Harsha Kumara Kalutarage

List of Publications by Year
in descending order

28	330	1477746 6	1058022 14
papers	citations	h-index	g-index

29	29	29	182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Naive Bayes: applications, variations and vulnerabilities: a review of literature with code snippets for implementation. Soft Computing, 2021, 25, 2277-2293.	2.1	78
2	A survey on wireless body area networks: architecture, security challenges and research opportunities. Computers and Security, 2021, 104, 102211.	4.0	71
3	Android Mobile Malware Detection Using Machine Learning: A Systematic Review. Electronics (Switzerland), 2021, 10, 1606.	1.8	45
4	Detection of Automotive CAN Cyber-Attacks by Identifying Packet Timing Anomalies in Time Windows. , 2018, , .		34
5	Context-aware Anomaly Detector for Monitoring Cyber Attacks on Automotive CAN Bus. , 2019, , .		15
6	Towards a threat assessment framework for apps collusion. Telecommunication Systems, 2017, 66, 417-430.	1.6	13
7	Towards a knowledge-based approach for effective decision-making in railway safety. Journal of Knowledge Management, 2015, 19, 641-659.	3.2	11
8	Detecting stealthy attacks: Efficient monitoring of suspicious activities on computer networks. Computers and Electrical Engineering, 2015, 47, 327-344.	3.0	10
9	The Disintegration Protocol: An Ultimate Technique for Cloud Data Security. , 2016, , .		7
10	Towards an Early Warning System for Network Attacks Using Bayesian Inference. , 2015, , .		5
11	A fuzzy multicriteria aggregation method for data analytics: Application to insider threat monitoring. , 2017, , .		5
12	Nth Order Binary Encoding with Split-Protocol. International Journal of Rough Sets and Data Analysis, 2018, 5, 95-118.	1.0	5
13	Resource Efficient Boosting Method for IoT Security Monitoring. , 2021, , .		5
14	LTMS: A Lightweight Trust Management System for Wireless Medical Sensor Networks. , 2020, , .		5
15	Developing Secured Android Applications by Mitigating Code Vulnerabilities with Machine Learning. , 2022, , .		5
16	Detecting Malicious Collusion Between Mobile Software Applications: The Android TM Case. Data Analytics, 2017, , 55-97.	0.8	4
17	Effective network security monitoring: from attribution to target-centric monitoring. Telecommunication Systems, 2016, 62, 167-178.	1.6	3
18	Anomaly Detection in Network Traffic Using Dynamic Graph Mining with a Sparse Autoencoder. , 2019, , .		2

#	Article	IF	Citations
19	ETAREE: An Effective Trend-Aware Reputation Evaluation Engine for Wireless Medical Sensor Networks. , 2020, , .		2
20	Early Warning Systems for Cyber Defence. Lecture Notes in Computer Science, 2016, , 29-42.	1.0	1
21	Modelling IoT Anomaly Detection. Itnow, 2018, 60, 44-45.	0.1	1
22	Effective Detection of Cyber Attack in a Cyber-Physical Power Grid System. Advances in Intelligent Systems and Computing, 2021, , 812-829.	0.5	1
23	Practical issues in the development of TTS and SR for the Sinhala language. Journal of Science of the University of Kelaniya Sri Lanka, 2011, 3, 63.	0.1	1
24	Automatic segmentation of given set of Sinhala text into syllables for Speech Synthesis. Journal of Science of the University of Kelaniya Sri Lanka, 2011, 3, 53.	0.1	1
25	A new interpretation of primitive Pythagorean triples and a conjecture related to Fermat's Last Theorem. Journal of Science of the University of Kelaniya Sri Lanka, 2011, 3, 93.	0.1	0
26	Feature Trade-Off Analysis for Reconnaissance Detection. Security Science and Technology, 2018, , 95-126.	0.5	0
27	Reducing Computational Cost in IoT Cyber Security: Case Study of Artificial Immune System Algorithm. , 2019, , .		0
28	TrustMod: A Trust Management Module For NS-3 Simulator. , 2021, , .		0