A novel intrusion detection system based on hierarchicamachines

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Citation Report

#	Article	IF	CITATIONS
1	Intrusion detection based on k-means clustering and OneR classification., 2011,,.		44
2	Intrusion detection based on K-Means clustering and Naïve Bayes classification., 2011,,.		53
3	Intrusion detection using feature subset selection based on MLP. Scientific Research and Essays, 2011, 6, 6804-6810.	0.1	16
4	A high contrast and capacity efficient visual cryptography scheme for the encryption of multiple secret images. Optics Communications, 2011, 284, 2730-2741.	1.0	21
5	Data Field for Hierarchical Clustering. International Journal of Data Warehousing and Mining, 2011, 7, 43-63.	0.4	80
6	The Microcosmic Model of Worm Propagation. Computer Journal, 2011, 54, 1700-1720.	1.5	11
7	An effective unsupervised network anomaly detection method. , 2012, , .		28
8	A novel hybrid anomaly based intrusion detection method., 2012,,.		8
9	Hybrid model of selfâ€organizing map and kernel autoâ€associator for internet intrusion detection. International Journal of Intelligent Computing and Cybernetics, 2012, 5, 566-581.	1.6	4
10	Improving the Attack Detection Rate in Network Intrusion Detection using Adaboost Algorithm. Journal of Computer Science, 2012, 8, 1041-1048.	0.5	9
11	Towards reducing false alarms in network intrusion detection systems with data summarization technique. Security and Communication Networks, 2013, 6, 275-285.	1.0	11
12	Efficient intrusion detection using representative instances. Computers and Security, 2013, 39, 255-267.	4.0	20
13	A hierarchical pea-based anomaly detection model. , 2013, , .		0
14	Optimized intrusion detection mechanism using soft computing techniques. Telecommunication Systems, 2013, 52, 2187-2195.	1.6	33
15	Detection of attack strategies. , 2013, , .		4
16	Multi-character cost-effective and high throughput architecture for content scanning. Microprocessors and Microsystems, 2013, 37, 1200-1207.	1.8	5
17	Intrusion detection system: A comprehensive review. Journal of Network and Computer Applications, 2013, 36, 16-24.	5.8	984
18	A Real Time Adaptive Intrusion Detection Alert Classifier for High Speed Networks. , 2013, , .		21

#	Article	IF	CITATIONS
19	Experiments on detection of Denial of Service attacks using Naive Bayesian classifier., 2013,,.		1
20	D0M-WLAN., 2013,,.		0
21	An anticipatory reasoning-reacting system for defending against malice anticipatorily. , 2013, , .		1
22	Evolution of Security Engineering Artifacts. International Journal of Secure Software Engineering, 2014, 5, 48-98.	0.4	11
23	HYBRID FEATURE SELECTION ALGORITHM FOR INTRUSION DETECTION SYSTEM. Journal of Computer Science, 2014, 10, 1015-1025.	0.5	16
25	A novel framework, based on fuzzy ensemble of classifiers for intrusion detection systems. , 2014, , .		18
26	A Collaborative and Adaptive Intrusion Detection Based on SVMs and Decision Trees. , 2014, , .		10
27	Recent Advances on Soft Computing and Data Mining. Advances in Intelligent Systems and Computing, 2014, , .	0.5	3
28	Efficient classification mechanism for network intrusion detection system based on data mining techniques: A survey. , 2014, , .		13
29	MLH-IDS: A Multi-Level Hybrid Intrusion Detection Method. Computer Journal, 2014, 57, 602-623.	1.5	60
30	Towards feature subset selection in intrusion detection. , 2014, , .		8
31	A Novel Hybrid LE and SVM with CV in Intrusion Detection. Applied Mechanics and Materials, 2014, 644-650, 2572-2576.	0.2	O
32	Using response action with intelligent intrusion detection and prevention system against web application malware. Information Management and Computer Security, 2014, 22, 431-449.	1.2	23
33	An Intelligent Technique for Detecting Malicious Users on Mobile Stores. , 2014, , .		O
34	Network Traffic Anomaly Detection Using Adaptive Density-Based Fuzzy Clustering., 2014,,.		6
35	CAC-UA: A Communicating Ant for Clustering to detect unknown attacks. , 2014, , .		3
36	A Novel Feature Selection Approach for Intrusion Detection Data Classification., 2014,,.		24
37	A Survey of Support Vector Machines with Uncertainties. Annals of Data Science, 2014, 1, 293-309.	1.7	34

