# Debin Gao

## List of Publications by Year
in descending order

| 29 papers | 268 citations | 1937685<br>4 h-index | 1474206<br>9 g-index |
|---|---|---|---|
| 29 all docs | 29 docs citations | 29 times ranked | 211 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. | 5.4 | 4 |
| 2 | Secure Repackage-Proofing Framework for Android Apps Using Collatz Conjecture. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3271-3285. | 5.4 | 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. | 5.4 | 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. | 3.9 | 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. | 11.3 | 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. | 6.9 | 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. | 1.5 | 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. | 5.4 | 29 |
| 29 | Bridging the Gap between Data-Flow and Control-Flow Analysis for Anomaly Detection. , 2008, , . | | 12 |