

# Alexandros G Fragkiadakis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8453556/publications.pdf>

Version: 2024-02-01

43  
papers

1,044  
citations

933447

10  
h-index

839539

18  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1115  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Firmware Over-the-air Programming Techniques for IoT Networks - A Survey. ACM Computing Surveys, 2022, 54, 1-36.   | 23.0 | 19        |
| 2  | Dfinder”An efficient differencing algorithm for incremental programming of constrained IoT devices. Internet of Things (Netherlands), 2022, 17, 100482.                  | 7.7  | 0         |
| 3  | An IoT-based Platform for Supply Chain Monitoring. , 2021, , .   |      | 3         |
| 4  | Autonomous Maintenance in IoT Networks via Aol-driven Deep Reinforcement Learning. , 2021, , .   |      | 5         |
| 5  | A Compilation-and Remote-Programming-as-a-Service Platform for IoT Devices. , 2021, , .  |      | 0         |
| 6  | DTLS Connection Identifiers for Secure Session Resumption in Constrained IoT Devices. , 2021, , .  |      | 0         |
| 7  | Incremental firmware update using an efficient differencing algorithm. , 2020, , .   |      | 3         |
| 8  | Building a Smart City Ecosystem for Third Party Innovation in the City of Heraklion. Progress in IS, 2019, , 19-56.  | 0.6  | 3         |
| 9  | Federation of Internet of Things Testbeds for the Realization of a Semantically-Enabled Multi-Domain Data Marketplace. Sensors, 2018, 18, 3375.                          | 3.8  | 24        |
| 10 | Designing Secure IoT Architectures for Smart City Applications. , 2017, , 63-87.   |      | 7         |
| 11 | A fog-enabled IoT platform for efficient management and data collection. , 2017, , .   |      | 12        |
| 12 | A trust-based scheme employing evidence reasoning for IoT architectures. , 2016, , .   |      | 1         |
| 13 | An IoT Middleware for Enhanced Security and Privacy: The RERUM Approach. , 2016, , .   |      | 9         |
| 14 | Enhancing compressive sensing encryption in constrained devices using chaotic sequences. , 2016, , .   |      | 5         |
| 15 | A practical implementation of an adaptive Compressive Sensing encryption scheme. , 2016, , .   |      | 1         |
| 16 | Signal Processing Techniques for Energy Efficiency, Security, and Reliability in the IoT Domain. Modeling and Optimization in Science and Technologies, 2016, , 419-447. | 0.7  | 4         |
| 17 | ECDSA on Things: IoT Integrity Protection in Practise. Lecture Notes in Computer Science, 2016, , 3-17.  | 1.3  | 10        |
| 18 | Rate-Adaptive Compressive Sensing for IoT Applications. , 2015, , .  |      | 11        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Enabling Wireless Sensor Nodes for Self-Contained Jamming Detection. Journal of Cyber Security and Mobility, 2014, 3, 133-158.                             | 0.7  | 1         |
| 20 | Experiences with deploying Compressive Sensing and Matrix Completion techniques in IoT devices. , 2014, , .  |      | 3         |
| 21 | Mathematical modelling of metric-driven routing and resource allocation in wireless mesh networks. , 2014, , .   |      | 0         |
| 22 | Lightweight and secure encryption using channel measurements. , 2014, , .  |      | 12        |
| 23 | Securing Cognitive Wireless Sensor Networks: A Survey. International Journal of Distributed Sensor Networks, 2014, 10, 393248.                             | 2.2  | 15        |
| 24 | Adaptive compressive sensing for energy efficient smart objects in IoT applications. , 2014, , .   |      | 19        |
| 25 | Enabling reliable and secure IoT-based smart city applications. , 2014, , .  |      | 45        |
| 26 | A Network Telescope for Early Warning Intrusion Detection. Lecture Notes in Computer Science, 2014, , 11-22.   | 1.3  | 9         |
| 27 | Denial-of-Service Attacks in Wireless Networks Using Off-the-Shelf Hardware. Lecture Notes in Computer Science, 2014, , 427-438.                           | 1.3  | 9         |
| 28 | A lightweight framework for secure life-logging in smart environments. Information Security Technical Report, 2013, 17, 58-70.                             | 1.3  | 24        |
| 29 | Joint compressed-sensing and matrix-completion for efficient data collection in WSNs. , 2013, , .  |      | 12        |
| 30 | Spectrum Assignment in Cognitive Radio Networks: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 1108-1135.                   | 39.4 | 316       |
| 31 | A Survey on Security Threats and Detection Techniques in Cognitive Radio Networks. IEEE Communications Surveys and Tutorials, 2013, 15, 428-445.           | 39.4 | 351       |
| 32 | Experience from testbeds and management platforms towards mesh networking with heterogeneous wireless access. , 2013, , .                                  |      | 2         |
| 33 | Malicious traffic analysis in wireless sensor networks using advanced signal processing techniques. , 2013, , .  |      | 2         |
| 34 | Anomaly-based intrusion detection of jamming attacks, local versus collaborative detection. Wireless Communications and Mobile Computing, 2013, , n/a-n/a. | 1.2  | 18        |
| 35 | Secure and Energy-Efficient Life-Logging in Wireless Pervasive Environments. Lecture Notes in Computer Science, 2013, , 306-315.                           | 1.3  | 4         |
| 36 | Physical-layer intrusion detection for wireless networks using compressed sensing. , 2012, , .   |      | 10        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Design and performance evaluation of a lightweight wireless early warning intrusion detection prototype. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, . | 2.4 | 16        |
| 38 | The impact of interference on the performance of a multi-path metropolitan wireless mesh network. , 2011, , .   |     | 15        |
| 39 | Video Streaming Performance in Wireless Hostile Environments. , 2011, , .   |     | 3         |
| 40 | Ubiquitous robust communications for emergency response using multi-operator heterogeneous networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .     | 2.4 | 24        |
| 41 | Anomaly-Based Intrusion Detection Algorithms for Wireless Networks. Lecture Notes in Computer Science, 2010, , 192-203.   | 1.3 | 15        |
| 42 | Performance Evaluation of a PC-based Active Router and Analysis of an Active Secure FTP Application. , 2005, , .  |     | 0         |
| 43 | A system for fault detection and reconfiguration of hardware based active networks. , 0, , .  |     | 0         |