

# Ivan Martinovic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12150981/publications.pdf>

Version: 2024-02-01

41  
papers

1,120  
citations

1163117

8  
h-index

940533

16  
g-index

41  
all docs

41  
docs citations

41  
times ranked

918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust Smartphone App Identification via Encrypted Network Traffic Analysis. IEEE Transactions on Information Forensics and Security, 2018, 13, 63-78.	6.9	227
2	AppScanner: Automatic Fingerprinting of Smartphone Apps from Encrypted Network Traffic. , 2016, , .		183
3	Short paper. , 2011, , .		161
4	Secure Key Generation in Sensor Networks Based on Frequency-Selective Channels. IEEE Journal on Selected Areas in Communications, 2013, 31, 1779-1790.	14.0	62
5	Jamming for good. , 2009, , .		55
6	A Practical Man-In-The-Middle Attack on Signal-Based Key Generation Protocols. Lecture Notes in Computer Science, 2012, , 235-252.	1.3	48
7	Secret keys from entangled sensor motes. , 2010, , .		34
8	A <i>k</i> -NN-Based Localization Approach for Crowdsourced Air Traffic Communication Networks. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 1519-1529.	4.7	31
9	Gaining insight on friendly jamming in a real-world IEEE 802.11 network. , 2014, , .		26
10	MalClassifier: Malware family classification using network flow sequence behaviour. , 2018, , .		23
11	Assessing the impact of aviation security on cyber power. , 2016, , .		22
12	MalAlert. Performance Evaluation Review, 2019, 46, 151-154.	0.6	21
13	Snoopy. , 2018, 1, 1-29.		19
14	Friendly Jamming on Access Points: Analysis and Real-World Measurements. IEEE Transactions on Wireless Communications, 2016, 15, 6189-6202.	9.2	18
15	Undermining Privacy in the Aircraft Communications Addressing and Reporting System (ACARS). Proceedings on Privacy Enhancing Technologies, 2018, 2018, 105-122.	2.8	18
16	On key agreement in wireless sensor networks based on radio transmission properties. , 2009, , .		17
17	When Your Fitness Tracker Betrays You: Quantifying the Predictability of Biometric Features Across Contexts. , 2018, , .		15
18	WiFire. , 2011, , .		14

#	ARTICLE	IF	CITATIONS
19	Wireless client puzzles in IEEE 802.11 networks. , 2008, , .		12
20	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
21	On the security and privacy of ACARS. , 2016, , .		12
22	BOTection: Bot Detection by Building Markov Chain Models of Bots Network Behavior. , 2020, , .		12
23	MalPhase: Fine-Grained Malware Detection Using Network Flow Data. , 2021, , .		11
24	Crowdsourcing security for wireless air traffic communications. , 2017, , .		9
25	Utilizing air traffic communications for OSINT on state and government aircraft. , 2018, , .		8
26	Securing the Airâ€œGround Link in Aviation. Profiles in Operations Research, 2020, , 131-154.	0.4	7
27	WiFire. Computer Communication Review, 2011, 41, 456-457.	1.8	6
28	SUDOKU: Secure and usable deployment of keys on wireless sensors. , 2010, , .		5
29	AmbiSec: Securing Smart Spaces Using Entropy Harvesting. Lecture Notes in Computer Science, 2010, , 73-85.	1.3	5
30	Firewalling wireless sensor networks: Security by wireless. , 2008, , .		4
31	Design, implementation, and performance analysis of DiscoSec &#x2014; Service pack for securing WLANs. , 2008, , .		4
32	WiSec 2011 demo. Mobile Computing and Communications Review, 2011, 15, 41-42.	1.7	4
33	Enabling authentic transmissions in WSNs &#x2014; turning jamming against the attacker. , 2008, , .		3
34	Demultiplexing in Network Calculus- A Stochastic Scaling Approach. , 2009, , .		3
35	Understanding realistic attacks on airborne collision avoidance systems. Journal of Transportation Security, 2022, 15, 87-118.	1.4	3
36	WatchAuth: User Authentication and Intent Recognition in Mobile Payments using a Smartwatch. , 2022, , .		3

#	ARTICLE	IF	CITATIONS
37	Minimizing contention through cooperation between densely deployed wireless LANs. <i>Wireless Networks</i> , 2009, 15, 741-754.	3.0	1
38	Chaotic communication improves authentication: protecting WSNs against injection attacks. <i>Security and Communication Networks</i> , 2009, 2, 117-132.	1.5	1
39	Bringing law and order to IEEE 802.11 networksâ€”A case for DiscoSec. <i>Pervasive and Mobile Computing</i> , 2009, 5, 510-525.	3.3	1
40	CompactFlow: A Hybrid Binary Format for Network Flow Data. <i>Lecture Notes in Computer Science</i> , 2020, , 185-201.	1.3	0
41	Security and Privacy Issues of Satellite Communication in the Avlatlon Domain. , 2022, , .		0