

Alexandros G Fragkiadakis

List of Publications by Year in descending order

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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	A Survey on Security Threats and Detection Techniques in Cognitive Radio Networks. IEEE Communications Surveys and Tutorials, 2013, 15, 428-445.	39.4	351
2	Spectrum Assignment in Cognitive Radio Networks: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 1108-1135.	39.4	316
3	Enabling reliable and secure IoT-based smart city applications. , 2014, , .		45
4	Ubiquitous robust communications for emergency response using multi-operator heterogeneous networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	24
5	A lightweight framework for secure life-logging in smart environments. Information Security Technical Report, 2013, 17, 58-70.	1.3	24
6	Federation of Internet of Things Testbeds for the Realization of a Semantically-Enabled Multi-Domain Data Marketplace. Sensors, 2018, 18, 3375.	3.8	24
7	Adaptive compressive sensing for energy efficient smart objects in IoT applications. , 2014, , .		19
8	Firmware Over-the-air Programming Techniques for IoT Networks - A Survey. ACM Computing Surveys, 2022, 54, 1-36.	23.0	19
9	Anomaly-based intrusion detection of jamming attacks, local versus collaborative detection. Wireless Communications and Mobile Computing, 2013, , n/a-n/a.	1.2	18
10	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
11	The impact of interference on the performance of a multi-path metropolitan wireless mesh network. , 2011, , .		15
12	Securing Cognitive Wireless Sensor Networks: A Survey. International Journal of Distributed Sensor Networks, 2014, 10, 393248.	2.2	15
13	Anomaly-Based Intrusion Detection Algorithms for Wireless Networks. Lecture Notes in Computer Science, 2010, , 192-203.	1.3	15
14	Joint compressed-sensing and matrix-completion for efficient data collection in WSNs. , 2013, , .		12
15	Lightweight and secure encryption using channel measurements. , 2014, , .		12
16	A fog-enabled IoT platform for efficient management and data collection. , 2017, , .		12
17	Rate-Adaptive Compressive Sensing for IoT Applications. , 2015, , .		11
18	Physical-layer intrusion detection for wireless networks using compressed sensing. , 2012, , .		10

#	ARTICLE	IF	CITATIONS
19	ECDSA on Things: IoT Integrity Protection in Practise. Lecture Notes in Computer Science, 2016, , 3-17.	1.3	10
20	An IoT Middleware for Enhanced Security and Privacy: The RERUM Approach. , 2016, , .		9
21	A Network Telescope for Early Warning Intrusion Detection. Lecture Notes in Computer Science, 2014, , 11-22.	1.3	9
22	Denial-of-Service Attacks in Wireless Networks Using Off-the-Shelf Hardware. Lecture Notes in Computer Science, 2014, , 427-438.	1.3	9
23	Designing Secure IoT Architectures for Smart City Applications. , 2017, , 63-87.		7
24	Enhancing compressive sensing encryption in constrained devices using chaotic sequences. , 2016, , .		5
25	Autonomous Maintenance in IoT Networks via Aol-driven Deep Reinforcement Learning. , 2021, , .		5
26	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
27	Secure and Energy-Efficient Life-Logging in Wireless Pervasive Environments. Lecture Notes in Computer Science, 2013, , 306-315.	1.3	4
28	Video Streaming Performance in Wireless Hostile Environments. , 2011, , .		3
29	Experiences with deploying Compressive Sensing and Matrix Completion techniques in IoT devices. , 2014, , .		3
30	Building a Smart City Ecosystem for Third Party Innovation in the City of Heraklion. Progress in IS, 2019, , 19-56.	0.6	3
31	An IoT-based Platform for Supply Chain Monitoring. , 2021, , .		3
32	Incremental firmware update using an efficient differencing algorithm. , 2020, , .		3
33	Experience from testbeds and management platforms towards mesh networking with heterogeneous wireless access. , 2013, , .		2
34	Malicious traffic analysis in wireless sensor networks using advanced signal processing techniques. , 2013, , .		2
35	Enabling Wireless Sensor Nodes for Self-Contained Jamming Detection. Journal of Cyber Security and Mobility, 2014, 3, 133-158.	0.7	1
36	A trust-based scheme employing evidence reasoning for IoT architectures. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
37	A practical implementation of an adaptive Compressive Sensing encryption scheme. , 2016, , .		1
38	A system for fault detection and reconfiguration of hardware based active networks. , 0, , .		0
39	Performance Evaluation of a PC-based Active Router and Analysis of an Active Secure FTP Application. , 2005, , .		0
40	Mathematical modelling of metric-driven routing and resource allocation in wireless mesh networks. , 2014, , .		0
41	A Compilation-and Remote-Programming-as-a-Service Platform for IoT Devices. , 2021, , .		0
42	DTLS Connection Identifiers for Secure Session Resumption in Constrained IoT Devices. , 2021, , .		0
43	Dfinder”An efficient differencing algorithm for incremental programming of constrained IoT devices. Internet of Things (Netherlands), 2022, 17, 100482.	7.7	0