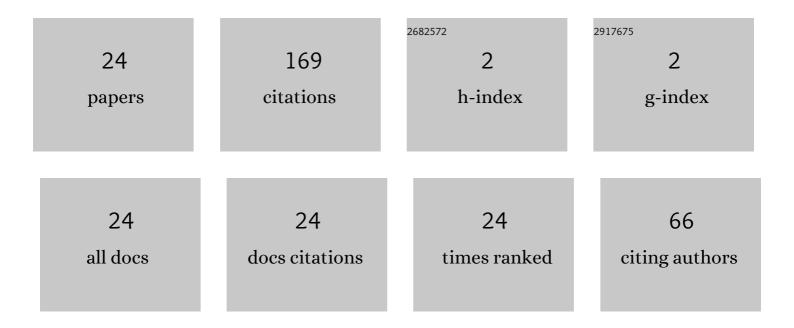
Kaliappa Ravindran

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11955995/publications.pdf Version: 2024-02-01



| # | 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, , . | | Ο |
| 20 | Knowledge-theoretic methods for certification of cloud-based network systems. , 2013, , . | | 0 |
| 21 | Autonomic control of network sensing quality with situational assessment. , 2014, , . | | ο |
| 22 | Dependability Modeling and Assessment of Complex Adaptive Networked Systems. , 2015, , . | | 0 |
| 23 | Dynamic composition of protocol sub-systems for agile network services. , 2016, , . | | Ο |
| 24 | Replicated Sensing in Wireless-Networked Smart Systems with Cloud-assisted Support. , 2017, , . | | 0 |