

Arslan Musaddiq

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

430
citations

1162889

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h-index

1199470

12
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22
all docs

22
docs citations

22
times ranked

515
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Survey on Resource Management in IoT Operating Systems. IEEE Access, 2018, 6, 8459-8482. | 2.6 | 152 |
| 2 | Routing protocol for Low-Power and Lossy Networks for heterogeneous traffic network. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, . | 1.5 | 59 |
| 3 | Hybrid Deep Learning: An Efficient Reconnaissance and Surveillance Detection Mechanism in SDN. IEEE Access, 2020, 8, 134695-134706. | 2.6 | 47 |
| 4 | LWA in 5G: State-of-the-Art Architecture, Opportunities, and Research Challenges. IEEE Communications Magazine, 2018, 56, 134-141. | 4.9 | 41 |
| 5 | A Dynamic DL-Driven Architecture to Combat Sophisticated Android Malware. IEEE Access, 2020, 8, 129600-129612. | 2.6 | 23 |
| 6 | The limitations in the state-of-the-art counter-measures against the security threats in H-IoT. Cluster Computing, 2020, 23, 2047-2065. | 3.5 | 21 |
| 7 | Energy-Aware Adaptive Trickle Timer Algorithm for RPL-based Routing in the Internet of Things. , 2018, , . | | 16 |
| 8 | Reinforcement Learning-Enabled Cross-Layer Optimization for Low-Power and Lossy Networks under Heterogeneous Traffic Patterns. Sensors, 2020, 20, 4158. | 2.1 | 16 |
| 9 | Survey of Channel Assignment Algorithms for Multi-radio Multi-channel Wireless Mesh Networks. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2015, 32, 164-182. | 2.1 | 11 |
| 10 | Fair and Efficient Channel Observation-Based Listen-Before Talk (CoLBT) for LAA-WiFi Coexistence in Unlicensed LTE. , 2018, , . | | 11 |
| 11 | Trends, Issues, and Challenges in the Domain of IoT-Based Vehicular Cloud Network. Unmanned System Technologies, 2020, , 49-64. | 0.9 | 6 |
| 12 | Performance and Cost Evaluation of IEEE 802.11g and 802.3i Protocols for Network Connectivity at a University Campus Using OPNET Simulation. , 2013, , . | | 5 |
| 13 | RIATA: A Reinforcement Learning-Based Intelligent Routing Update Scheme for Future Generation IoT Networks. IEEE Access, 2021, 9, 81161-81172. | 2.6 | 5 |
| 14 | Collision Observation-based Optimization of Low-power and Lossy IoT Network using Reinforcement Learning. Computers, Materials and Continua, 2021, 67, 799-814. | 1.5 | 4 |
| 15 | greenMAC Protocol: A Q-Learning-Based Mechanism to Enhance Channel Reliability for WLAN Energy Savings. Electronics (Switzerland), 2020, 9, 1720. | 1.8 | 3 |
| 16 | Multi-hop wireless network modelling using OMNET++ simulator. , 2015, , . | | 2 |
| 17 | Congestion control routing using optimal channel assignment mechanism in wireless mesh network. , 2017, , . | | 2 |
| 18 | Enhancing IEEE 802.15.4 Access Mechanism with Machine Learning. , 2021, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | History-Aware Adaptive Route Update Scheme for Low-Power and Lossy Networks. , 2021, , . | | 2 |
| 20 | Overview of ICT Convergence Specialized Research Center in South Korea. , 2021, , . | | 2 |
| 21 | Distributed channel assignment based on congestion information in wireless mesh network. , 2014, , . | | 0 |
| 22 | RIOT-OS: FIRMWARE FOR FUTURISTIC INTERNET OF THINGS. Far East Journal of Electronics and Communications, 2017, 17, 877-887. | 0.2 | 0 |