

# Nabajyoti Mazumdar

## List of Publications by Year in descending order

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18  
papers

332  
citations

932766

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940134

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g-index

19  
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19  
docs citations

19  
times ranked

174  
citing authors

#	ARTICLE	IF	CITATIONS
1	A buffer-aware dynamic UAV trajectory design for data collection in resource-constrained IoT frameworks. Computers and Electrical Engineering, 2022, 100, 107934.	3.0	4
2	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.	3.3	22
3	HDSD: Hierarchical Data Dissemination Strategy for energy optimization in dynamic wireless sensor network under harsh environments. Ad Hoc Networks, 2021, 111, 102348.	3.4	32
4	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.	3.3	20
5	An adaptive hierarchical data dissemination mechanism for mobile data collector enabled dynamic wireless sensor network. Journal of Network and Computer Applications, 2021, 186, 103097.	5.8	16
6	Trust-based load-offloading protocol to reduce service delays in fog-computing-empowered IoT. Computers and Electrical Engineering, 2021, 93, 107223.	3.0	21
7	Cache-aware mobile data collection schedule for IoT enabled multi-rate data generator wireless sensor network. Sustainable Computing: Informatics and Systems, 2021, 31, 100583.	1.6	3
8	An energy optimized and QoS concerned data gathering protocol for wireless sensor network using variable dimensional PSO. Ad Hoc Networks, 2021, 123, 102669.	3.4	19
9	An Efficient Communication Protocol for Energy-Constraint IoT Devices for Environment Monitoring Applications. Lecture Notes in Electrical Engineering, 2021, , 475-487.	0.3	1
10	A GA-Based Fault-Aware Routing Algorithm for Wireless Sensor Networks. Springer Tracts in Nature-inspired Computing, 2020, , 21-38.	1.2	9
11	A Survey on Clustering Approaches for Wireless Sensor Networks. , 2018, , .		20
12	Distributed fuzzy approach to unequal clustering and routing algorithm for wireless sensor networks. International Journal of Communication Systems, 2018, 31, e3709.	1.6	48
13	Distributed fuzzy logic based energy-aware and coverage preserving unequal clustering algorithm for wireless sensor networks. International Journal of Communication Systems, 2017, 30, e3283.	1.6	34
14	A Distributed Fault-Tolerant Multi-objective Clustering Algorithm for Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2017, , 125-137.	0.3	6
15	DUCR: Distributed unequal cluster-based routing algorithm for heterogeneous wireless sensor networks. International Journal of Communication Systems, 2017, 30, e3374.	1.6	35
16	Distributed energy-efficient clustering algorithm for mobile-sink based wireless sensor networks. , 2016, , .		1
17	An energy efficient GA-based algorithm for clustering in wireless sensor networks. , 2016, , .		12
18	Coverage-aware Unequal Clustering Algorithm for Wireless Sensor Networks. Procedia Computer Science, 2015, 57, 660-669.	1.2	27