Xiaosong Zhang

List of Publications by Year
in descending order

		687363	794594
23 papers	**489** citations	**13** h-index	**19** g-index
23 all docs	**23** docs citations	**23** times ranked	**302** citing authors

#	Article	IF	Citations
1	A robust packet–dropping covert channel for mobile intelligent terminals. International Journal of Intelligent Systems, 2022, 37, 6928-6950.	5.7	2
2	Building a Covert Timing Channel over VoIP via Packet Length. Communications in Computer and Information Science, 2021, , 81-88.	0.5	0
3	A Robust Packet-Dropout Covert Channel over Wireless Networks. IEEE Wireless Communications, 2020, 27, 60-65.	9.0	12
4	Building Undetectable Covert Channels Over Mobile Networks with Machine Learning. Lecture Notes in Computer Science, 2020, , 331-339.	1.3	3
5	A Two-Way VoLTE Covert Channel With Feedback Adaptive to Mobile Network Environment. IEEE Access, 2019, 7, 122214-122223.	4.2	13
6	A VoLTE Covert Channel with Intelligent Confrontation. Journal of Physics: Conference Series, 2019, 1325, 012108.	0.4	0
7	A sensitive network jitter measurement for covert timing channels over interactive traffic. Multimedia Tools and Applications, 2019, 78, 3493-3509.	3.9	35
8	A packet-reordering covert channel over VoLTE voice and video traffics. Journal of Network and Computer Applications, 2019, 126, 29-38.	9.1	37
9	A Hybrid Covert Channel with Feedback over Mobile Networks. Communications in Computer and Information Science, 2019, , 87-94.	0.5	0
10	A Covert Channel Over VoLTE via Adjusting Silence Periods. IEEE Access, 2018, 6, 9292-9302.	4.2	93
11	A code protection scheme by process memory relocation for android devices. Multimedia Tools and Applications, 2018, 77, 11137-11157.	3.9	17
12	Building covert timing channels by packet rearrangement over mobile networks. Information Sciences, 2018, 445-446, 66-78.	6.9	48
13	Cross-cluster asymmetric group key agreement for wireless sensor networks. Science China Information Sciences, 2018, 61, 1.	4.3	23
14	Covert Timing Channels for IoT over Mobile Networks. IEEE Wireless Communications, 2018, 25, 38-44.	9.0	33
15	A Specific–Targeting Asymmetric Group Key Agreement for Cloud Computing. Chinese Journal of Electronics, 2018, 27, 866-872.	1.5	7
16	Multi–domain Lightweight Asymmetric Group Key Agreement. Chinese Journal of Electronics, 2018, 27, 1085-1091.	1.5	7
17	Building packet length covert channel over mobile VoIP traffics. Journal of Network and Computer Applications, 2018, 118, 144-153.	9.1	31
18	A payload-dependent packet rearranging covert channel for mobile VoIP traffic. Information Sciences, 2018, 465, 162-173.	6.9	39

#	Article	IF	Citations
19	Isolating Host Environment by Booting Android from OTG Devices. Chinese Journal of Electronics, 2018, 27, 617-624.	1.5	2
20	An end-to-end covert channel via packet dropout for mobile networks. International Journal of Distributed Sensor Networks, 2018, 14, 155014771877956.	2.2	21
21	Cryptographic key protection against FROST for mobile devices. Cluster Computing, 2017, 20, 2393-2402.	5.0	25
22	A round-optimal lattice-based blind signature scheme for cloud services. Future Generation Computer Systems, 2017, 73, 106-114.	7.5	41
23	A SDIO-Interface Wi-Fi Packet Capture Scheme Based on Android Kernel Extension. , 2017, , .		0