#	Article	IF	CITATIONS
38	Computer anomaly detection based on the moving averages of the power series distributed random sequence. , 2014 , , .		O
39	Mining network data for intrusion detection through combining SVMs with ant colony networks. Future Generation Computer Systems, 2014, 37, 127-140.	4.9	195
40	Enhancing SVM performance in intrusion detection using optimal feature subset selection based on genetic principal components. Neural Computing and Applications, 2014, 24, 1671-1682.	3.2	59
41	Advantage and drawback of support vector machine functionality. , 2014, , .		115
42	Of daemons and men: A file system approach towards intrusion detection. Applied Soft Computing Journal, 2014, 25, 1-14.	4.1	6
43	A novel hybrid KPCA and SVM with GA model for intrusion detection. Applied Soft Computing Journal, 2014, 18, 178-184.	4.1	335
44	Efficient classification using parallel and scalable compressed model and its application on intrusion detection. Expert Systems With Applications, 2014, 41, 5972-5983.	4.4	40
45	Hybrid network intrusion detection (withdrawal notice). , 2014, , .		0
46	Melanoma detection and classification using SVM based decision support system. , 2015, , .		20
47	An Anomaly Detection Model Based on One-Class SVM to Detect Network Intrusions. , 2015, , .		31
48	Spatial Data Mining. , 2015, , .		38
49	DOS intrusion attack detection by using of improved SVR. , 2015, , .		2
50	A paratactic subjective-objective weighting methods and SVM risk assessment model applied in textile and apparel safety. International Journal of Quality and Reliability Management, 2015, 32, 472-485.	1.3	7
51	Intrusion detection alert management for highâ€speed networks: current researches and applications. Security and Communication Networks, 2015, 8, 4362-4372.	1.0	8
52	LAWRA: a layered wrapper feature selection approach for network attack detection. Security and Communication Networks, 2015, 8, 3459-3468.	1.0	10
53	Hybrid ModifiedK-Means with C4.5 for Intrusion Detection Systems in Multiagent Systems. Scientific World Journal, The, 2015, 2015, 1-14.	0.8	17
54	Shilling Attacks Detection in Recommender Systems Based on Target Item Analysis. PLoS ONE, 2015, 10, e0130968.	1.1	33
55	Fusion of Heterogeneous Intrusion Detection Systems for Network Attack Detection. Scientific World Journal, The, 2015, 2015, 1-8.	0.8	7

#	Article	IF	CITATIONS
56	A new hierarchical intrusion detection system based on a binary tree of classifiers. Information and Computer Security, 2015, 23, 31-57.	1.5	10
58	Extended Fast Search Clustering Algorithm : Widely Density Clusters, No Density Peaks. , 2015, , .		8
59	Visual impression localization of autonomous robots. , 2015, , .		4
60	A cascaded feature selection approach in network intrusion detection. , 2015, , .		O
61	Intrusion Detection System Based on Modified K-means and Multi-level Support Vector Machines. Communications in Computer and Information Science, 2015, , 265-274.	0.4	6
62	LEAPS: Detecting Camouflaged Attacks with Statistical Learning Guided by Program Analysis. , 2015, , .		26
63	MARK-ELM: Application of a novel Multiple Kernel Learning framework for improving the robustness of Network Intrusion Detection. Expert Systems With Applications, 2015, 42, 4062-4080.	4.4	75
64	A comparison on multi-class classification methods based on least squares twin support vector machine. Knowledge-Based Systems, 2015, 81, 131-147.	4.0	123
65	An intrusion detection system based on neural network. , 2015, , .		5
66	Twin Support Vector Machine: A review from 2007 to 2014. Egyptian Informatics Journal, 2015, 16, 55-69.	4.4	75
67	Detection of Attacks for IDS using Association Rule Mining Algorithm. IETE Journal of Research, 2015, 61, 624-633.	1.8	9
68	An efficient and scalable coordinating algorithm for distributed network intrusion detection system. , 2015, , .		0
69	Soft Computing in Data Science. Communications in Computer and Information Science, 2015, , .	0.4	6
70	A novel feature-selection approach based on the cuttlefish optimization algorithm for intrusion detection systems. Expert Systems With Applications, 2015, 42, 2670-2679.	4.4	270
71	A novel SVM by combining kernel principal component analysis and improved chaotic particle swarm optimization for intrusion detection. Soft Computing, 2015, 19, 1187-1199.	2.1	103
72	Web Service Intrusion Detection Using a Probabilistic Framework. Advances in Intelligent Systems and Computing, 2015, , 161-166.	0.5	4
73	Improving Accuracy of Intrusion Detection Model Using PCA and optimized SVM. Journal of Computing and Information Technology, 2016, 24, 133-148.	0.2	57
74	A Survey on Intrusion Detection System: State of the Art Review. Indian Journal of Science and Technology, 2016, 9, .	0.5	8

