

Sencun Zhu

List of Publications by Year in descending order

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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	SET: Detecting node clones in sensor networks. , 2007, , .		118
2	Distributed Software-based Attestation for Node Compromise Detection in Sensor Networks. , 2007, , .		87
3	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
4	Privacy Risk Analysis and Mitigation of Analytics Libraries in the Android Ecosystem. IEEE Transactions on Mobile Computing, 2020, 19, 1184-1199.	3.9	80
5	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
6	Distributed Access Control with Privacy Support in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3472-3481.	6.1	76
7	Detecting Software Theft via System Call Based Birthmarks. , 2009, , .		70
8	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
9	Permyzer: Analyzing permission usage in Android applications. , 2013, , .		40
10	Designing System-Level Defenses against Cellphone Malware. , 2009, , .		38
11	A Lightweight Blockchain-Based Privacy Protection for Smart Surveillance at the Edge. , 2019, , .		37
12	Program Logic Based Software Plagiarism Detection. , 2014, , .		32
13	Cross-layer Enhanced Source Location Privacy in Sensor Networks. , 2009, , .		31
14	An Algorithm for Jammer Localization in Wireless Sensor Networks. , 2012, , .		30
15	Program Characterization Using Runtime Values and Its Application to Software Plagiarism Detection. IEEE Transactions on Software Engineering, 2015, 41, 925-943.	4.3	30
16	pDCS: Security and Privacy Support for Data-Centric Sensor Networks. IEEE Transactions on Mobile Computing, 2009, 8, 1023-1038.	3.9	29
17	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
18	A Social Network Based Patching Scheme for Worm Containment in Cellular Networks. Springer Optimization and Its Applications, 2012, , 505-533.	0.6	19

#	ARTICLE	IF	CITATIONS
19	Detecting Malicious False Frame Injection Attacks on Surveillance Systems at the Edge Using Electrical Network Frequency Signals. <i>Sensors</i> , 2019, 19, 2424.	2.1	19
20	VAN: Vehicle-assisted shortest-time path navigation. , 2010, , .		18
21	Droid-AntiRM. , 2017, , .		17
22	A Feasibility Study on Defending Against Ultra-Fast TopologicalWorms. , 2007, , .		16
23	Preserving Location Privacy in Ride-Hailing Service. , 2018, , .		16
24	Resource-misuse attack detection in delay-tolerant networks. , 2011, , .		15
25	LeakDoctor. , 2019, 3, 1-25.		14
26	Automated Hybrid Analysis of Android Malware through Augmenting Fuzzing with Forced Execution. <i>IEEE Transactions on Mobile Computing</i> , 2019, 18, 2768-2782.	3.9	14
27	SAS: semantics aware signature generation for polymorphic worm detection. <i>International Journal of Information Security</i> , 2011, 10, 269-283.	2.3	11
28	Android single sign-on security: Issues, taxonomy and directions. <i>Future Generation Computer Systems</i> , 2018, 89, 402-420.	4.9	11
29	Keeping Context In Mind: Automating Mobile App Access Control with User Interface Inspection. , 2019, , .		9
30	No Peeking through My Windows: Conserving Privacy in Personal Drones. , 2019, , .		9
31	Towards Automatic Detection of Nonfunctional Sensitive Transmissions in Mobile Applications. <i>IEEE Transactions on Mobile Computing</i> , 2021, 20, 3066-3080.	3.9	8
32	Distributed Software-based Attestation for Node Compromise Detection in Sensor Networks. <i>Proceedings of the IEEE Symposium on Reliable Distributed Systems</i> , 2007, , .	0.0	6
33	Compromise-resilient anti-jamming communication in wireless sensor networks. <i>Wireless Networks</i> , 2011, 17, 1513-1527.	2.0	5
34	Understanding the Manipulation on Recommender Systems through Web Injection. <i>IEEE Transactions on Information Forensics and Security</i> , 2020, 15, 3807-3818.	4.5	5
35	Hybrid Intrusion Detection Mechanisms for Integrated Electronic Systems. , 2020, , .		2
36	Enforcing Privacy Preservation on Edge Cameras using Lightweight Video Frame Scrambling. <i>IEEE Transactions on Services Computing</i> , 2021, , 1-1.	3.2	2

#	ARTICLE	IF	CITATIONS
37	Multi-objective software assignment for active cyber defense. , 2015, , .		1
38	A Feasibility Study on Defending Against Ultra-Fast TopologicalWorms. , 2007, , .		1
39	Lightweight frame scrambling mechanisms for end-to-end privacy in edge smart surveillance. IET Smart Cities, 2022, 4, 17-35.	1.6	1