

Topics

#	Title	Root Paper
1	Static Analysis and Formal Verification of OS Kernels	link
2	Synthesizable Open-Source Hardware Design	[1] (chapters 3 and 6) [2] [3] [4]
3	Data Mining and Machine Learning in Mobile/Cybersecurity	[1] [2]
4	Towards Provably Secure Hardware Design	[1] [2]
5	Tools for Verifying Security Properties of Software	link
6	State-of-the art in malicious software targeted at IoT devices	link
7	Security analysis of Smart City environments: attacks and defences	link
8	Intrusion detection and attack mitigation in IoT frameworks	link
9	The rise of IoT malware and telnet attacks	[1] [2]
10	Samsung: "SmartThings is the easy way to turn your home into a smart home". Or the simple way to make your home insecure!	[1] [2] [3]
11	Stuxnet and Friends: Attacks on Industrial Control Systems	link
12	(Cache) Side-Channel Attacks on Intel SGX	link
13	Security features of Real-Time Operating Systems	link
14	Survey on DRAM PUFs: Construction and Attacks	link
15	Survey on Invasive/semi invasive attacks on PUFs	link
16	Malware analysis based on machine learning	link
17	Android Platform Security Architecture	link
18	Automatic Vulnerability Discovery using Fuzzing	link