

Gabriele Oligeri

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

368
citations

759233

12
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888059

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g-index

30
all docs

30
docs citations

30
times ranked

277
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptomining makes noise: Detecting cryptojacking via Machine Learning. Computer Communications, 2021, 171, 126-139.	5.1	35
2	PiNcH: An effective, efficient, and robust solution to drone detection via network traffic analysis. Computer Networks, 2020, 168, 107044.	5.1	25
3	Your culture is in your password: An analysis of a demographically-diverse password dataset. Computers and Security, 2018, 77, 427-441.	6.0	24
4	Drive me not: GPS spoofing detection via cellular network. , 2019, , .		24
5	COKE Crypto-Less Over-the-Air Key Establishment. IEEE Transactions on Information Forensics and Security, 2013, 8, 163-173.	6.9	21
6	Strength of Crowd (SOC)â€”Defeating a Reactive Jammer in IoT with Decoy Messages. Sensors, 2018, 18, 3492.	3.8	21
7	Detecting Drones Status via Encrypted Traffic Analysis. , 2019, , .		21
8	Silence is Golden. ACM Transactions on Information and System Security, 2015, 17, 1-24.	4.5	19
9	Measurement-based frame error model for simulating outdoor Wi-Fi networks. IEEE Transactions on Wireless Communications, 2009, 8, 1154-1158.	9.2	18
10	Leveraging Jamming to Help Drones Complete Their Mission. IEEE Access, 2020, 8, 5049-5064.	4.2	18
11	United We Stand: Intrusion Resilience in Mobile Unattended WSNs. IEEE Transactions on Mobile Computing, 2013, 12, 1456-1468.	5.8	16
12	Long-Term Noise Characterization of Narrowband Power Line Communications. IEEE Transactions on Power Delivery, 2022, 37, 365-373.	4.3	15
13	GNSS spoofing detection via opportunistic IRIDIUM signals. , 2020, , .		15
14	EXCHANge: Securing IoT via channel anonymity. Computer Communications, 2019, 134, 14-29.	5.1	13
15	A cyber-physical approach to secret key generation in smart environments. Journal of Ambient Intelligence and Humanized Computing, 2013, 4, 1-16.	4.9	12
16	Sound of guns: digital forensics of gun audio samples meets artificial intelligence. Multimedia Tools and Applications, 2022, 81, 30387-30412.	3.9	12
17	SHAKE: Single HAsH key establishment for resource constrained devices. Ad Hoc Networks, 2013, 11, 288-297.	5.5	11
18	ESC: An efficient, scalable, and crypto-less solution to secure wireless networks. Computer Networks, 2015, 84, 46-63.	5.1	9

#	ARTICLE	IF	CITATIONS
19	NB-PLC Successful Transmission Probability Analysis. , 2019, , .		8
20	KaFHCa: Key-establishment via Frequency Hopping Collisions. , 2021, , .		7
21	Enabling broadcast communications in presence of jamming via probabilistic pairing. Computer Networks, 2017, 116, 33-46.	5.1	6
22	GopJam: Key-less jamming mitigation via gossiping. Journal of Network and Computer Applications, 2018, 123, 57-68.	9.1	3
23	Road Traffic Poisoning of Navigation Apps: Threats and Countermeasures. IEEE Security and Privacy, 2022, 20, 71-79.	1.2	3
24	Loss tolerant video streaming authentication in heterogeneous wireless networks. Computer Communications, 2011, 34, 1307-1315.	5.1	2
25	N-Guard: a Solution to Secure Access to NFC tags. , 2018, , .		2
26	Data Confidentiality for IoT Networks: Cryptographic Gaps and Physical-Layer Opportunities. , 2021, , .		1
27	Localization of a Power-Modulated Jammer. Sensors, 2022, 22, 646.	3.8	1
28	Context-Aware Drone Detection. , 2022, , .		1