

Nabajyoti Mazumdar

List of Publications by Year in descending order

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18
papers

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19
docs citations

19
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed fuzzy approach to unequal clustering and routing algorithm for wireless sensor networks. International Journal of Communication Systems, 2018, 31, e3709.	2.5	48
2	DUCR: Distributed unequal cluster-based routing algorithm for heterogeneous wireless sensor networks. International Journal of Communication Systems, 2017, 30, e3374.	2.5	35
3	Distributed fuzzy logic based energy-aware and coverage preserving unequal clustering algorithm for wireless sensor networks. International Journal of Communication Systems, 2017, 30, e3283.	2.5	34
4	HDDS: Hierarchical Data Dissemination Strategy for energy optimization in dynamic wireless sensor network under harsh environments. Ad Hoc Networks, 2021, 111, 102348.	5.5	32
5	Coverage-aware Unequal Clustering Algorithm for Wireless Sensor Networks. Procedia Computer Science, 2015, 57, 660-669.	2.0	27
6	An energy and coverage sensitive approach to hierarchical data collection for mobile sink based wireless sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 1267-1291.	4.9	22
7	Trust-based load-offloading protocol to reduce service delays in fog-computing-empowered IoT. Computers and Electrical Engineering, 2021, 93, 107223.	4.8	21
8	A Survey on Clustering Approaches for Wireless Sensor Networks. , 2018, , .		20
9	An optimal mobile sink sojourn location discovery approach for the energy-constrained and delay-sensitive wireless sensor network. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 10837-10864.	4.9	20
10	An energy optimized and QoS concerned data gathering protocol for wireless sensor network using variable dimensional PSO. Ad Hoc Networks, 2021, 123, 102669.	5.5	19
11	An adaptive hierarchical data dissemination mechanism for mobile data collector enabled dynamic wireless sensor network. Journal of Network and Computer Applications, 2021, 186, 103097.	9.1	16
12	An energy efficient GA-based algorithm for clustering in wireless sensor networks. , 2016, , .		12
13	A GA-Based Fault-Aware Routing Algorithm for Wireless Sensor Networks. Springer Tracts in Nature-inspired Computing, 2020, , 21-38.	0.7	9
14	A Distributed Fault-Tolerant Multi-objective Clustering Algorithm for Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2017, , 125-137.	0.4	6
15	A buffer-aware dynamic UAV trajectory design for data collection in resource-constrained IoT frameworks. Computers and Electrical Engineering, 2022, 100, 107934.	4.8	4
16	Cache-aware mobile data collection schedule for IoT enabled multi-rate data generator wireless sensor network. Sustainable Computing: Informatics and Systems, 2021, 31, 100583.	2.2	3
17	Distributed energy-efficient clustering algorithm for mobile-sink based wireless sensor networks. , 2016, , .		1
18	An Efficient Communication Protocol for Energy-Constraint IoT Devices for Environment Monitoring Applications. Lecture Notes in Electrical Engineering, 2021, , 475-487.	0.4	1