#	Article	IF	Citations
75	On the Use of Belief Functions to Improve High Performance Intrusion Detection System. , 2016, , .		3
76	Using Quality Threshold distance to detect intrusion in TCP/IP network. , 2016, , .		2
77	Design of Multilevel Hybrid Classifier with Variant Feature Sets for Intrusion Detection System. IEICE Transactions on Information and Systems, 2016, E99.D, 1810-1821.	0.4	21
78	Sequential classifiers for network intrusion detection based on data selection process., 2016,,.		8
79	Opportunistic Probe: An Efficient Adaptive Detection Model for Collaborative Intrusion Detection. , 2016, , .		0
80	Distributed-Intrusion Detection System Using Combination of Ant Colony Optimization (ACO) and Support Vector Machine (SVM)., 2016,,.		5
81	Modified parallel random forest for intrusion detection systems. Journal of Supercomputing, 2016, 72, 2235-2258.	2.4	25
82	Expedite feature extraction for enhanced cloud anomaly detection. , 2016, , .		11
83	Stepwise iterative maximum likelihood clustering approach. BMC Bioinformatics, 2016, 17, 319.	1.2	14
84	Detecting online child grooming conversation. , 2016, , .		12
85	Unsupervised network anomaly detection based on abnormality weights and subspace clustering. , 2016, , .		3
86	SVM-TIA a shilling attack detection method based on SVM and target item analysis in recommender systems. Neurocomputing, 2016, 210, 197-205.	3. 5	76
87	A population-based incremental learning approach with artificial immune system for network intrusion detection. Engineering Applications of Artificial Intelligence, 2016, 51, 171-181.	4.3	58
88	Building an Intrusion Detection System Using a Filter-Based Feature Selection Algorithm. IEEE Transactions on Computers, 2016, 65, 2986-2998.	2.4	436
89	Ensemble based collaborative and distributed intrusion detection systems: A survey. Journal of Network and Computer Applications, 2016, 66, 1-16.	5.8	95
90	A multi-step outlier-based anomaly detection approach to network-wide traffic. Information Sciences, 2016, 348, 243-271.	4.0	86
91	Using ambient intelligence to extend network lifetime in wireless sensor networks. Journal of Ambient Intelligence and Humanized Computing, 2016, 7, 777-788.	3.3	19
92	A novel SVM-kNN-PSO ensemble method for intrusion detection system. Applied Soft Computing Journal, 2016, 38, 360-372.	4.1	354

