# Fabio Patrone

## List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 24<br>papers | 529<br>citations | 933447<br>10<br>h-index | 1058476<br>14<br>g-index |
| 24<br>all docs | 24<br>docs citations | 24<br>times ranked | 627<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A Framework for Network Security Verification of Automated Vehicles in the Agricultural Domain. , 2022, , . | | 1 |
| 2 | A Possible Smart Metering System Evolution for Rural and Remote Areas Employing Unmanned Aerial Vehicles and Internet of Things in Smart Grids. Sensors, 2021, 21, 1627. | 3.8 | 15 |
| 3 | Toward the Integration of Cyber and Physical Security Monitoring Systems for Critical Infrastructures. Sensors, 2021, 21, 6970. | 3.8 | 14 |
| 4 | Nanosatellite-5G Integration in the Millimeter Wave Domain: A Full Top-Down Approach. IEEE Transactions on Mobile Computing, 2020, 19, 390-404. | 5.8 | 28 |
| 5 | A Unified Optimisation Framework for QoS Management and Congestion Control in VHTS Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 11619-11631. | 6.3 | 6 |
| 6 | Collective Awareness for Abnormality Detection in Connected Autonomous Vehicles. IEEE Internet of Things Journal, 2020, 7, 3774-3789. | 8.7 | 13 |
| 7 | E-CGR: Energy-Aware Contact Graph Routing Over Nanosatellite Networks. IEEE Transactions on Green Communications and Networking, 2020, 4, 890-902. | 5.5 | 20 |
| 8 | IoT and UAV Integration in 5G Hybrid Terrestrial-Satellite Networks. Sensors, 2019, 19, 3704. | 3.8 | 94 |
| 9 | IoT Applications and Services in Space Information Networks. IEEE Wireless Communications, 2019, 26, 31-37. | 9.0 | 71 |
| 10 | Towards Increasing the LoRa Network Coverage: A Flying Gateway. , 2019, , . | | 4 |
| 11 | Networking Challenges for Non-Terrestrial Networks Exploitation in 5G. , 2019, , . | | 22 |
| 12 | UAV and IoT Integration: A Flying Gateway. , 2019, , . | | 17 |
| 13 | Small satellites and CubeSats: Survey of structures, architectures, and protocols. International Journal of Satellite Communications and Networking, 2019, 37, 343-359. | 1.8 | 51 |
| 14 | DTN-Based Nanosatellite Architecture and Hot Spot Selection Algorithm for Remote Areas Connection. IEEE Transactions on Vehicular Technology, 2018, 67, 689-702. | 6.3 | 26 |
| 15 | Energy-aware Routing Algorithm for DTN-Nanosatellite Networks. , 2018, , . | | 9 |
| 16 | Satellite Networking Integration in the 5G Ecosystem: Research Trends and Open Challenges. IEEE Network, 2018, 32, 9-15. | 6.9 | 95 |
| 17 | A Survey on Network Architectures and Applications for Nanosat and UAV Swarms. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 75-85. | 0.3 | 4 |
| 18 | A theoretical analysis of buffer occupancy for Intermittently-Connected Networks. Performance Evaluation, 2017, 115, 108-131. | 1.2 | 9 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | A Source Routing Algorithm Based on CGR for DTN-Nanosatellite Networks. , 2017, , . | | 10 |
| 20 | ColdSel: A Selection Algorithm to Mitigate Congestion Situations over Nanosatellite Networks. , 2016, , . | | 6 |
| 21 | Research Challenges in Nanosatellite-DTN Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 89-93. | 0.3 | 1 |
| 22 | HotSel: A Hot Spot Selection Algorithm for Internet Access in Rural Areas through Nanosatellite Networks. , 2015, , . | | 8 |
| 23 | Hot spot selection in rural access nanosatellite networks. , 2014, , . | | 5 |
| 24 | HotSel: A Hot Spot Selection Algorithm for Internet Access in Rural Areas through Nanosatellite Networks. , 2014, , . | | 0 |