Pratap Sahu

List of Publications by Year
in descending order

24 papers	695 citations	933447 10 h-index	1199594 12 g-index
25 all docs	25 docs citations	25 times ranked	885 citing authors

#	ARTICLE	IF	CITATIONS
1	Reliable Emergency Message Dissemination Scheme for Urban Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 1154-1166.	8.0	21
2	Local Traffic Aware Unicast Routing Scheme for Connected Car System. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2360-2375.	8.0	15
3	Energy Efficient Cooperative Computing in Mobile Wireless Sensor Networks. IEEE Transactions on Cloud Computing, 2018, 6, 114-126.	4.4	132
4	Quality of service aware multicasting in heterogeneous vehicular networks. Vehicular Communications, 2018, 13, 38-55.	4.0	15
5	Dynamic Hierarchical Aggregation for Vehicular Sensing. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 2539-2556.	8.0	10
6	A Novel Architecture and Mechanism for On-Demand Services in Vehicular Networks with Minimum Overhead in Target Vehicle Tracking. , 2016, , .		1
7	Optimal Gateway Placement and Reliable Internet Access in Urban Vehicular Environments. , 2016, , .		2
8	E-NC: PSO based enforced network coding in vehicular networks. , 2016, , .		0
9	Multi-hop reliability for broadcast-based VANET in city environments. , 2016, , .		10
10	DMAP: Density Map Service in City Environments. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2862-2877.	8.0	1
11	Dynamic spatial partition density-based emergency message dissemination in VANETs. Vehicular Communications, 2015, 2, 208-222.	4.0	38
12	M-PNC: Multi-hop physical layer network coding for shared paths in vehicular networks. , 2015, , .		1
13	Inter street interference cancelation in urban vehicular networks using network coding. , 2014, , .		1
14	A stable minimum velocity CDS-based virtual backbone for VANET in city environment. , 2014, , .		20
15	Congestion control in vehicular networks using network coding. , 2014, , .		7
16	Congestion-Controlled-Coordinator-Based MAC for Safety-Critical Message Transmission in VANETs. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1423-1437.	8.0	52
17	A collision-based beacon rate adaptation scheme(CBA) for VANETs. , 2013, , .		22
18	AAF: Analog superposition assisted forwarding node selection and density estimation in vehicular networks. , 2013, , .		1

#	Article	IF	Citations
19	DuRT: Dual RSSI Trend Based Localization for Wireless Sensor Networks. IEEE Sensors Journal, 2013, 13, 3115-3123.	4.7	109
20	BAHG: Back-Bone-Assisted Hop Greedy Routing for VANET's City Environments. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 199-213.	8.0	82
21	DDOR: Destination discovery oriented routing inÂhighway/freeway VANETs+. Telecommunication Systems, 2012, 50, 267-284.	2.5	19
22	Binary-Partition-Assisted MAC-Layer Broadcast for Emergency Message Dissemination in VANETs. IEEE Transactions on Intelligent Transportation Systems, 2011, 12, 757-770.	8.0	87
23	BPAB: Binary Partition Assisted Emergency Broadcast Protocol For Vehicular Ad Hoc Networks. , 2009, , .		39
24	Destination Discovery Oriented Position Based Routing in VANET. , 2008, , .		10