

Markus

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

866
citations

840776

11
h-index

839539

18
g-index

24
all docs

24
docs citations

24
times ranked

537
citing authors

#	ARTICLE	IF	CITATIONS
1	Survey of deterministic and stochastic service curve models in the network calculus. IEEE Communications Surveys and Tutorials, 2010, 12, 59-86.	39.4	155
2	An End-to-End Probabilistic Network Calculus with Moment Generating Functions. IEEE International Workshop on Quality of Service, 2006, , .	0.0	154
3	End-to-end quality of service for high-end applications. Computer Communications, 2004, 27, 1375-1388.	5.1	142
4	A Guide to the Stochastic Network Calculus. IEEE Communications Surveys and Tutorials, 2015, 17, 92-105.	39.4	130
5	Stochastic Bandwidth Estimation in Networks With Random Service. IEEE/ACM Transactions on Networking, 2014, 22, 484-497.	3.8	101
6	A System-Theoretic Approach to Bandwidth Estimation. IEEE/ACM Transactions on Networking, 2010, 18, 1040-1053.	3.8	46
7	Non-asymptotic end-to-end performance bounds for networks with long range dependent fBm cross traffic. Computer Networks, 2012, 56, 127-141.	5.1	24
8	Non-asymptotic delay bounds for (k, l) fork-join systems and multi-stage fork-join networks. , 2016, , .		16
9	Non-Asymptotic Delay Bounds for Multi-Server Systems with Synchronization Constraints. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 1545-1559.	5.6	15
10	Traffic shaping in aggregate-based networks: implementation and analysis. Computer Communications, 2005, 28, 274-286.	5.1	14
11	Capacityâ€“Delayâ€“Error Boundaries: A Composable Model of Sources and Systems. IEEE Transactions on Wireless Communications, 2015, 14, 1280-1294.	9.2	14
12	Machine learning for measurement-based bandwidth estimation. Computer Communications, 2019, 144, 18-30.	5.1	14
13	Backlog and Delay Reasoning in HARQ System. , 2015, , .		12
14	Queue-aware uplink scheduling with stochastic guarantees. Computer Communications, 2016, 84, 63-72.	5.1	7
15	Neural Networks for Measurement-based Bandwidth Estimation. , 2018, , .		7
16	$M G 1$ priority scheduling with discrete pre-emption points: on the impacts of fragmentation on IP QoS. Computer Communications, 2004, 27, 1183-1196.	5.1	3
17	Service Curve Estimation-Based Characterization and Evaluation of Closed-Loop Flow Control. IEEE Transactions on Network and Service Management, 2017, 14, 161-175.	4.9	3
18	A Non-Stationary Service Curve Model for Estimation of Cellular Sleep Scheduling. IEEE Transactions on Mobile Computing, 2019, 18, 28-41.	5.8	3

#	ARTICLE	IF	CITATIONS
19	A Method for Cross-Layer Analysis of Transmit Buffer Delays in Message Index Domain. IEEE Transactions on Vehicular Technology, 2018, 67, 2698-2712.	6.3	2
20	Tiny Tasks – A Remedy for Synchronization Constraints in Multi-Server Systems. , 2020, , .		2
21	Statistical delay bounds for automatic repeat request protocols with pipelining. Performance Evaluation, 2019, 135, 102029.	1.2	1
22	Stochastic Guarantees for Rate-Adaptive Streaming. , 2018, , .		0
23	Performance and Scaling of Parallel Systems with Blocking Start and/or Departure Barriers. , 2022, , .		0