

Yasser Gadallah

List of Publications by Year in descending order

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papers

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123
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | BAT: A Balanced Alternating Technique for M2M Uplink Scheduling over LTE. , 2015, , . | | 23 |
| 2 | Wireless Sensor Network deployment using a variable-length genetic algorithm. , 2014, , . | | 18 |
| 3 | Matching-Based Resource Allocation for Critical MTC in Massive MIMO LTE Networks. IEEE Access, 2019, 7, 127141-127153. | 4.2 | 13 |
| 4 | An LTE-based optimal resource allocation scheme for delay-sensitive M2M deployments coexistent with H2H users. , 2017, , . | | 11 |
| 5 | An Optimized LTE-Based Technique for Drone Base Station Dynamic 3D Placement and Resource Allocation in Delay-Sensitive M2M Networks. IEEE Transactions on Mobile Computing, 2023, 22, 732-743. | 5.8 | 11 |
| 6 | WSN Application Traffic Characterization for Integration within the Internet of Things. , 2013, , . | | 10 |
| 7 | Optimal Cross-Layer Resource Allocation for Critical MTC Traffic in Mixed LTE Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5944-5956. | 6.3 | 10 |
| 8 | Autonomous 3-D UAV Localization Using Cellular Networks: Deep Supervised Learning Versus Reinforcement Learning Approaches. IEEE Access, 2021, 9, 155234-155248. | 4.2 | 8 |
| 9 | Mobility Load Management in Cellular Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Mobile Computing, 2021, , 1-1. | 5.8 | 7 |
| 10 | Reliable wireless sensor networks topology control for critical internet of things applications. , 2018, , . | | 6 |
| 11 | Optimized 3D Drone Placement and Resource Allocation for LTE-Based M2M Communications. , 2020, , . | | 6 |
| 12 | An IP-based arrangement to connect wireless sensor networks to the Internet of Things. , 2014, , . | | 5 |
| 13 | A Critical MTC Resource Allocation Approach for LTE Networks With Finite Blocklength Codes. IEEE Transactions on Vehicular Technology, 2020, 69, 5598-5609. | 6.3 | 5 |
| 14 | Reliability assessment of wireless sensor network deployments. , 2016, , . | | 4 |
| 15 | Uniqueness-Based Resource Allocation for M2M Communications in Narrowband IoT Networks. , 2017, , . | | 4 |
| 16 | Cross-layer resource allocation for critical MTC coexistent with human-type communications in LTE: a two-sided matching approach. IET Communications, 2020, 14, 3223-3230. | 2.2 | 4 |
| 17 | ECTP: Enhanced Collection Tree Protocol for practical wireless sensor network applications. , 2013, , . | | 3 |
| 18 | Minimizing the probability of collision in wireless sensor networks using cooperative diversity and optimal power allocation. , 2013, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 19 | Drone Base Station Trajectory Planning for Optimal Resource Scheduling in LTE Sparse M2M Networks. , 2019, , . | | 1 |
| 20 | LTE-Based Network Virtualization Schemes Adaptation for M2M Deployments. , 2019, , . | | 1 |
| 21 | An LTE-based Multicast Scheduling Technique for Critical Smart Grid Communications. , 2018, , . | | 0 |