

Debin Gao

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

268
citations

2148532

4
h-index

1637695

9
g-index

29
all docs

29
docs citations

29
times ranked

233
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.7	4
2	Secure Repackage-Proofing Framework for Android Apps Using Collatz Conjecture. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3271-3285.	3.7	1
3	Active Warden Attack: On the (In)Effectiveness of Android App Repackage-Proofing. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3508-3520.	3.7	4
4	ReSIL, 2022, , .		5
5	UIPDroid: Unrooted Dynamic Monitor of Android App UIs for Fine-Grained Permission Control. , 2022, , .		0
6	Scalable online vetting of Android apps for measuring declared SDK versions and their consistency with API calls. Empirical Software Engineering, 2021, 26, 1.	3.0	2
7	When Function Signature Recovery Meets Compiler Optimization. , 2021, , .		11
8	When Program Analysis Meets Bytecode Search: Targeted and Efficient Inter-procedural Analysis of Modern Android Apps in BackDroid. , 2021, , .		1
9	Deep-Learning-Based App Sensitive Behavior Surveillance for Android Powered Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 5840-5850.	7.2	13
10	Control-Flow Carrying Code. , 2019, , .		4
11	Towards Understanding Android System Vulnerabilities. , 2019, , .		6
12	An empirical study of mobile network behavior and application performance in the wild. , 2019, , .		3
13	SplitSecond: Flexible Privilege Separation of Android Apps. , 2019, , .		2
14	AppMoD. , 2019, 3, 1-22.		10
15	SCLib. , 2018, , .		8
16	Towards Dynamically Monitoring Android Applications on Non-rooted Devices in the Wild. , 2018, , .		9
17	On Return Oriented Programming Threats in Android Runtime. , 2017, , .		1
18	Integrated Software Fingerprinting via Neural-Network-Based Control Flow Obfuscation. IEEE Transactions on Information Forensics and Security, 2016, 11, 2322-2337.	4.5	7

#	ARTICLE	IF	CITATIONS
19	A novel covert channel detection method in cloud based on XSRM and improved event association algorithm. Security and Communication Networks, 2016, 9, 3543-3557.	1.0	3
20	MobiPot. , 2016, , .		19
21	Software Watermarking using Return-Oriented Programming. , 2015, , .		16
22	Replica Placement for Availability in the Worst Case. , 2015, , .		5
23	StopWatch. ACM Transactions on Information and System Security, 2014, 17, 1-28.	4.5	36
24	Mitigating access-driven timing channels in clouds using StopWatch. , 2013, , .		29
25	HuMan: Creating memorable fingerprints of mobile users. , 2012, , .		11
26	Launching Return-Oriented Programming Attacks against Randomized Relocatable Executables. , 2011, , .		15
27	Towards ground truthing observations in gray-box anomaly detection. , 2011, , .		2
28	Beyond Output Voting: Detecting Compromised Replicas Using HMM-Based Behavioral Distance. IEEE Transactions on Dependable and Secure Computing, 2009, 6, 96-110.	3.7	29
29	Bridging the Gap between Data-Flow and Control-Flow Analysis for Anomaly Detection. , 2008, , .		12