Wanchun Jiang

List of Publications by Year
in descending order

29

papers

141

citations

1307594

7

h-index

1372567

10

g-index

29

all docs

29

docs citations

29

times ranked

121

citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Plane Analysis of Quantized Congestion Notification for Data Center Ethernet. IEEE/ACM Transactions on Networking, 2015, 23, 1-14.	3.8	17
2	Analyzing and Enhancing Dynamic Threshold Policy of Data Center Switches. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2454-2470.	5.6	15
3	Achieving high utilization of flowlet-based load balancing in data center networks. Future Generation Computer Systems, 2020, 108, 546-559.	7.5	13
4	FSQCN: Fast and simple quantized congestion notification in data center ethernet. Journal of Network and Computer Applications, 2017, 83, 53-62.	9.1	12
5	Performance Analysis and Improvement of Replica Selection Algorithms for Key-Value Stores. , 2017, , .		8
6	Sliding Mode Congestion Control for Data Center Ethernet Networks. IEEE Transactions on Computers, 2015, 64, 2675-2690.	3.4	7
7	TAP: Timelinessâ€aware predicationâ€based replica selection algorithm for keyâ€value stores. Concurrency Computation Practice and Experience, 2019, 31, e5171.	2.2	7
8	Survey on Traffic Management in Data Center Network: From Link Layer to Application Layer. IEEE Access, 2021, 9, 38427-38456.	4.2	7
9	Modeling and Analyzing Latency in the Memcached system. , 2017, , .		6
10	Understanding and improvement of the selection of replica servers in keyâ€"value stores. Information Systems, 2019, 83, 218-228.	3.6	6
11	Haste makes waste: The Onâ€"Off algorithm for replica selection in keyâ€"value stores. Journal of Parallel and Distributed Computing, 2019, 130, 80-90.	4.1	6
12	A fine-grained rule partition algorithm in cloud data centers. Journal of Network and Computer Applications, 2018, 113, 14-25.	9.1	5
13	PTCP: A priority-based transport control protocol for timeout mitigation in commodity data center. Future Generation Computer Systems, 2020, 102, 619-632.	7.5	5
14	End-to-End Congestion Control to Provide Deterministic Latency Over Internet. IEEE Communications Letters, 2022, 26, 843-847.	4.1	5
15	Copa+: Analysis and Improvement of the Delay-based Congestion Control Algorithm Copa. , 2022, , .		4
16	Tars: Timeliness-Aware Adaptive Replica Selection for Key-Value Stores. , 2017, , .		3
17	Survey on link layer congestion management of lossless switching fabric. Computer Standards and Interfaces, 2018, 57, 31-35.	5.4	3
18	Analysis on Buffer Occupancy of Quantized Congestion Notification in Data Center Networks. IEICE Transactions on Communications, 2016, E99.B, 2361-2372.	0.7	3

#	ARTICLE	IF	CITATIONS
19	Optimizing the Response Time of Memcached Systems via Model and Quantitative Analysis. IEEE Transactions on Computers, 2021, 70, 1458-1471.	3.4	2
20	ORP: An Online Rule Placement Scheme to Optimize the Traffic Overhead for Data Center Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 2183-2197.	6.4	2
21	Analysis and improvement of the latency-based congestion control algorithm DX. Future Generation Computer Systems, 2021, 123, 206-218.	7.5	2
22	PRS: Predication-Based Replica Selection Algorithm for Key-Value Stores. Communications in Computer and Information Science, 2017, , 317-330.	0.5	1
23	Improvement of the Prediction-Based Energy Efficient Ethernet Strategy. IEEE Access, 2019, 7, 156420-156429.	4.2	1
24	Cutting the Request Completion Time in Key-value Stores with Distributed Adaptive Scheduler. , 2021, , .		1
25	FSQCN: Fast and Simple Quantized Congestion Notification in Data Center Ethernet. , 2016, , .		0
26	Congestion control in Converged Ethernet with heterogeneous and time-varying delays. , 2017, , .		0
27	Information Dissemination for the Adaptive Replica Selection algorithm in Key-Value Stores. , 2020, , .		0
28	Generalized Predictive Control of the Time Window for Energy Efficient Ethernet With Prediction. IEEE Communications Letters, 2021, 25, 1491-1495.	4.1	0
29	Modeling and Analysis of Latency Distribution in the 40-100Gbps Dual-Mode Energy Efficient Ethernet. IEEE Transactions on Green Communications and Networking, 2021, 5, 1426-1437.	5.5	0