

Donghai Tian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8242643/publications.pdf>

Version: 2024-02-01

20
papers

102
citations

1478505

6
h-index

1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

71
citing authors

#	ARTICLE	IF	CITATIONS
1	MDCHD: A novel malware detection method in cloud using hardware trace and deep learning. Computer Networks, 2021, 198, 108394.	5.1	21
2	BinDeep: A deep learning approach to binary code similarity detection. Expert Systems With Applications, 2021, 168, 114348.	7.6	19
3	A Kernel Rootkit Detection Approach Based on Virtualization and Machine Learning. IEEE Access, 2019, 7, 91657-91666.	4.2	17
4	E-WBM: An Effort-Based Vulnerability Discovery Model. IEEE Access, 2019, 7, 44276-44292.	4.2	12
5	MSYM: A multichannel communication system for android devices. Computer Networks, 2020, 168, 107024.	5.1	8
6	Defeating buffer overflow attacks via virtualization. Computers and Electrical Engineering, 2014, 40, 1940-1950.	4.8	7
7	CMFuzz: context-aware adaptive mutation for fuzzers. Empirical Software Engineering, 2021, 26, 1.	3.9	5
8	iCruiser: An Improved Approach for Concurrent Heap Buffer Overflow Monitoring. IEICE Transactions on Information and Systems, 2014, E97.D, 601-605.	0.7	3
9	KEcruiser: A novel control flow protection for kernel extensions. Future Generation Computer Systems, 2019, 100, 1-9.	7.5	3
10	An Online Approach to Defeating Return-Oriented-Programming Attacks. Lecture Notes in Computer Science, 2017, , 236-247.	1.3	2
11	A policyâ€centric approach to protecting OS kernel from vulnerable LKMs. Software - Practice and Experience, 2018, 48, 1269-1284.	3.6	2
12	Towards time evolved malware identification using two-head neural network. Journal of Information Security and Applications, 2022, 65, 103098.	2.5	2
13	A Practical Method to Confine Sensitive API Invocations on Commodity Hardware. Lecture Notes in Computer Science, 2017, , 145-159.	1.3	1
14	Efficient Shellcode Detection on Commodity Hardware. IEICE Transactions on Information and Systems, 2013, E96.D, 2272-2276.	0.7	0
15	A Virtualization-Based Approach for Application Whitelisting. IEICE Transactions on Information and Systems, 2014, E97.D, 1648-1651.	0.7	0
16	Dynamic Tracking Reinforcement Based on Simplified Control Flow. , 2015, , .		0
17	Binary Obfuscation Based Reassemble. , 2018, , .		0
18	An online approach to defeating ROP attacks^{â€—}. Concurrency Computation Practice and Experience, 2019, 31, e4775.	2.2	0

#	ARTICLE	IF	CITATIONS
19	Semi-Synchronized Non-Blocking Concurrent Kernel Cruising. IEEE Transactions on Cloud Computing, 2022, 10, 1428-1444.	4.4	0
20	MOAFL: Potential Seed Selection with Multi-Objective Particle Swarm Optimization. , 2021, , .		0