

# Ousmane Thiare

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6969737/publications.pdf>

Version: 2024-02-01

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  | Resource allocation scheme for 5G C-RAN: a Swarm Intelligence based approach. Computer Networks, 2019, 165, 106957.  | 3.2 | 44        |
| 2  | Flood forecasting based on an artificial neural network scheme. Natural Hazards, 2020, 104, 1211-1237.   | 1.6 | 44        |
| 3  | Enabling privacy and security in Cloud of Things: Architecture, applications, security & privacy challenges. Applied Computing and Informatics, 2024, 20, 119-141.                         | 3.7 | 34        |
| 4  | HGC: HyperGraph based Clustering scheme for power aware wireless sensor networks. Future Generation Computer Systems, 2020, 105, 175-183.  | 4.9 | 28        |
| 5  | Low-cost antenna technology for LPWAN IoT in rural applications. , 2017, , .   |     | 13        |
| 6  | A Three-Tier Architecture of Large-Scale Wireless Sensor Networks for Big Data Collection. Applied Sciences (Switzerland), 2020, 10, 5382.   | 1.3 | 11        |
| 7  | A study on IoT solutions for preventing cattle rustling in african context. , 2017, , .  |     | 9         |
| 8  | 2-hop neighborhood information for cover set selection in mission-critical surveillance with Wireless Image Sensor Networks. , 2013, , .   |     | 7         |
| 9  | A weight-based greedy algorithm for target coverage problem in wireless sensor networks. , 2014, , .   |     | 7         |
| 10 | ALARM: An energy aware sleep scheduling algorithm for lifetime maximization in wireless sensor networks. , 2013, , .   |     | 6         |
| 11 | A Framework of Modeling Large-Scale Wireless Sensor Networks for Big Data Collection. Symmetry, 2020, 12, 1113.  | 1.1 | 6         |
| 12 | Target coverage management in wireless sensor networks. , 2014, , .  |     | 5         |
| 13 | Distributed Groups Mutual Exclusion Based on Clients/Servers Model. , 2006, , .  |     | 3         |
| 14 | A clustering Group Mutual Exclusion algorithm for mobile ad hoc networks. , 2009, , .  |     | 3         |
| 15 | IoT, an affordable technology to empower Africans addressing needs in Africa. , 2017, , .  |     | 3         |
| 16 | Outdoor Localization and Distance Estimation Based on Dynamic RSSI Measurements in LoRa Networks: Application to Cattle Rustling Prevention. , 2019, , .                                   |     | 3         |
| 17 | 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         |
| 18 | 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         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | A Group Mutual Exclusion Algorithm for Mobile Ad Hoc Networks. , 2007, , 373-377.  |     | 3         |
| 20 | Comparing and Adapting Propagation Models for LoRa Networks. , 2020, , .   |     | 3         |
| 21 | Energy-Efficient Multihop Routing Framework for Cluster-based Agricultural Internet of Things (CA-IoT). , 2020, , .  |     | 3         |
| 22 | Best cover set selection with multi-criteria approach in mission-critical surveillance for Wireless Image Sensor Networks. , 2012, , .   |     | 2         |
| 23 | Managing Target Coverage Lifetime in Wireless Sensor Networks with Greedy Set Cover. , 2014, , .   |     | 2         |
| 24 | Performance comparison of hierarchical checkpoint protocols grid computing. International Journal of Interactive Multimedia and Artificial Intelligence, 2012, 1, 46.                          | 1.0 | 2         |
| 25 | A Group k-Mutual Exclusion Algorithm for Mobile Ad Hoc Networks. Lecture Notes in Computer Science, 2009, , 58-66.   | 1.0 | 2         |
| 26 | An Energy Efficient Self-healing Mechanism for Long Life Wireless Sensor Networks. Lecture Notes in Electrical Engineering, 2015, , 599-605.   | 0.3 | 2         |
| 27 | A solution to improve algorithm for distributed mutual exclusion by restricting message exchange in quorums. , 2009, , .   |     | 1         |
| 28 | An hybrid scheduling algorithm for Wireless Sensor Networks. , 2014, , .   |     | 1         |
| 29 | Bird Sounds Detection Using Normalized Audio Power Sequences. , 2015, , .  |     | 1         |
| 30 | Modeling Voice over LTE. Software Networking, 2016, 2016, 101-112.   | 0.6 | 1         |
| 31 | Voice over LTE Performance Evaluation. Lecture Notes in Electrical Engineering, 2016, , 25-33.   | 0.3 | 1         |
| 32 | Multi-Objective Optimization Modeling of Clustering-Based Agricultural Internet of Things. , 2020, , .   |     | 1         |
| 33 | Hierarchical composition of coordinated checkpoint with pessimistic message logging. , 2012, , .   |     | 0         |
| 34 | Autonomic Management Using Self-Stabilization for Hierarchical and Distributed Middleware. , 2015, , .   |     | 0         |
| 35 | Handling voice in LTE. , 2015, , .   |     | 0         |
| 36 | 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         |