Security Data Collection and Data Analytics in the Inter-

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Citation Report

#	Article	IF	CITATIONS
1	Learning Latent Distribution for Distinguishing Network Traffic in Intrusion Detection System. , 2019, , .		22
2	A Survey on Secure Data Analytics in Edge Computing. IEEE Internet of Things Journal, 2019, 6, 4946-4967.	<b>5.</b> 5	115
3	A reversible sketch-based method for detecting and mitigating amplification attacks. Journal of Network and Computer Applications, 2019, 142, 15-24.	5.8	23
4	Research on the Destructive Capability Metrics of Common Network Attacks. , 2019, , .		O
5	Implementation of Encryption and Decryption Algorithms for Security of Mobile Devices. , 2019, , .		3
6	Data Collection for Security Measurement in Wireless Sensor Networks: A Survey. IEEE Internet of Things Journal, 2019, 6, 2205-2224.	<b>5.</b> 5	131
7	Adaptive security-related data collection with context awareness. Journal of Network and Computer Applications, 2019, 126, 88-103.	5 <b>.</b> 8	24
8	HELAD: A novel network anomaly detection model based on heterogeneous ensemble learning. Computer Networks, 2020, 169, 107049.	3.2	105
9	An Adaptive Network Data Collection System in SDN. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 562-574.	4.9	15
10	A survey on machine learning for data fusion. Information Fusion, 2020, 57, 115-129.	11.7	344
10	A survey on machine learning for data fusion. Information Fusion, 2020, 57, 115-129.  Security Visualization and Active Querying for OT Network., 2020,,.	11.7	344
		11.7	
12	Security Visualization and Active Querying for OT Network., 2020,,.  Estimation of Casting Mold Interfacial Heat Transfer Coefficient in Pressure Die Casting Process by		0
12	Security Visualization and Active Querying for OT Network., 2020, , .  Estimation of Casting Mold Interfacial Heat Transfer Coefficient in Pressure Die Casting Process by Artificial Intelligence Methods. Arabian Journal for Science and Engineering, 2020, 45, 8969-8980.  A statistical pattern based feature extraction method on system call traces for anomaly detection.	1.7	0
12 13	Security Visualization and Active Querying for OT Network., 2020,,.  Estimation of Casting Mold Interfacial Heat Transfer Coefficient in Pressure Die Casting Process by Artificial Intelligence Methods. Arabian Journal for Science and Engineering, 2020, 45, 8969-8980.  A statistical pattern based feature extraction method on system call traces for anomaly detection. Information and Software Technology, 2020, 126, 106348.	3.0	0 12 16
12 13 14	Security Visualization and Active Querying for OT Network., 2020,,.  Estimation of Casting Mold Interfacial Heat Transfer Coefficient in Pressure Die Casting Process by Artificial Intelligence Methods. Arabian Journal for Science and Engineering, 2020, 45, 8969-8980.  A statistical pattern based feature extraction method on system call traces for anomaly detection. Information and Software Technology, 2020, 126, 106348.  Priority-Based Data Collection for UAV-Aided Mobile Sensor Network. Sensors, 2020, 20, 3034.  An Adaptive Security Data Collection and Composition Recognition method for security measurement	1.7 3.0 2.1	0 12 16
12 13 14 15	Security Visualization and Active Querying for OT Network., 2020, , .  Estimation of Casting Mold Interfacial Heat Transfer Coefficient in Pressure Die Casting Process by Artificial Intelligence Methods. Arabian Journal for Science and Engineering, 2020, 45, 8969-8980.  A statistical pattern based feature extraction method on system call traces for anomaly detection. Information and Software Technology, 2020, 126, 106348.  Priority-Based Data Collection for UAV-Aided Mobile Sensor Network. Sensors, 2020, 20, 3034.  An Adaptive Security Data Collection and Composition Recognition method for security measurement over LTE/LTE-A networks. Journal of Network and Computer Applications, 2020, 155, 102549.  The Potential Short- and Long-Term Disruptions and Transformative Impacts of 5G and Beyond Wireless Networks: Lessons Learnt From the Development of a 5G Testbed Environment. IEEE Access,	1.7 3.0 2.1 5.8	0 12 16 13