#	Article	IF	Citations
93	Variational learning of hierarchical infinite generalized Dirichlet mixture models and applications. Soft Computing, 2016, 20, 979-990.	2.1	16
94	A study on intrusion detection using neural networks trained with evolutionary algorithms. Soft Computing, 2017, 21, 2687-2700.	2.1	74
95	Attack's Feature Selection-Based Network Intrusion Detection System Using Fuzzy Control Language. International Journal of Fuzzy Systems, 2017, 19, 316-328.	2.3	18
96	Two-tier network anomaly detection model: a machine learning approach. Journal of Intelligent Information Systems, 2017, 48, 61-74.	2.8	118
97	An evacuation route choice model based on multi-agent simulation in order to prepare Tsunami disasters. Transportmetrica B, 2017, 5, 385-401.	1.4	9
98	Hierarchical Maximum Likelihood Clustering Approach. IEEE Transactions on Biomedical Engineering, 2017, 64, 112-122.	2.5	28
99	Real-time multi-agent system for an adaptive intrusion detection system. Pattern Recognition Letters, 2017, 85, 56-64.	2.6	41
100	A novel weighted support vector machines multiclass classifier based on differential evolution for intrusion detection systems. Information Sciences, 2017, 414, 225-246.	4.0	77
101	Anomaly-based network IDS false alarm filter using cluster-based alarm classification approach. International Journal of Security and Networks, 2017, 12, 13.	0.1	7
102	An effective intrusion detection framework based on SVM with feature augmentation. Knowledge-Based Systems, 2017, 136, 130-139.	4.0	200
103	Cluster-Based Load Balancing for Better Network Security., 2017,,.		5
105	Big Data Analytics for Intrusion Detection System: Statistical Decision-Making Using Finite Dirichlet Mixture Models. Data Analytics, 2017, , 127-156.	0.8	77
106	Dimensionality Reduction for Intrusion Detection Systems in Multi-data Streamsâ€"A Review and Proposal of Unsupervised Feature Selection Scheme. Emergence, Complexity and Computation, 2017, , 467-487.	0.2	14
107	Hybridization of computational intelligence methods for attack detection in computer networks. Journal of Computational Science, 2017, 23, 145-156.	1.5	32
108	Hadoop Based Parallel Binary Bat Algorithm for Network Intrusion Detection. International Journal of Parallel Programming, 2017, 45, 1194-1213.	1.1	27
109	Multi-level hybrid support vector machine and extreme learning machine based on modified K-means for intrusion detection system. Expert Systems With Applications, 2017, 67, 296-303.	4.4	333
110	A Study on Intrusion Detection Using Centroid-Based Classification. Procedia Computer Science, 2017, 124, 672-681.	1,2	14
111	Anomaly based intrusion detection using filter based feature selection on KDD-CUP 99., 2017,,.		26

#	Article	IF	CITATIONS
112	Abnormality prediction in high dimensional dataset among semi supervised learning approaches. , 2017, , .		6
113	2D–EM clustering approach for high-dimensional data through folding feature vectors. BMC Bioinformatics, 2017, 18, 547.	1.2	7
114	Learning mechanisms for anomaly-based intruson detection: Updated review. , 2017, , .		0
115	Divisive hierarchical maximum likelihood clustering. BMC Bioinformatics, 2017, 18, 546.	1.2	23
116	An intrusion detection system based on combining probability predictions of a tree of classifiers. International Journal of Communication Systems, 2018, 31, e3547.	1.6	47
117	A new network intrusion detection algorithm: DAâ€ROSâ€ELM. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 602-612.	0.8	12
118	Distributed Privacy-Preserving Collaborative Intrusion Detection Systems for VANETs. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 148-161.	1.6	116
119	SVM-DT-based adaptive and collaborative intrusion detection. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 108-118.	8.5	89
120	A Parameter-Free Method for the Detection of Web Attacks. Advances in Intelligent Systems and Computing, 2018, , 661-671.	0.5	0
121	Dendron: Genetic trees driven rule induction for network intrusion detection systems. Future Generation Computer Systems, 2018, 79, 558-574.	4.9	82
122	An effective computational technique for taxonomic position of security vulnerability in software development. Journal of Computational Science, 2018, 25, 388-396.	1.5	12
123	Anomaly Detection in Role Administered Relational Databases â€" A Novel Method. , 2018, , .		6
124	A novel method for network intrusion detection based on nonlinear SNE and SVM. International Journal of Artificial Intelligence and Soft Computing, 2018, 6, 265.	0.1	5
125	Machine-Learning Approach to Optimize SMOTE Ratio in Class Imbalance Dataset for Intrusion Detection. Computational Intelligence and Neuroscience, 2018, 2018, 1-11.	1.1	50
126	Malicious behaviour classification in web logs based on an improved Xgboost algorithm. International Journal of Web Engineering and Technology, 2018, 13, 334.	0.1	1
127	Real-time Distributed-Random-Forest-Based Network Intrusion Detection System Using Apache Spark. , 2018, , .		28
128	K-truss decomposition for Scale-Free Graphs at Scale in Distributed Memory. , 2018, , .		15
129	An intelligent neuro-genetic framework for effective intrusion detection. International Journal of Reasoning-based Intelligent Systems, 2018, 10, 224.	0.1	0

