

Xavier Ja Bellekens

List of Publications by Citations

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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.

42
papers

551
citations

10
h-index

22
g-index

47
ext. papers

854
ext. citations

2.2
avg, IF

4.43
L-index

#	Paper	IF	Citations
42	Threat analysis of IoT networks using artificial neural network intrusion detection system 2016 ,		179
41	Cyber security in the age of COVID-19: A timeline and analysis of cyber-crime and cyber-attacks during the pandemic. <i>Computers and Security</i> , 2021 , 105, 102248	4.9	121
40	. <i>IEEE Access</i> , 2020 , 8, 104650-104675	3.5	45
39	Utilising Deep Learning Techniques for Effective Zero-Day Attack Detection. <i>Electronics (Switzerland)</i> , 2020 , 9, 1684	2.6	18
38	Pervasive eHealth services a security and privacy risk awareness survey 2016 ,		18
37	A Review of Cyber-Ranges and Test-Beds: Current and Future Trends. <i>Sensors</i> , 2020 , 20,	3.8	14
36	Machine Learning Approach for Detection of nonTor Traffic 2017 ,		14
35	Creation and Detection of Hardware Trojans Using Non-Invasive Off-The-Shelf Technologies. <i>Electronics (Switzerland)</i> , 2018 , 7, 124	2.6	14
34	Machine Learning Based IoT Intrusion Detection System: An MQTT Case Study (MQTT-IoT-IDS2020 Dataset). <i>Lecture Notes in Networks and Systems</i> , 2021 , 73-84	0.5	11
33	2017 ,		10
32	A Study on Situational Awareness Security and Privacy of Wearable Health Monitoring Devices. <i>International Journal on Cyber Situational Awareness</i> , 2016 , 1, 74-96	1.5	10
31	A Highly-Efficient Memory-Compression Scheme for GPU-Accelerated Intrusion Detection Systems 2014 ,		8
30	Gesture based IoT light control for smart clothing 2016 ,		7
29	CryptoKnight: Generating and Modelling Compiled Cryptographic Primitives. <i>Information (Switzerland)</i> , 2018 , 9, 231	2.6	7
28	Improving SIEM for Critical SCADA Water Infrastructures Using Machine Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 3-19	0.9	6
27	Cyber-Security Internals of a Skoda Octavia vRS: A Hands on Approach. <i>IEEE Access</i> , 2019 , 7, 146057-146069	3.9	6
26	When eHealth meets the internet of things: Pervasive security and privacy challenges 2017 ,		6

25	2018,		6
24	GLoP 2014,		5
23	Interoperability and Integration Testing Methods for IoT Systems: A Systematic Mapping Study. <i>Lecture Notes in Computer Science</i> , 2020 , 93-112	0.9	5
22	Automatic Annotation of Subsea Pipelines using Deep Learning. <i>Sensors</i> , 2020 , 20,	3.8	4
21	Classification of Cattle Behaviours Using Neck-Mounted Accelerometer-Equipped Collars and Convolutional Neural Networks. <i>Sensors</i> , 2021 , 21,	3.8	4
20	A Taxonomy of Malicious Traffic for Intrusion Detection Systems 2018,		4
19	Threat Modeling and Security Issues for the Internet of Things 2019,		3
18	On the importance of cyber-security training for multi-vector energy distribution system operators 2020,		3
17	Defect Detection in Aerospace Sandwich Composite Panels Using Conductive Thermography and Contact Sensors. <i>Sensors</i> , 2020 , 20,	3.8	3
16	Machine Learning Approach for Detection of nonTor Traffic. <i>Journal of Cyber Security and Mobility</i> , 2017 , 6, 171-194	1	2
15	Data remanence and digital forensic investigation for CUDA Graphics Processing Units 2015,		2
14	Cyber Security in the Maritime Industry: A Systematic Survey of Recent Advances and Future Trends. <i>Information (Switzerland)</i> , 2022 , 13, 22	2.6	2
13	A Comprehensive View on Quality Characteristics of the IoT Solutions. <i>EAI/Springer Innovations in Communication and Computing</i> , 2020 , 59-69	0.6	2
12	Labelled Network Capture Generation for Anomaly Detection. <i>Lecture Notes in Computer Science</i> , 2020 , 98-113	0.9	2
11	Strategies for Protecting Intellectual Property when Using CUDA Applications on Graphics Processing Units 2016,		1
10	Knowledge-Based Management Systems for the Police Force 2016,		1
9	From Cyber-Security Deception to Manipulation and Gratification Through Gamification. <i>Lecture Notes in Computer Science</i> , 2019 , 99-114	0.9	1
8	Utilising Flow Aggregation to Classify Benign Imitating Attacks. <i>Sensors</i> , 2021 , 21,	3.8	1

7	Managing knowledge flows in Mauritian multinational corporations: Empirical analysis using the SECI model 2016 ,		1
6	A spatio-temporal entropy-based approach for the analysis of cyber attacks (demo paper) 2018 ,		1
5	A Human-Centred Model for Network Flow Analysis 2018 ,		1
4	Cyber-Security Challenges in Aviation Industry: A Review of Current and Future Trends. <i>Information (Switzerland)</i> , 2022 , 13, 146	2.6	1
3	Quality and Reliability Metrics for IoT Systems: A Consolidated View. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 635-650	0.2	0
2	Selected Code-Quality Characteristics and Metrics for Internet of Things Systems. <i>IEEE Access</i> , 2022 , 10, 46144-46161	3.5	0
1	Mayall: A Framework for Desktop JavaScript Auditing and Post-Exploitation Analysis. <i>Informatics</i> , 2018 , 5, 46	2.2	