

# Danfeng Yao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10636294/publications.pdf>

Version: 2024-02-01

33  
papers

1,055  
citations

1040056

9  
h-index

1125743

13  
g-index

33  
all docs

33  
docs citations

33  
times ranked

855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enterprise data breach: causes, challenges, prevention, and future directions. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2017, 7, e1211.	6.8	114
2	Profiling user-trigger dependence for Android malware detection. Computers and Security, 2015, 49, 255-273.	6.0	90
3	A semantics aware approach to automated reverse engineering unknown protocols. , 2012, , .		87
4	Privacy-Preserving Detection of Sensitive Data Exposure. IEEE Transactions on Information Forensics and Security, 2015, 10, 1092-1103.	6.9	80
5	Collusive Data Leak and More. , 2017, , .		77
6	CryptoGuard. , 2019, , .		74
7	ANASTASIA: Android mAlware detection using SStatic analySis of Applications. , 2016, , .		70
8	Needle in a Haystack. , 2018, , .		63
9	DNS for Massive-Scale Command and Control. IEEE Transactions on Dependable and Secure Computing, 2013, 10, 143-153.	5.4	53
10	Causality reasoning about network events for detecting stealthy malware activities. Computers and Security, 2016, 58, 180-198.	6.0	47
11	Orpheus. , 2017, , .		42
12	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
13	Analysis of Code Heterogeneity for High-Precision Classification of Repackaged Malware. , 2016, , .		27
14	A Sharper Sense of Self: Probabilistic Reasoning of Program Behaviors for Anomaly Detection with Context Sensitivity. , 2016, , .		26
15	Data-Provenance Verification For Secure Hosts. IEEE Transactions on Dependable and Secure Computing, 2012, 9, 173-183.	5.4	24
16	Identifying Mobile Inter-App Communication Risks. IEEE Transactions on Mobile Computing, 2020, 19, 90-102.	5.8	24
17	Anomaly Detection as a Service: Challenges, Advances, and Opportunities. Synthesis Lectures on Information Security Privacy and Trust, 2017, 9, 1-173.	0.3	19
18	User Intention-Based Traffic Dependence Analysis for Anomaly Detection. , 2012, , .		14

#	ARTICLE	IF	CITATIONS
19	A First Look. , 2017, , .		12
20	High Precision Screening for Android Malware with Dimensionality Reduction. , 2014, , .		11
21	Program Analysis of Cryptographic Implementations for Security. , 2017, , .		9
22	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
23	Massive distributed and parallel log analysis for organizational security. , 2013, , .		8
24	Rapid and parallel content screening for detecting transformed data exposure. , 2015, , .		8
25	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
26	CloudSafe: Securing data processing within vulnerable virtualization environments in the cloud. , 2013, , .		5
27	GPU-Based Static Data-Flow Analysis for Fast and Scalable Android App Vetting. , 2020, , .		5
28	Nonparametric Distribution Models for Predicting and Managing Computational Performance Variability. , 2018, , .		4
29	Prioritizing data flows and sinks for app security transformation. Computers and Security, 2020, 92, 101750.	6.0	2
30	Applications and Security of Next-Generation, User-Centric Wireless Systems. Future Internet, 2010, 2, 190-211.	3.8	1
31	Tutorial: Principles and Practices of Secure Crypto Coding in Java. , 2018, , .		1
32	Data Breach and Multiple Points to Stop It. , 2018, , .		0
33	Measurable and Deployable Security. , 2021, , .		0