

Victor R KEBANDE

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

849
citations

516710

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h-index

610901

24
g-index

50
all docs

50
docs citations

50
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	A Generic Digital Forensic Investigation Framework for Internet of Things (IoT). , 2016, , .		97
2	A Review of Security Standards and Frameworks for IoT-Based Smart Environments. IEEE Access, 2021, 9, 121975-121995.	4.2	57
3	Diverging deep learning cognitive computing techniques into cyber forensics. Forensic Science International (Online), 2019, 1, 61-67.	1.3	50
4	Novel digital forensic readiness technique in the cloud environment. Australian Journal of Forensic Sciences, 2018, 50, 552-591.	1.2	43
5	Real-time monitoring as a supplementary security component of vigilantism in modern network environments. International Journal of Information Technology (Singapore), 2021, 13, 5-17.	2.7	36
6	Categorization and Organization of Database Forensic Investigation Processes. IEEE Access, 2020, 8, 112846-112858.	4.2	35
7	On digital forensic readiness in the cloud using a distributed agent-based solution: issues and challenges. Australian Journal of Forensic Sciences, 2018, 50, 209-238.	1.2	33
8	Research Challenges and Opportunities in Drone Forensics Models. Electronics (Switzerland), 2021, 10, 1519.	3.1	32
9	Towards the Development of an Integrated Incident Response Model for Database Forensic Investigation Field. IEEE Access, 2020, 8, 145018-145032.	4.2	30
10	On the importance of standardising the process of generating digital forensic reports. Forensic Science International: Reports, 2019, 1, 100008.	0.8	26
11	A Review of Mobile Forensic Investigation Process Models. IEEE Access, 2020, 8, 173359-173375.	4.2	26
12	Adding Digital Forensic Readiness as a Security Component to the IoT Domain. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1.	0.4	24
13	Digital Forensics Subdomains: The State of the Art and Future Directions. IEEE Access, 2021, 9, 152476-152502.	4.2	24
14	Quantifying the need for supervised machine learning in conducting live forensic analysis of emergent configurations (ECO) in IoT environments. Forensic Science International: Reports, 2020, 2, 100122.	0.8	23
15	A Blockchain-Based Multi-Factor Authentication Model for a Cloud-Enabled Internet of Vehicles. Sensors, 2021, 21, 6018.	3.8	22
16	A cognitive approach for botnet detection using Artificial Immune System in the cloud. , 2014, , .		21
17	Towards an Integrated Digital Forensic Investigation Framework for an IoT-Based Ecosystem. , 2018, , .		20
18	Holistic digital forensic readiness framework for IoT-enabled organizations. Forensic Science International: Reports, 2020, 2, 100117.	0.8	19

#	ARTICLE	IF	CITATIONS
19	Face Validation of Database Forensic Investigation Metamodel. Infrastructures, 2021, 6, 13.	2.8	18
20	A generic Digital Forensic Readiness model for BYOD using honeypot technology. , 2016, , .		17
21	Adding event reconstruction to a Cloud Forensic Readiness model. , 2015, , .		16
22	How an IoT-enabled "smart refrigerator" can play a clandestine role in perpetuating cyber-crime. , 2017, , .		15
23	A comparative analysis of digital forensic readiness models using CFRaaS as a baseline. Wiley Interdisciplinary Reviews Forensic Science, 2019, 1, .	2.1	15
24	Industrial internet of things (IIoT) forensics: The forgotten concept in the race towards industry 4.0. Forensic Science International: Reports, 2022, 5, 100257.	0.8	15
25	Ontology-driven perspective of CFRaaS. Wiley Interdisciplinary Reviews Forensic Science, 2020, 2, e1372.	2.1	14
26	Active Machine Learning Adversarial Attack Detection in the User Feedback Process. IEEE Access, 2021, 9, 36908-36923.	4.2	13
27	Realising a Push Button Modality for Video-Based Forensics. Infrastructures, 2021, 6, 54.	2.8	12
28	CVSS Metric-Based Analysis, Classification and Assessment of Computer Network Threats and Vulnerabilities. , 2018, , .		11
29	Cloud-Centric Framework for isolating Big data as forensic evidence from IoT infrastructures. , 2017, , .		10
30	Proactive Forensics: Keystroke Logging from the Cloud as Potential Digital Evidence for Forensic Readiness Purposes. , 2020, , .		10
31	CFRaaS: Architectural design of a Cloud Forensic Readiness as-a-Service Model using NMB solution as a forensic agent. African Journal of Science, Technology, Innovation and Development, 2019, 11, 749-769.	1.6	8
32	Digital forensic readiness in operational cloud leveraging <sc>ISO</sc>/<sc>IEC</sc> 27043 guidelines on security monitoring. Security and Privacy, 2021, 4, e149.	2.7	8
33	Functional Requirements for Adding Digital Forensic Readiness as a Security Component in IoT Environments. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 342.	0.4	6
34	Virtual sensor forensics. , 2020, , .		6
35	A Federated Interactive Learning IoT-Based Health Monitoring Platform. Communications in Computer and Information Science, 2021, , 235-246.	0.5	5
36	A proposed digital forensic investigation framework for an eGovernment structure for Uganda. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
37	Digital forensic readiness intelligence crime repository. Security and Privacy, 2021, 4, e151.	2.7	4
38	Review of Blockchain Forensics Challenges. EAI/Springer Innovations in Communication and Computing, 2022, , 33-50.	1.1	4
39	Forensic Profiling of Cyber-Security Adversaries based on Incident Similarity Measures Interaction Index. , 2018, , .		3
40	Mapping digital forensic application requirement specification to an international standard. Forensic Science International: Reports, 2020, 2, 100137.	0.8	3
41	Finite state machine for cloud forensic readiness as a service (<scp>CFRaaS</scp>) events. Security and Privacy, 2022, 5, e182.	2.7	3
42	Towards a Learning-enabled Virtual Sensor Forensic Architecture Compliant with Edge Intelligence. , 2021, , .		3
43	Scenario-Based Digital Forensic Investigation of Compromised MySQL Database. , 2019, , .		2
44	Error Level Analysis Technique for Identifying JPEG Block Unique Signature for Digital Forensic Analysis. Electronics (Switzerland), 2022, 11, 1468.	3.1	2
45	Towards an e-government framework for the Republic of Uganda. , 2017, , .		1
46	Botnetâ€™s Obfuscated C&C Infrastructure Take-down Approaches Based on Monitoring Centralized Zeus Bot Variantâ€™s Propagation Model. , 2019, , .		0
47	Cursory View of IoT-Forensic Readiness Framework Based on ISO/IEC 27043 Recommendations. Lecture Notes in Networks and Systems, 2021, , 229-239.	0.7	0
48	Opportunistic security architecture for osmotic computing paradigm in dynamic IoT-Edge's resource diffusion. , 2020, , .		0