#	Article	IF	CITATIONS
20	A Comprehensive Survey of Databases and Deep Learning Methods for Cybersecurity and Intrusion Detection Systems. IEEE Systems Journal, 2021, 15, 1717-1731.	2.9	64
21	Big Data Resource Management & Directions. IEEE Communications Surveys and Tutorials, 2021, 23, 2098-2130.	24.8	33
22	Information and Data Security Model: Background, Risks, and Challenges. Lecture Notes in Networks and Systems, 2021, , 859-869.	0.5	0
23	Improving Data Generalization With Variational Autoencoders for Network Traffic Anomaly Detection. IEEE Access, 2021, 9, 56893-56907.	2.6	10
24	SuperSketch: A Multi-Dimensional Reversible Data Structure for Super Host Identification. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2741-2754.	3.7	13
25	Secure Suite: An Open-Source Service for Internet Security. , 2021, , .		1
26	A Sensitive File Abnormal Access Detection Method Based on Application Classification. Security and Communication Networks, 2021, 2021, 1-7.	1.0	0
27	Teaching Management and Monitoring Abnormal Network Behaviors Under COVID-19. International Journal of Distributed Systems and Technologies, 2021, 12, 55-63.	0.6	1
28	SeDID: An SGX-enabled decentralized intrusion detection framework for network trust evaluation. Information Fusion, 2021, 70, 100-114.	11.7	30
29	An Effective Hash-Based Assessment and Recovery Algorithm for Healthcare Systems. Arabian Journal for Science and Engineering, 2022, 47, 1523-1536.	1.7	13
30	Respite for SMEs: A Systematic Review of Socio-Technical Cybersecurity Metrics. Applied Sciences (Switzerland), 2021, 11, 6909.	1.3	9
31	Investigation on Privacy-Preserving Techniques For Personal Data., 2021,,.		5
32	Network traffic classification for data fusion: A survey. Information Fusion, 2021, 72, 22-47.	11.7	67
33	Riemannian manifold on stream data: Fourier transform and entropy-based DDoS attacks detection method. Computers and Security, 2021, 109, 102392.	4.0	10
34	Cloud Security Service for Identifying Unauthorized User Behaviour. Computers, Materials and Continua, 2022, 70, 2581-2600.	1.5	14
36	ExtendedSketch: Fusing Network Traffic for Super Host Identification With a Memory Efficient Sketch. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3913-3924.	3.7	10
37	Network Data Collection, Fusion, Mining and Analytics for Cyber Security. Lecture Notes in Computer Science, 2019, , 1-5.	1.0	1
38	A Survey on Trust Evaluation Based on Machine Learning. ACM Computing Surveys, 2021, 53, 1-36.	16.1	37

#	ARTICLE	IF	Citations
39	Software development for cloud and internet-of-things (IoT) based remotely controlled four-dimensional (4D) electrical resistivity tomography. Instrumentation Science and Technology, 0, , 1-18.	0.9	1
40	Quantifiable Network Security Measurement: A Study Based on an Index System. Lecture Notes in Computer Science, 2019, , 47-62.	1.0	O
41	Detection of Application-Layer Tunnels with Rules and Machine Learning. Lecture Notes in Computer Science, 2019, , 441-455.	1.0	7
42	A Novel Schema for Secure Data Communication over Content-Centric Network in Future Internet Architecture. Advances in Intelligent Systems and Computing, 2019, , 256-265.	0.5	0
43	An Agent-Based Intelligent Data Presentation Mechanism for Multifaceted Analysis. Advances in Intelligent Systems and Computing, 2020, , 587-595.	0.5	0
44	Adaptive Multimode Decision Tree Classification Model Using Effective System Analysis in IDS for 5G and IoT Security Issues. EAI/Springer Innovations in Communication and Computing, 2022, , 141-158.	0.9	1
45	A Survey on Intrusion Detection in Wired and Wireless Network for Future IoT Deployment. Advances in Computer and Electrical Engineering Book Series, 2020, , 119-144.	0.2	0
46	Channel-State-Based Fingerprinting Against Physical Access Attack in Industrial Field Bus Network. IEEE Internet of Things Journal, 2022, 9, 9557-9573.	5.5	7
47	Applications of sketches in network traffic measurement: A survey. Information Fusion, 2022, 82, 58-85.	11.7	13
48	A Survey of Host-Based Advanced Persistent Threat Detection Technology. Computer Science and Application, 2022, 12, 233-251.	0.0	0
49	Charging RF-Energy Harvesting Devices in IoT Networks With Imperfect CSI. IEEE Internet of Things Journal, 2022, 9, 17808-17820.	5 <b>.</b> 5	3
50	Many-Scale Investigations of the Deformation Behavior of Polycrystalline Composites: l—Machine Learning Applied for Image Segmentation. Materials, 2022, 15, 2486.	1.3	1
51	Slider: Towards Precise, Robust and Updatable Sketch-based DDoS Flooding Attack Detection., 2021,,.		3
52	Scalable Blockchain Anomaly Detection with Sketches., 2021,,.		2
53	Table2Vec-automated universal representation learning of enterprise data DNA for benchmarkable and explainable enterprise data science. Scientific Reports, 2021, 11, 23957.	1.6	0
54	Investigation of Threats, Vulnerabilities, Attacks, and Approaches in Wireless Sensor Networks. Advances in IT Standards and Standardization Research Series, 2022, , 147-162.	0.2	1
55	Datadriven false data injection attacks against cyber-physical power systems. Computers and Security, 2022, 121, 102836.	4.0	8
56	An Efficient Hybrid-DNN for DDoS Detection and Classification in Software-Defined IIoT Networks. IEEE Internet of Things Journal, 2023, 10, 8491-8504.	5 <b>.</b> 5	25

