Sencun Zhu

List of Publications by Year
in descending order

39 papers	1,147 citations	840585 11 h-index	794469 19 g-index
39 all docs	39 docs citations	39 times ranked	1043 citing authors

#	Article	IF	Citations
1	Lightweight frame scrambling mechanisms for end–to–end privacy in edge smart surveillance. IET Smart Cities, 2022, 4, 17-35.	1.6	1
2	Towards Automatic Detection of Nonfunctional Sensitive Transmissions in Mobile Applications. IEEE Transactions on Mobile Computing, 2021, 20, 3066-3080.	3.9	8
3	Dynamic Control of Fraud Information Spreading in Mobile Social Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3725-3738.	5.9	44
4	Privacy-Preserving Surveillance as an Edge Service Based on Lightweight Video Protection Schemes Using Face De-Identification and Window Masking. Electronics (Switzerland), 2021, 10, 236.	1.8	24
5	Enforcing Privacy Preservation on Edge Cameras using Lightweight Video Frame Scrambling. IEEE Transactions on Services Computing, 2021, , 1-1.	3.2	2
6	Privacy Risk Analysis and Mitigation of Analytics Libraries in the Android Ecosystem. IEEE Transactions on Mobile Computing, 2020, 19, 1184-1199.	3.9	80
7	Understanding the Manipulation on Recommender Systems through Web Injection. IEEE Transactions on Information Forensics and Security, 2020, 15, 3807-3818.	4.5	5
8	Hybrid Intrusion Detection Mechanisms for Integrated Electronic Systems. , 2020, , .		2
9	LeakDoctor. , 2019, 3, 1-25.		14
10	Keeping Context In Mind: Automating Mobile App Access Control with User Interface Inspection. , 2019, , .		9
11	Detecting Malicious False Frame Injection Attacks on Surveillance Systems at the Edge Using Electrical Network Frequency Signals. Sensors, 2019, 19, 2424.	2.1	19
12	No Peeking through My Windows: Conserving Privacy in Personal Drones. , 2019, , .		9
13	A Lightweight Blockchain-Based Privacy Protection for Smart Surveillance at the Edge. , 2019, , .		37
14	Automated Hybrid Analysis of Android Malware through Augmenting Fuzzing with Forced Execution. IEEE Transactions on Mobile Computing, 2019, 18, 2768-2782.	3.9	14
15	Preserving Location Privacy in Ride-Hailing Service. , 2018, , .		16
16	Android single sign-on security: Issues, taxonomy and directions. Future Generation Computer Systems, 2018, 89, 402-420.	4.9	11
17	Semantics-Based Obfuscation-Resilient Binary Code Similarity Comparison with Applications to Software and Algorithm Plagiarism Detection. IEEE Transactions on Software Engineering, 2017, 43, 1157-1177.	4.3	77
18	Droid-AntiRM. , 2017, , .		17

#	Article	IF	Citations
19	Multi-objective software assignment for active cyber defense. , 2015, , .		1
20	Program Characterization Using Runtime Values and Its Application to Software Plagiarism Detection. IEEE Transactions on Software Engineering, 2015, 41, 925-943.	4.3	30
21	Program Logic Based Software Plagiarism Detection. , 2014, , .		32
22	Permlyzer: Analyzing permission usage in Android applications. , 2013, , .		40
23	An Algorithm for Jammer Localization in Wireless Sensor Networks. , 2012, , .		30
24	A Social Network Based Patching Scheme for Worm Containment in Cellular Networks. Springer Optimization and Its Applications, 2012, , 505-533.	0.6	19
25	Resource-misuse attack detection in delay-tolerant networks. , 2011, , .		15
26	Distributed Access Control with Privacy Support in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3472-3481.	6.1	76
27	Compromise-resilient anti-jamming communication in wireless sensor networks. Wireless Networks, 2011, 17, 1513-1527.	2.0	5
28	SAS: semantics aware signature generation for polymorphic worm detection. International Journal of Information Security, 2011, 10, 269-283.	2.3	11
29	VAN: Vehicle-assisted shortest-time path navigation. , 2010, , .		18
30	Cross-layer Enhanced Source Location Privacy in Sensor Networks. , 2009, , .		31
31	Designing System-Level Defenses against Cellphone Malware. , 2009, , .		38
32	pDCS: Security and Privacy Support for Data-Centric Sensor Networks. IEEE Transactions on Mobile Computing, 2009, 8, 1023-1038.	3.9	29
33	Detecting Software Theft via System Call Based Birthmarks. , 2009, , .		70
34	Distributed Software-based Attestation for Node Compromise Detection in Sensor Networks. , 2007, , .		87
35	A Feasibility Study on Defending Against Ultra-Fast TopologicalWorms. , 2007, , .		16
36	SET: Detecting node clones in sensor networks. , 2007, , .		118

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37	Distributed Software-based Attestation for Node Compromise Detection in Sensor Networks. Proceedings of the IEEE Symposium on Reliable Distributed Systems, 2007, , .	0.0	6
38	A Feasibility Study on Defending Against Ultra-Fast TopologicalWorms. , 2007, , .		1
39	The Sleep Deprivation Attack in Sensor Networks: Analysis and Methods of Defense. International Journal of Distributed Sensor Networks, 2006, 2, 267-287.	1.3	85