#	Article	IF	CITATIONS
130	Hybrid Feature Selection Method using Fisher's Discriminate Ratio to Classify Internet Traffic Data. , 2018, , .		2
131	Using Deep Learning Model for Network Scanning Detection. , 2018, , .		20
132	Anomaly based Intrusion Detection by Heuristics to Predict Intrusion Scope of IOT Network Transactions. International Journal of Engineering and Technology(UAE), 2018, 7, 797.	0.2	0
133	One Intrusion Detection Method Based On Uniformed Conditional Dynamic Mutual Information. , 2018,		4
134	Learning and Applying Ontology for Machine Learning in Cyber Attack Detection. , 2018, , .		13
135	A Comprehensive Review and meta-analysis on Applications of Machine Learning Techniques in Intrusion Detection. Australasian Journal of Information Systems, 0, 22, .	0.3	5
136	An Approach for Host-Based Intrusion Detection System Design Using Convolutional Neural Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 116-126.	0.2	12
137	An Efficient IDS Using Hybrid Magnetic Swarm Optimization in WANETs. IEEE Access, 2018, 6, 29041-29053.	2.6	18
139	Shilling attack detection for recommender systems based on credibility of group users and rating time series. PLoS ONE, 2018, 13, e0196533.	1.1	31
140	Efficient feature extraction for internet data analysis using AS2Vec. , 2018, , .		0
141	Are machine learning based intrusion detection system always secure? An insight into tampered learning. Journal of Intelligent and Fuzzy Systems, 2018, 35, 3635-3651.	0.8	4
142	How to Test an IDS?. , 2018, , .		11
143	Machine learning for network resilience: The start of a journey. , 2018, , .		8
144	Cyber security challenges: An efficient intrusion detection system design. , 2018, , .		11
145	A Detailed Investigation and Analysis of Using Machine Learning Techniques for Intrusion Detection. IEEE Communications Surveys and Tutorials, 2019, 21, 686-728.	24.8	386
146	Behavior Monitoring Using Learning Techniques and Regular-Expressions-Based Pattern Matching. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1289-1302.	4.7	10
147	Anomaly Detection Using Agglomerative Hierarchical Clustering Algorithm. Lecture Notes in Electrical Engineering, 2019, , 475-484.	0.3	11
148	Of daemons and men: reducing false positive rate in intrusion detection systems with file system footprint analysis. Neural Computing and Applications, 2019, 31, 7755-7767.	3.2	4

#	Article	IF	CITATIONS
149	Detecting Intrusive Behaviors using Swarm-based Fuzzy Clustering Approach. Advances in Intelligent Systems and Computing, 2019, , 837-846.	0.5	2
150	A Novel Integrated SVM for Fault Diagnosis Using KPCA and GA. Journal of Physics: Conference Series, 2019, 1207, 012002.	0.3	2
151	Network anomaly detection based on logistic regression of nonlinear chaotic invariants. Journal of Network and Computer Applications, 2019, 148, 102460.	5.8	21
152	An Improved Convolutional Neural Network Model for Intrusion Detection in Networks. , 2019, , .		77
153	A Hybrid Intrusion Detection Method Based on Improved Fuzzy C-Means and Support Vector Machine. , 2019, , .		9
154	Machine Learning Approach to IDS: A Comprehensive Review. , 2019, , .		18
155	Efficient Management of Security for Supporting Intrusion Detection in Ubiquitous and Pervasive Environments. Procedia Computer Science, 2019, 155, 402-409.	1.2	0
156	Design and performance analysis of various feature selection methods for anomaly-based techniques in intrusion detection system. Security and Privacy, 2019, 2, e56.	1.9	6
157	A new hybrid approach for intrusion detection using machine learning methods. Applied Intelligence, 2019, 49, 2735-2761.	3.3	110
158	Applying Catastrophe Theory for Network Anomaly Detection in Cloud Computing Traffic. Security and Communication Networks, 2019, 2019, 1-11.	1.0	10
159	Ensemble-based semi-supervised learning approach for a distributed intrusion detection system. Journal of Cyber Security Technology, 2019, 3, 163-188.	1.8	20
160	Qualitative discrimination of yeast fermentation stages based on an olfactory visualization sensor system integrated with a pattern recognition algorithm. Analytical Methods, 2019, 11, 3294-3300.	1.3	25
161	A novel approach to intrusion detection using SVM ensemble with feature augmentation. Computers and Security, 2019, 86, 53-62.	4.0	118
162	A review of scientific research in defensive cyberspace operation tools and technologies. Journal of Cyber Security Technology, 2019, 3, 1-46.	1.8	11
163	Intelligent Network Awareness. Wireless Networks, 2019, , 31-83.	0.3	0
164	Engineering fast multilevel support vector machines. Machine Learning, 2019, 108, 1879-1917.	3.4	21
165	The Impact of PCA-Scale Improving GRU Performance for Intrusion Detection. , 2019, , .		3
166	An Empirical Investigation of DDoS and Flash Event Detection Using Shannon Entropy, KOAD and SVM Combined. , 2019, , .		6

