Danfeng Yao

List of Publications by Year
in descending order

33	1,055	1040056	1125743
33 papers	**1,055** citations	**9** h-index	**13** g-index

| **33** all docs | **33** docs citations | **33** times ranked | **855** citing authors |

#	ARTICLE	IF	CITATIONS
1	Prediction of high-performance computing input/output variability and its application to optimization for system configurations. Quality Engineering, 2021, 33, 318-334.	1.1	9
2	Measurable and Deployable Security. , 2021, , .		0
3	Exploitation Techniques for Data-oriented Attacks with Existing and Potential Defense Approaches. ACM Transactions on Privacy and Security, 2021, 24, 1-36.	3.0	8
4	Identifying Mobile Inter-App Communication Risks. IEEE Transactions on Mobile Computing, 2020, 19, 90-102.	5.8	24
5	GPU-Based Static Data-Flow Analysis for Fast and Scalable Android App Vetting. , 2020, , .		5
6	Prioritizing data flows and sinks for app security transformation. Computers and Security, 2020, 92, 101750.	6.0	2
7	CryptoGuard. , 2019, , .		74
8	Needle in a Haystack. , 2018, , .		63
9	Nonparametric Distribution Models for Predicting and Managing Computational Performance Variability. , 2018, , .		4
10	Tutorial: Principles and Practices of Secure Crypto Coding in Java. , 2018, , .		1
11	Data Breach and Multiple Points to Stop It. , 2018, , .		0
12	Collusive Data Leak and More. , 2017, , .		77
13	Anomaly Detection as a Service: Challenges, Advances, and Opportunities. Synthesis Lectures on Information Security Privacy and Trust, 2017, 9, 1-173.	0.3	19
14	Enterprise data breach: causes, challenges, prevention, and future directions. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2017, 7, e1211.	6.8	114
15	Orpheus. , 2017, , .		42
16	Program Analysis of Cryptographic Implementations for Security. , 2017, , .		9
17	A First Look. , 2017, , .		12
18	A Sharper Sense of Self: Probabilistic Reasoning of Program Behaviors for Anomaly Detection with Context Sensitivity. , 2016, , .		26

#	Article	IF	Citations
19	ANASTASIA: ANdroid mAlware detection using STatic analySIs of Applications. , 2016, , .		70
20	Analysis of Code Heterogeneity for High-Precision Classification of Repackaged Malware. , 2016, , .		27
21	Causality reasoning about network events for detecting stealthy malware activities. Computers and Security, 2016, 58, 180-198.	6.0	47
22	Security Optimization of Dynamic Networks with Probabilistic Graph Modeling and Linear Programming. IEEE Transactions on Dependable and Secure Computing, 2016, 13, 474-487.	5.4	41
23	Privacy-Preserving Detection of Sensitive Data Exposure. IEEE Transactions on Information Forensics and Security, 2015, 10, 1092-1103.	6.9	80
24	Rapid and parallel content screening for detecting transformed data exposure. , 2015, , .		8
25	Profiling user-trigger dependence for Android malware detection. Computers and Security, 2015, 49, 255-273.	6.0	90
26	High Precision Screening for Android Malware with Dimensionality Reduction. , 2014, , .		11
27	DNS for Massive-Scale Command and Control. IEEE Transactions on Dependable and Secure Computing, 2013, 10, 143-153.	5.4	53
28	Massive distributed and parallel log analysis for organizational security. , 2013, , .		8
29	CloudSafe: Securing data processing within vulnerable virtualization environments in the cloud. , 2013, , .		5
30	User Intention-Based Traffic Dependence Analysis for Anomaly Detection. , 2012, , .		14
31	A semantics aware approach to automated reverse engineering unknown protocols. , 2012, , .		87
32	Data-Provenance Verification For Secure Hosts. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 173-183.	5.4	24
33	Applications and Security of Next-Generation, User-Centric Wireless Systems. Future Internet, 2010, 2, 190-211.	3.8	1