

Kaliappa Ravindran

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

169
citations

2682572

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2917675

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g-index

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all docs

24
docs citations

24
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	A Stochastic Foundation of Available Bandwidth Estimation: Multi-Hop Analysis. IEEE/ACM Transactions on Networking, 2008, 16, 130-143.	3.8	41
2	A Queueing-Theoretic Foundation of Available Bandwidth Estimation: Single-Hop Analysis. IEEE/ACM Transactions on Networking, 2007, 15, 918-931.	3.8	39
3	Single-hop probing asymptotics in available bandwidth estimation. , 2004, , .		37
4	Multi-hop probing asymptotics in available bandwidth estimation. , 2005, , .		19
5	Optimization algorithms for proxy server placement in content distribution networks. , 2009, , .		14
6	Distributed adaptation algorithms for rate-controlled video multicast over shared infrastructure networks. , 2010, , .		6
7	Model-Based Engineering for Certification of Complex Adaptive Network Systems. , 2012, , .		4
8	Protocol-level reconfigurations for autonomic management of distributed network services. , 2009, , .		2
9	Bandwidth sensing errors in network systems: A case study of video rate adaptation. , 2014, , .		2
10	Model-based assessment of QoS adaptation in complex networked systems. , 2017, , .		2
11	Cyber-Physical Systems Based Modeling of Dependability of Complex Network Systems. , 2011, , .		1
12	Cyber-physical systems based modeling of adaptation intelligence in network systems. , 2011, , .		1
13	Model-based control of device replication for trusted data collection. , 2014, , .		1
14	Towards a Generalized Stochastic Model of End-to-End Packet-Pair Sampling. IEEE Journal on Selected Areas in Communications, 2006, 24, 2249-2262.	14.0	0
15	Statistical Bandwidth Sharing in End-to-End Connectivity Management over Bandwidth-provisioned Networks. , 2007, , .		0
16	Online control techniques for optimal management of bandwidth over shared infrastructure networks. , 2008, , .		0
17	A Context-Driven Framework for Distributed Collaboration. , 2009, , .		0
18	Management intelligence for optimal resource allocations in network server systems. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
19	Situational context for replica voting based data collection in hostile environments. , 2011, , .		0
20	Knowledge-theoretic methods for certification of cloud-based network systems. , 2013, , .		0
21	Autonomic control of network sensing quality with situational assessment. , 2014, , .		0
22	Dependability Modeling and Assessment of Complex Adaptive Networked Systems. , 2015, , .		0
23	Dynamic composition of protocol sub-systems for agile network services. , 2016, , .		0
24	Replicated Sensing in Wireless-Networked Smart Systems with Cloud-assisted Support. , 2017, , .		0