Debin Gao

List of Publications by Year
in descending order

29 papers	268 citations	1937685 4 h-index
29 all docs	29 docs citations	29 times ranked

1474206 9 g-index
211 citing authors

#	Article	IF	Citations
1	StopWatch. ACM Transactions on Information and System Security, 2014, 17, 1-28.	4.5	36
2	Beyond Output Voting: Detecting Compromised Replicas Using HMM-Based Behavioral Distance. IEEE Transactions on Dependable and Secure Computing, 2009, 6, 96-110.	5.4	29
3	Mitigating access-driven timing channels in clouds using StopWatch. , 2013, , .		29
4	MobiPot. , 2016, , .		19
5	Software Watermarking using Return-Oriented Programming. , 2015, , .		16
6	Launching Return-Oriented Programming Attacks against Randomized Relocatable Executables. , 2011, , .		15
7	Deep-Learning–Based App Sensitive Behavior Surveillance for Android Powered Cyber–Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 5840-5850.	11.3	13
8	Bridging the Gap between Data-Flow and Control-Flow Analysis for Anomaly Detection. , 2008, , .		12
9	HuMan: Creating memorable fingerprints of mobile users. , 2012, , .		11
10	When Function Signature Recovery Meets Compiler Optimization. , 2021, , .		11
11	AppMoD. , 2019, 3, 1-22.		10
12	Towards Dynamically Monitoring Android Applications on Non-rooted Devices in the Wild. , 2018, , .		9
13	SCLib. , 2018, , .		8
14	Integrated Software Fingerprinting via Neural-Network-Based Control Flow Obfuscation. IEEE Transactions on Information Forensics and Security, 2016, 11, 2322-2337.	6.9	7
15	Towards Understanding Android System Vulnerabilities. , 2019, , .		6
16	Replica Placement for Availability in the Worst Case. , 2015, , .		5
17	ReSIL. , 2022, , .		5
18	Control-Flow Carrying Code. , 2019, , .		4

#	Article	IF	Citations
19	On the Effectiveness of Using Graphics Interrupt as a Side Channel for User Behavior Snooping. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3257-3270.	5.4	4
20	Active Warden Attack: On the (In)Effectiveness of Android App Repackage-Proofing. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3508-3520.	5.4	4
21	A novel covert channel detection method in cloud based on XSRM and improved event association algorithm. Security and Communication Networks, 2016, 9, 3543-3557.	1.5	3
22	An empirical study of mobile network behavior and application performance in the wild. , 2019, , .		3
23	Towards ground truthing observations in gray-box anomaly detection. , 2011, , .		2
24	SplitSecond: Flexible Privilege Separation of Android Apps. , 2019, , .		2
25	Scalable online vetting of Android apps for measuring declared SDK versions and their consistency with API calls. Empirical Software Engineering, 2021, 26, 1.	3.9	2
26	On Return Oriented Programming Threats in Android Runtime. , 2017, , .		1
27	Secure Repackage-Proofing Framework for Android Apps Using Collatz Conjecture. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3271-3285.	5.4	1
28	When Program Analysis Meets Bytecode Search: Targeted and Efficient Inter-procedural Analysis of Modern Android Apps in BackDroid. , 2021, , .		1
29	UIPDroid: Unrooted Dynamic Monitor of Android App UIs for Fine-Grained Permission Control. , 2022, , .		0