

Wanchun Jiang

List of Publications by Year in descending order

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papers

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121
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | End-to-End Congestion Control to Provide Deterministic Latency Over Internet. IEEE Communications Letters, 2022, 26, 843-847. | 4.1 | 5 |
| 2 | Copa+: Analysis and Improvement of the Delay-based Congestion Control Algorithm Copa. , 2022, , . | | 4 |
| 3 | Optimizing the Response Time of Memcached Systems via Model and Quantitative Analysis. IEEE Transactions on Computers, 2021, 70, 1458-1471. | 3.4 | 2 |
| 4 | Survey on Traffic Management in Data Center Network: From Link Layer to Application Layer. IEEE Access, 2021, 9, 38427-38456. | 4.2 | 7 |
| 5 | Generalized Predictive Control of the Time Window for Energy Efficient Ethernet With Prediction. IEEE Communications Letters, 2021, 25, 1491-1495. | 4.1 | 0 |
| 6 | 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 |
| 7 | 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 |
| 8 | Analysis and improvement of the latency-based congestion control algorithm DX. Future Generation Computer Systems, 2021, 123, 206-218. | 7.5 | 2 |
| 9 | Cutting the Request Completion Time in Key-value Stores with Distributed Adaptive Scheduler. , 2021, , . | | 1 |
| 10 | 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 |
| 11 | Information Dissemination for the Adaptive Replica Selection algorithm in Key-Value Stores. , 2020, , . | | 0 |
| 12 | Achieving high utilization of flowlet-based load balancing in data center networks. Future Generation Computer Systems, 2020, 108, 546-559. | 7.5 | 13 |
| 13 | TAP: Timeliness-aware predication-based replica selection algorithm for key-value stores. Concurrency Computation Practice and Experience, 2019, 31, e5171. | 2.2 | 7 |
| 14 | Understanding and improvement of the selection of replica servers in key-value stores. Information Systems, 2019, 83, 218-228. | 3.6 | 6 |
| 15 | Haste makes waste: The On-Off algorithm for replica selection in key-value stores. Journal of Parallel and Distributed Computing, 2019, 130, 80-90. | 4.1 | 6 |
| 16 | Improvement of the Prediction-Based Energy Efficient Ethernet Strategy. IEEE Access, 2019, 7, 156420-156429. | 4.2 | 1 |
| 17 | A fine-grained rule partition algorithm in cloud data centers. Journal of Network and Computer Applications, 2018, 113, 14-25. | 9.1 | 5 |
| 18 | Survey on link layer congestion management of lossless switching fabric. Computer Standards and Interfaces, 2018, 57, 31-35. | 5.4 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Analyzing and Enhancing Dynamic Threshold Policy of Data Center Switches. IEEE Transactions on Parallel and Distributed Systems, 2017, 28, 2454-2470. | 5.6 | 15 |
| 20 | FSQCN: Fast and simple quantized congestion notification in data center ethernet. Journal of Network and Computer Applications, 2017, 83, 53-62. | 9.1 | 12 |
| 21 | PRS: Predication-Based Replica Selection Algorithm for Key-Value Stores. Communications in Computer and Information Science, 2017, , 317-330. | 0.5 | 1 |
| 22 | Tars: Timeliness-Aware Adaptive Replica Selection for Key-Value Stores. , 2017, , . | | 3 |
| 23 | Performance Analysis and Improvement of Replica Selection Algorithms for Key-Value Stores. , 2017, , . | | 8 |
| 24 | Modeling and Analyzing Latency in the Memcached system. , 2017, , . | | 6 |
| 25 | Congestion control in Converged Ethernet with heterogeneous and time-varying delays. , 2017, , . | | 0 |
| 26 | FSQCN: Fast and Simple Quantized Congestion Notification in Data Center Ethernet. , 2016, , . | | 0 |
| 27 | Analysis on Buffer Occupancy of Quantized Congestion Notification in Data Center Networks. IEICE Transactions on Communications, 2016, E99.B, 2361-2372. | 0.7 | 3 |
| 28 | Phase Plane Analysis of Quantized Congestion Notification for Data Center Ethernet. IEEE/ACM Transactions on Networking, 2015, 23, 1-14. | 3.8 | 17 |
| 29 | Sliding Mode Congestion Control for Data Center Ethernet Networks. IEEE Transactions on Computers, 2015, 64, 2675-2690. | 3.4 | 7 |