

Victor R KEBANDE

List of Publications by Year in descending order

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48
papers

849
citations

516215

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610482

24
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50
all docs

50
docs citations

50
times ranked

340
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Blockchain Forensics Challenges. EAI/Springer Innovations in Communication and Computing, 2022, , 33-50.	0.9	4
2	Finite state machine for cloud forensic readiness as a service (<scp>CFRaaS</scp>) events. Security and Privacy, 2022, 5, e182.	1.9	3
3	Industrial internet of things (IIoT) forensics: The forgotten concept in the race towards industry 4.0. Forensic Science International: Reports, 2022, 5, 100257.	0.4	15
4	Error Level Analysis Technique for Identifying JPEG Block Unique Signature for Digital Forensic Analysis. Electronics (Switzerland), 2022, 11, 1468.	1.8	2
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.	1.8	36
6	Cursory View of IoT-Forensic Readiness Framework Based on ISO/IEC 27043 Recommendations. Lecture Notes in Networks and Systems, 2021, , 229-239.	0.5	0
7	Face Validation of Database Forensic Investigation Metamodel. Infrastructures, 2021, 6, 13.	1.4	18
8	Active Machine Learning Adversarial Attack Detection in the User Feedback Process. IEEE Access, 2021, 9, 36908-36923.	2.6	13
9	A Review of Security Standards and Frameworks for IoT-Based Smart Environments. IEEE Access, 2021, 9, 121975-121995.	2.6	57
10	Digital forensic readiness intelligence crime repository. Security and Privacy, 2021, 4, e151.	1.9	4
11	Realising a Push Button Modality for Video-Based Forensics. Infrastructures, 2021, 6, 54.	1.4	12
12	Research Challenges and Opportunities in Drone Forensics Models. Electronics (Switzerland), 2021, 10, 1519.	1.8	32
13	A Blockchain-Based Multi-Factor Authentication Model for a Cloud-Enabled Internet of Vehicles. Sensors, 2021, 21, 6018.	2.1	22
14	Digital forensic readiness in operational cloud leveraging <scp>ISO</scp>/<scp>IEC</scp> 27043 guidelines on security monitoring. Security and Privacy, 2021, 4, e149.	1.9	8
15	A Federated Interactive Learning IoT-Based Health Monitoring Platform. Communications in Computer and Information Science, 2021, , 235-246.	0.4	5
16	Digital Forensics Subdomains: The State of the Art and Future Directions. IEEE Access, 2021, 9, 152476-152502.	2.6	24
17	Towards a Learning-enabled Virtual Sensor Forensic Architecture Compliant with Edge Intelligence. , 2021, , .		3
18	Mapping digital forensic application requirement specification to an international standard. Forensic Science International: Reports, 2020, 2, 100137.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Quantifying the need for supervised machine learning in conducting live forensic analysis of emergent configurations (ECO) in IoT environments. <i>Forensic Science International: Reports</i> , 2020, 2, 100122.	0.4	23
20	Holistic digital forensic readiness framework for IoT-enabled organizations. <i>Forensic Science International: Reports</i> , 2020, 2, 100117.	0.4	19
21	Towards the Development of an Integrated Incident Response Model for Database Forensic Investigation Field. <i>IEEE Access</i> , 2020, 8, 145018-145032.	2.6	30
22	Ontology-driven perspective of CFRaaS. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2020, 2, e1372.	1.2	14
23	A Review of Mobile Forensic Investigation Process Models. <i>IEEE Access</i> , 2020, 8, 173359-173375.	2.6	26
24	Proactive Forensics: Keystroke Logging from the Cloud as Potential Digital Evidence for Forensic Readiness Purposes. , 2020, , .		10
25	Categorization and Organization of Database Forensic Investigation Processes. <i>IEEE Access</i> , 2020, 8, 112846-112858.	2.6	35
26	Opportunistic security architecture for osmotic computing paradigm in dynamic IoT-Edge's resource diffusion. , 2020, , .		0
27	Virtual sensor forensics. , 2020, , .		6
28	Scenario-Based Digital Forensic Investigation of Compromised MySQL Database. , 2019, , .		2
29	Botnet's Obfuscated C&C Infrastructure Take-down Approaches Based on Monitoring Centralized Zeus Bot Variant's Propagation Model. , 2019, , .		0
30	On the importance of standardising the process of generating digital forensic reports. <i>Forensic Science International: Reports</i> , 2019, 1, 100008.	0.4	26
31	A comparative analysis of digital forensic readiness models using CFRaaS as a baseline. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2019, 1, .	1.2	15
32	CFRaaS: Architectural design of a Cloud Forensic Readiness as-a-Service Model using NMB solution as a forensic agent. <i>African Journal of Science, Technology, Innovation and Development</i> , 2019, 11, 749-769.	0.8	8
33	Diverging deep learning cognitive computing techniques into cyber forensics. <i>Forensic Science International (Online)</i> , 2019, 1, 61-67.	0.6	50
34	On digital forensic readiness in the cloud using a distributed agent-based solution: issues and challenges. <i>Australian Journal of Forensic Sciences</i> , 2018, 50, 209-238.	0.7	33
35	Novel digital forensic readiness technique in the cloud environment. <i>Australian Journal of Forensic Sciences</i> , 2018, 50, 552-591.	0.7	43
36	Forensic Profiling of Cyber-Security Adversaries based on Incident Similarity Measures Interaction Index. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
37	CVSS Metric-Based Analysis, Classification and Assessment of Computer Network Threats and Vulnerabilities. , 2018, , .		11
38	Towards an Integrated Digital Forensic Investigation Framework for an IoT-Based Ecosystem. , 2018, , .		20
39	Adding Digital Forensic Readiness as a Security Component to the IoT Domain. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 1.	0.2	24
40	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.	0.2	6
41	Cloud-Centric Framework for isolating Big data as forensic evidence from IoT infrastructures. , 2017, , .		10
42	How an IoT-enabled "smart refrigerator" can play a clandestine role in perpetuating cyber-crime. , 2017, , .		15
43	A proposed digital forensic investigation framework for an eGovernment structure for Uganda. , 2017, , .		4
44	Towards an e-government framework for the Republic of Uganda. , 2017, , .		1
45	A Generic Digital Forensic Investigation Framework for Internet of Things (IoT). , 2016, , .		97
46	A generic Digital Forensic Readiness model for BYOD using honeypot technology. , 2016, , .		17
47	Adding event reconstruction to a Cloud Forensic Readiness model. , 2015, , .		16
48	A cognitive approach for botnet detection using Artificial Immune System in the cloud. , 2014, , .		21