

List of Publications by Citations

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Version: 2024-04-10

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22 papers	290 citations	8 h-index	16 g-index
24 ext. papers	395 ext. citations	4.3 avg, IF	3.72 L-index

#	Paper	IF	Citations
22	Data-driven analytics for cyber-threat intelligence and information sharing. <i>Computers and Security</i> , 2017 , 67, 35-58	4.9	53
21	A machine learning-based FinTech cyber threat attribution framework using high-level indicators of compromise. <i>Future Generation Computer Systems</i> , 2019 , 96, 227-242	7.5	41
20	Cyberpulse: A Machine Learning Based Link Flooding Attack Mitigation System for Software Defined Networks. <i>IEEE Access</i> , 2019 , 7, 34885-34899	3.5	40
19	IoTRiskAnalyzer: A Probabilistic Model Checking Based Framework for Formal Risk Analytics of the Internet of Things. <i>IEEE Access</i> , 2017 , 5, 5494-5505	3.5	31
18	EDoS Armor: A cost effective economic denial of sustainability attack mitigation framework for e-commerce applications in cloud environments 2013 ,		24
17	A machine learning framework for investigating data breaches based on semantic analysis of adversary attack patterns in threat intelligence repositories. <i>Future Generation Computer Systems</i> , 2019 , 95, 467-487	7.5	22
16	IoTChecker: A data-driven framework for security analytics of Internet of Things configurations. <i>Computers and Security</i> , 2017 , 70, 199-223	4.9	14
15	CloudNetSim++: A GUI Based Framework for Modeling and Simulation of Data Centers in OMNeT++. <i>IEEE Transactions on Services Computing</i> , 2017 , 10, 506-519	4.8	10
14	Budget constrained optimal security hardening of control networks for critical cyber-infrastructures. <i>International Journal of Critical Infrastructure Protection</i> , 2009 , 2, 13-25	4.1	8
13	A fast and scalable technique for constructing multicast routing trees with optimized quality of service using a firefly based genetic algorithm. <i>Multimedia Tools and Applications</i> , 2016 , 75, 2275-2301	2.5	7
12	A deliberately insecure RDF-based Semantic Web application framework for teaching SPARQL/SPARUL injection attacks and defense mechanisms. <i>Computers and Security</i> , 2016 , 58, 63-82	4.9	6
11	secCloudSim: Secure Cloud Simulator 2014 ,		6
10	Storage schema and ontology-independent SPARQL to HiveQL translation. <i>Journal of Supercomputing</i> , 2015 , 71, 2694-2719	2.5	5
9	SCERMA: A novel framework for automated management of cyber threat response activities. <i>Future Generation Computer Systems</i> , 2020 , 108, 687-708	7.5	4
8	Customer-oriented ranking of cyber threat intelligence service providers. <i>Electronic Commerce Research and Applications</i> , 2020 , 41, 100976	4.6	4
7	Reliable identification of counterfeit medicine using camera equipped mobile phones 2011 ,		3
6	CyberPulse++: A machine learning-based security framework for detecting link flooding attacks in software defined networks. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 3852-3879	8.4	3

5	SOAD: Securing Oncology EMR by Anonymizing DICOM Images 2013 ,		2
4	A generic framework for application streaming service. <i>Computers and Electrical Engineering</i> , 2018 , 66, 149-161	4.3	1
3	Guess who is listening in to the board meeting: on the use of mobile device applications as roving spy bugs. <i>Security and Communication Networks</i> , 2015 , 8, 2813-2825	1.9	1
2	GenInfoGuard--a robust and distortion-free watermarking technique for genetic data. <i>PLoS ONE</i> , 2015 , 10, e0117717	3.7	1
1	TAMEC: Trusted Augmented Mobile Execution on Cloud. <i>Scientific Programming</i> , 2021 , 2021, 1-8	1.4	1