Ousmane Thiare

List of Publications by Year
in descending order

36 papers	264 citations	1683354 5 h-index	1199166 12 g-index
38 all docs	38 docs citations	38 times ranked	234 citing authors

#	Article	IF	Citations
1	Enabling privacy and security in Cloud of Things: Architecture, applications, security & privacy challenges. Applied Computing and Informatics, 2024, 20, 119-141.	3.7	34
2	HGC: HyperGraph based Clustering scheme for power aware wireless sensor networks. Future Generation Computer Systems, 2020, 105, 175-183.	4.9	28
3	A Framework of Modeling Large-Scale Wireless Sensor Networks for Big Data Collection. Symmetry, 2020, 12, 1113.	1.1	6
4	Flood forecasting based on an artificial neural network scheme. Natural Hazards, 2020, 104, 1211-1237.	1.6	44
5	A Three-Tier Architecture of Large-Scale Wireless Sensor Networks for Big Data Collection. Applied Sciences (Switzerland), 2020, 10, 5382.	1.3	11
6	Realistic Cluster-Based Energy-Efficient and Fault-Tolerant (RCEEFT) Routing Protocol for Wireless Sensor Networks (WSNs). Advances in Intelligent Systems and Computing, 2020, , 320-337.	0.5	3
7	Comparing and Adapting Propagation Models for LoRa Networks. , 2020, , .		3
8	Energy-Efficient Multihop Routing Framework for Cluster-based Agricultural Internet of Things (CA-IoT). , 2020, , .		3
9	Multi-Objective Optimization Modeling of Clustering-Based Agricultural Internet of Things. , 2020, , .		1
10	Resource allocation scheme for 5G C-RAN: a Swarm Intelligence based approach. Computer Networks, 2019, 165, 106957.	3.2	44
11	Outdoor Localization and Distance Estimation Based on Dynamic RSSI Measurements in LoRa Networks: Application to Cattle Rustling Prevention. , 2019, , .		3
12	A 2-hop LoRa Approach Based on Smart and Transparent Relay-Device. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 24-34.	0.2	0
13	Low-cost antenna technology for LPWAN IoT in rural applications. , 2017, , .		13
14	A study on IoT solutions for preventing cattle rustling in african context. , 2017, , .		9
15	IoT, an affordable technology to empower Africans addressing needs in Africa. , 2017, , .		3
16	Modeling Voice over LTE. Software Networking, 2016, 2016, 101-112.	0.6	1
17	Voice over LTE Performance Evaluation. Lecture Notes in Electrical Engineering, 2016, , 25-33.	0.3	1
18	Bird Sounds Detection Using Normalized Audio Power Sequences. , 2015, , .		1

#	Article	IF	Citations
19	Autonomic Management Using Self-Stabilization for Hierarchical and Distributed Middleware. , 2015, , .		0
20	Handling voice in LTE. , 2015, , .		0
21	An Energy Efficient Self-healing Mechanism for Long Life Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2015, , 599-605.	0.3	2
22	An hybrid scheduling algorithm for Wireless Sensor Networks. , 2014, , .		1
23	Managing Target Coverage Lifetime in Wireless Sensor Networks with Greedy Set Cover. , 2014, , .		2
24	Target coverage management in wireless sensor networks. , 2014, , .		5
25	A weight-based greedy algorithm for target coverage problem in wireless sensor networks. , 2014, , .		7
26	ALARM: An energy aware sleep scheduling algorithm for lifetime maximization in wireless sensor networks. , 2013, , .		6
27	2-hop neighborhood information for cover set selection in mission-critical surveillance with Wireless Image Sensor Networks. , 2013, , .		7
28	Best cover set selection with multi-criteria approach in mission-critical surveillance for Wireless Image Sensor Networks. , 2012, , .		2
29	Hierarchical composition of coordinated checkpoint with pessimistic message logging. , 2012, , .		0
30	Performance comparison of hierarchical checkpoint protocols grid computing. International Journal of Interactive Multimedia and Artificial Intelligence, 2012, 1, 46.	1.0	2
31	A clustering Group Mutual Exclusion algorithm for mobile ad hoc networks. , 2009, , .		3
32	A solution to improve algorithm for distributed mutual exclusion by restricting message exchange in quorums. , 2009, , .		1
33	A Group k-Mutual Exclusion Algorithm for Mobile Ad Hoc Networks. Lecture Notes in Computer Science, 2009, , 58-66.	1.0	2
34	A Group Mutual Exclusion Algorithm for Mobile Ad Hoc Networks. , 2007, , 373-377.		3
35	Distributed Groups Mutual Exclusion Based on Clients/Servers Model. , 2006, , .		3
36	Guarantees of Differential Privacy in Cloud of Things: A Multilevel Data Publication Scheme. International Journal of Engineering Research in Africa, 0, 56, 199-212.	0.7	3