#	Article	IF	Citations
57	Machine Learning-Powered Encrypted Network Traffic Analysis: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2023, 25, 791-824.	24.8	15
58	A Survey on Trust Models in Heterogeneous Networks. IEEE Communications Surveys and Tutorials, 2022, 24, 2127-2162.	24.8	14
59	Internet of Things and Data Encryption in the Agricultural Sector using the AES Cryptosystem. , 2022, , .		1
60	Trusted Multi-Domain DDoS Detection Based on Federated Learning. Sensors, 2022, 22, 7753.	2.1	3
61	An augmented twoâ€phase method for spread sampling. Electronics Letters, 0, , .	0.5	0
62	ADCaDeM: A Novel Method of Calculating Attack Damage Based on Differential Manifolds. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 4070-4084.	3.7	1
63	Multiagent-Based Data Presentation Mechanism for Multifaceted Analysis in Network Management Tasks. Sensors, 2022, 22, 8841.	2.1	0
64	A Novel Transfer Learning Model for Intrusion Detection Systems in IoT Networks. , 2023, , 45-65.		O
65	ExtendedSketch+: Super host identification and network host trust evaluation with memory efficiency and high accuracy. Information Fusion, 2023, 92, 300-312.	11.7	2
66	Granular classifier: Building traffic granules for encrypted traffic classification based on granular computing. Digital Communications and Networks, 2022, , .	2.7	2
67	A Comprehensive Survey of Recent Internet Measurement Techniques for Cyber Security. Computers and Security, 2023, 128, 103123.	4.0	20
68	AF-FDS: An Accurate, Fast, and Fine-Grained Detection Scheme for DDoS Attacks in High-Speed Networks With Asymmetric Routing. IEEE Transactions on Network and Service Management, 2023, 20, 4964-4981.	3.2	0
69	IPv4 and IPv6 for Blockchain Networks: a Comparative Analysis. , 2022, , .		2
70	Security Analysis and Improvement of Dual Watermarking Framework for Multimedia Privacy Protection and Content Authentication. Mathematics, 2023, 11, 1689.	1.1	1
74	A Graph Neural Network Detection Scheme forÂMalicious Behavior Knowledge Base. Communications in Computer and Information Science, 2023, , 122-133.	0.4	0
75	Clustering and Visualization of Network Security-Related Data using Elastic Stack., 2023,,.		0
80	Towards Accurate and Efficient Super Spreader Detection with Sketching. , 2023, , .		0
81	Design of Security Defense Mechanism for Worm Virus Attacks in Power Information Networks. , 2023, , .		0

#	Article	IF	CITATIONS
82	Review of DDoS Attack Detection in Big Data with Cloud using Machine Learning., 2023,,.		O
84	CBA Sketch: A Sketching Algorithm Mining Persistent Batches inÂData Streams. Lecture Notes in Computer Science, 2024, , 114-132.	1.0	0