

Baolei Mao

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

179
citations

1307594

7
h-index

1588992

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g-index

13
all docs

13
docs citations

13
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Detecting Hardware Trojans with Gate-Level Information-Flow Tracking. Computer, 2016, 49, 44-52.	1.1	70
2	Gate-Level Information Flow Tracking for Security Lattices. ACM Transactions on Design Automation of Electronic Systems, 2014, 20, 1-25.	2.6	29
3	Android Malware Detection Using Fine-Grained Features. Scientific Programming, 2020, 2020, 1-13.	0.7	29
4	Quantitative Analysis of Timing Channel Security in Cryptographic Hardware Design. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 1719-1732.	2.7	11
5	A bottom-up approach to verifiable embedded system information flow security. IET Information Security, 2014, 8, 12-17.	1.7	10
6	Quantifying timing-based information flow in cryptographic hardware. , 2015, , .		9
7	Theorem proof based gate level information flow tracking for hardware security verification. Computers and Security, 2019, 85, 225-239.	6.0	8
8	A formal model for proving hardware timing properties and identifying timing channels. The Integration VLSI Journal, 2020, 72, 123-133.	2.1	7
9	Leaks or Not: A Framework for Evaluating Cache Timing Side Channel Attacks in SGX. , 2018, , .		4
10	Towards Quantified Data Analysis of Information Flow Tracking for Secure System Design. IEEE Access, 2018, 6, 1822-1831.	4.2	2
11	Secure hardware design through bit-tight information flow control. , 2013, , .		0
12	A Simplifying Logic Approach for Gate Level Information Flow Tracking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 302-311.	0.3	0
13	A review of hardware timing channel detection and mitigation. Journal of Physics: Conference Series, 2020, 1634, 012118.	0.4	0