Sathish Gopalakrishnan

List of Publications by Year
in descending order

17 papers	174 citations	1163117 8 h-index	1125743 13 g-index
17 all docs	17 docs citations	17 times ranked	259 citing authors

#	Article	IF	Citations
1	A Context-Aware Trust-Based Information Dissemination Framework for Vehicular Networks. IEEE Internet of Things Journal, 2015, 2, 121-132.	8.7	65
2	Distributed Scheduling in Multihop Wireless Networks with Maxmin Fairness Provisioning. IEEE Transactions on Wireless Communications, 2012, 11, 1753-1763.	9.2	19
3	Adapting a Main-Stream Internet Switch Architecture for Multihop Real-Time Industrial Networks. IEEE Transactions on Industrial Informatics, 2010, 6, 393-404.	11.3	15
4	Analysis of Message Dissemination in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 3974-3982.	6.3	15
5	Sharp Thresholds for Scheduling Recurring Tasks with Distance Constraints. IEEE Transactions on Computers, 2008, 57, 344-358.	3.4	12
6	Energy efficient task partitioning and real-time scheduling on heterogeneous multiprocessor platforms with QoS requirements. Sustainable Computing: Informatics and Systems, 2011, 1, 314-328.	2.2	11
7	Throughput-Efficient Scheduling and Interference Alignment for MIMO Wireless Systems. IEEE Transactions on Wireless Communications, 2014, 13, 1779-1789.	9.2	11
8	A hybrid approach for cost-effective media streaming based on prediction of demand in community networks. Telecommunication Systems, 2015, 59, 329-343.	2.5	8
9	Sharp utilization thresholds for some realtime scheduling problems. Performance Evaluation Review, 2012, 39, 12-22.	0.6	4
10	Using Deep Reinforcement Learning to Improve Sensor Selection in the Internet of Things. IEEE Access, 2020, 8, 95208-95222.	4.2	4
11	Replication schemes for peer-to-peer content in wireless mesh networks with infrastructure support. Wireless Communications and Mobile Computing, 2015, 15, 699-715.	1.2	3
12	Optimal Data Transmission and Channel Code Rate Allocation in Multipath Wireless Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3963-3974.	6.3	2
13	Extending <scp>P</scp>2<scp>PMesh</scp>: topology‐aware schemes for efficient peer‐to‐peer data sharing in wireless mesh networks. Wireless Communications and Mobile Computing, 2013, 13, 483-499.	1.2	2
14	Balancing Message Criticality and Timeliness in IoT Networks. IEEE Access, 2019, 7, 145738-145745.	4.2	2
15	Modelling and performance analysis of content sharing and distribution in community networks with infrastructure support. Peer-to-Peer Networking and Applications, 2014, 7, 590-610.	3.9	1
16	Optimum Object Selection Made Easy. Wireless Personal Communications, 2013, 71, 2507-2521.	2.7	0
17	Scalable Delay-Sensitive Polling of Sensors. IEEE Access, 2020, 8, 180231-180245.	4.2	0