Ning Zhang

List of Publications by Year
in descending order

17 papers	866 citations	1040056 9 h-index	1474206 9 g-index
17 all docs	17 docs citations	17 times ranked	779 citing authors

#	Article	IF	Citations
1	Blockchain-Empowered Space-Air-Ground Integrated Networks: Opportunities, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2022, 24, 160-209.	39.4	66
2	Decentralized Spectrum Access System: Vision, Challenges, and a Blockchain Solution. IEEE Wireless Communications, 2022, 29, 220-228.	9.0	18
3	PROVES: Establishing Image Provenance using Semantic Signatures. , 2022, , .		0
4	HARM: Hardware-Assisted Continuous Re-randomization for Microcontrollers. , 2022, , .		4
5	Perturbation-Hidden: Enhancement of Vehicular Privacy for Location-Based Services in Internet of Vehicles. IEEE Transactions on Network Science and Engineering, 2021, 8, 2073-2086.	6.4	10
6	Security and Privacy in the Emerging Cyber-Physical World: A Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 1879-1919.	39.4	14
7	Research Challenges for Combined Autonomy, AI, and Real-Time Assurance. , 2021, , .		0
8	PCBChain: Lightweight Reconfigurable Blockchain Primitives for Secure IoT Applications. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2020, 28, 2196-2209.	3.1	17
9	A Survey of Distributed Consensus Protocols for Blockchain Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1432-1465.	39.4	470
10	PrivacyGuard: Enforcing Private Data Usage Control with Blockchain and Attested Off-Chain Contract Execution. Lecture Notes in Computer Science, 2020, , 610-629.	1.3	35
11	SurfingAttack: Interactive Hidden Attack on Voice Assistants Using Ultrasonic Guided Waves. , 2020, , .		52
12	Towards Efficient Fine-Grained Access Control and Trustworthy Data Processing for Remote Monitoring Services in IoT. IEEE Transactions on Information Forensics and Security, 2019, 14, 1830-1842.	6.9	34
13	Memory Forensic Challenges Under Misused Architectural Features. IEEE Transactions on Information Forensics and Security, 2018, 13, 2345-2358.	6.9	14
14	Efficient Signature Generation for Classifying Cross-Architecture IoT Malware. , 2018, , .		44
15	CaSE: Cache-Assisted Secure Execution on ARM Processors. , 2016, , .		61
16	CacheKit: Evading Memory Introspection Using Cache Incoherence. , 2016, , .		21
17	Now You See Me. , 2015, , .		6