience-Complexity Tradeoff of Network Coding in Dynamic P2P Networks. IEEE Transactions on Parallel and Distributed Systems, 2011, 22, 1842-1850.	4.0	10
18	Robust web service recommendation via quantile matrix factorization. , 2017, , .		8

#	ARTICLE	IF	CITATIONS
19	Asymptotic optimality of randomized peer-to-peer broadcast with network coding. , 2011, , .		7
20	An Asynchronous Fixed-Point Algorithm for Resource Sharing With Coupled Objectives. IEEE/ACM Transactions on Networking, 2016, 24, 2593-2606.	2.6	7
21	Circumventing Server Bottlenecks: Indirect Large-Scale P2P Data Collection. , 2008, , .		6
22	Turbo: Dynamic and Decentralized Global Analytics via Machine Learning. IEEE Transactions on Parallel and Distributed Systems, 2020, 31, 1372-1386.	4.0	5
23	Topological Properties Affect the Power of Network Coding in Decentralized Broadcast. , 2010, , .		4
24	Optimal multicast in virtualized datacenter networks with software switches. , 2017, , .		4
25	Spatial Data Reconstruction via ADMM and Spatial Spline Regression. Applied Sciences (Switzerland), 2019, 9, 1733.	1.3	3
26	L2NAS. , 2021, , .		3
27	Exploring Neural Architecture Search Space via Deep Deterministic Sampling. IEEE Access, 2021, 9, 110962-110974.	2.6	2
28	Achieving Absolutely Optimal Block Pipelining in Organized Network Coded Gossip. , 2014, , .		1
29	Resource Auto-Scaling and Sparse Content Replication for Video Storage Systems. ACM Transactions on Modeling and Performance Evaluation of Computing Systems, 2017, 2, 1-30.	0.8	1
30	Mitigating Routing Inefficiencies to Cloud-Storage Providers: A Case Study. , 2016, , .		0
31	Achieving Optimal Block Pipelining in Organized Network Coded Gossip. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 627-639.	4.0	0
32	Cooper: Expedite Batch Data Dissemination in Computer Clusters with Coded Gossips. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2204-2217.	4.0	0
33	Generative Adversarial Neural Architecture Search. , 2021, , .		0