Enrico Cambiaso

List of Publications by Year
in descending order

34 papers	608 citations	777949 13 h-index	843174 20 g-index
34 all docs	34 docs citations	34 times ranked	382 citing authors

#	Article	IF	Citations
1	Preventing MQTT Vulnerabilities Using IoT-Enabled Intrusion Detection System. Sensors, 2022, 22, 567.	2.1	24
2	On The Detection Of Adversarial Attacks Through Reliable AI. , 2022, , .		0
3	From Explainable to Reliable Artificial Intelligence. Lecture Notes in Computer Science, 2021, , 255-273.	1.0	4
4	Exploiting Internet of Things Protocols for Malicious Data Exfiltration Activities. IEEE Access, 2021, 9, 104261-104280.	2.6	6
5	A Generative Adversarial Network (GAN) Technique for Internet of Medical Things Data. Sensors, 2021, 21, 3726.	2.1	32
6	Identifying and Mitigating Phishing Attack Threats in IoT Use Cases Using a Threat Modelling Approach. Sensors, 2021, 21, 4816.	2.1	18
7	DoS Attacks in Available MQTT Implementations. , 2021, , .		4
8	SlowTT: A Slow Denial of Service against IoT Networks. Information (Switzerland), 2020, 11, 452.	1.7	17
9	MQTTset, a New Dataset for Machine Learning Techniques on MQTT. Sensors, 2020, 20, 6578.	2.1	107
10	SlowITe, a Novel Denial of Service Attack Affecting MQTT. Sensors, 2020, 20, 2932.	2.1	45
11	Detection and classification of slow DoS attacks targeting network servers. , 2020, , .		5
12	Protecting the ESP8266 Module from Replay Attacks. , 2020, , .		2
13	Introducing the SlowDrop Attack. Computer Networks, 2019, 150, 234-249.	3.2	14
14	Slowcomm: Design, development and performance evaluation of a new slow DoS attack. Journal of Information Security and Applications, 2017, 35, 23-31.	1.8	19
15	Measuring the Energy Consumption of Cyber Security. , 2017, 55, 58-63.		19
16	Remotely Exploiting AT Command Attacks on ZigBee Networks. Security and Communication Networks, 2017, 2017, 1-9.	1.0	19
17	Malware Development on Mobile Environments. , 2016, , .		1
18	Profiling DNS tunneling attacks with PCA and mutual information. Logic Journal of the IGPL, 2016, 24, 957-970.	1.3	13

#	Article	IF	Citations
19	Feature transformation and Mutual Information for DNS tunneling analysis. , 2016, , .		9
20	Are mobile botnets a possible threat? The case of SlowBot Net. Computers and Security, 2016, 58, 268-283.	4.0	22
21	A Network Traffic Representation Model for Detecting Application Layer Attacks. International Journal of Computing and Digital Systems, 2016, 5, 31-42.	0.5	3
22	Understanding DDoS Attacks from Mobile Devices. , 2015, , .		9
23	Designing and Modeling the Slow Next DoS Attack. Advances in Intelligent Systems and Computing, 2015, , 249-259.	0.5	14
24	Detection of DoS attacks through Fourier transform and mutual information. , 2015, , .		12
25	Perpetrate network attacks from mobile devices. , 2015, , .		0
26	Implementation of SlowDroid: Slow DoS Attack Performed by a Smartphone. International Journal of Computing and Digital Systems, 2015, 4, 165-173.	0.5	1
27	An on-line intrusion detection approach to identify low-rate DoS attacks. , 2014, , .		26
28	SlowDroid: Turning a Smartphone into a Mobile Attack Vector. , 2014, , .		9
29	SlowReq: A Weapon for Cyberwarfare Operations. Characteristics, Limits, Performance, Remediations. Advances in Intelligent Systems and Computing, 2014, , 537-546.	0.5	10
30	Mobile Botnets Development: Issues and Solutions. International Journal of Future Computer and Communication, 2014, 3, 385-390.	1.3	9
31	Slow DoS attacks: definition and categorisation. International Journal of Trust Management in Computing and Communications, 2013, 1, 300.	0.1	74
32	A similarity based approach for application DoS attacks detection. , 2013, , .		14
33	Taxonomy of Slow DoS Attacks to Web Applications. Communications in Computer and Information Science, 2012, , 195-204.	0.4	41
34	Mobile executions of Slow DoS attacks. Logic Journal of the IGPL, 0, , jzv043.	1.3	6