#	Article	IF	CITATIONS
167	Taxonomy of Security Attacks on Cloud Environment: A Case Study on Telemedicine. , 2019, , .		7
168	Faster Support Vector Machines. , 2019, , 199-210.		6
169	A Semi-Boosted Nested Model With Sensitivity-Based Weighted Binarization for Multi-Domain Network Intrusion Detection. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-27.	2.9	20
170	Novel Intrusion Detection and Prevention for Mobile Ad Hoc Networks: A Single- and Multiattack Case Study. IEEE Consumer Electronics Magazine, 2019, 8, 35-39.	2.3	17
171	An analysis of "A feature reduced intrusion detection system using ANN classifier―by Akashdeep etÂal. expert systems with applications (2017). Expert Systems With Applications, 2019, 130, 79-83.	4.4	17
172	Insider Threat Detection with Long Short-Term Memory. , 2019, , .		29
173	Effective Analysis of Feature Selection Algorithms for Network based Intrusion Detection System. , 2019, , .		2
174	Distributed denial of service attacks detection in cloud computing using extreme learning machine. International Journal of Communication Networks and Distributed Systems, 2019, 23, 328.	0.3	9
175	Supervised Machine Learning Techniques for Efficient Network Intrusion Detection., 2019,,.		14
176	A COMBINATION OF TEMPORAL SEQUENCE LEARNING AND DATA DESCRIPTION FOR ANOMALYBASED NIDS. International Journal of Network Security and Its Applications, 2019, 11, 89-100.	0.4	3
177	A new intelligent intrusion detector based on ensemble of decision trees. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 3347-3359.	3.3	9
178	An Intrusion Detection System Using Unsupervised Feature Selection. , 2019, , .		8
179	MSML: A Novel Multilevel Semi-Supervised Machine Learning Framework for Intrusion Detection System. IEEE Internet of Things Journal, 2019, 6, 1949-1959.	5.5	82
180	A holistic review of Network Anomaly Detection Systems: A comprehensive survey. Journal of Network and Computer Applications, 2019, 128, 33-55.	5.8	211
181	Cyber intrusion detection by combined feature selection algorithm. Journal of Information Security and Applications, 2019, 44, 80-88.	1.8	192
183	An Intrusion Detection Framework Based on Hybrid Multi-Level Data Mining. International Journal of Parallel Programming, 2019, 47, 740-758.	1.1	22
184	Anomaly network-based intrusion detection system using a reliable hybrid artificial bee colony and AdaBoost algorithms. Journal of King Saud University - Computer and Information Sciences, 2019, 31, 541-553.	2.7	118
185	A Two-Layer Dimension Reduction and Two-Tier Classification Model for Anomaly-Based Intrusion Detection in IoT Backbone Networks. IEEE Transactions on Emerging Topics in Computing, 2019, 7, 314-323.	3.2	285

#	ARTICLE	IF	CITATIONS
186	Realâ€time anomaly detection using parallelized intrusion detection architecture for streaming data. Concurrency Computation Practice and Experience, 2020, 32, e5013.	1.4	2
187	Cascaded hybrid intrusion detection model based on SOM and RBF neural networks. Concurrency Computation Practice and Experience, 2020, 32, e5233.	1.4	6
188	Design Frameworks for Wireless Networks. Lecture Notes in Networks and Systems, 2020, , .	0.5	37
189	Integrated Probabilistic Relevancy Classification (PRC) Scheme for Intrusion Detection in SCADA Network. Lecture Notes in Networks and Systems, 2020, , 41-63.	0.5	8
190	Intelligent Secure Ecosystem Based on Metaheuristic and Functional Link Neural Network for Edge of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 1947-1956.	7.2	30
191	A t-SNE based non linear dimension reduction for network intrusion detection. International Journal of Information Technology (Singapore), 2020, 12, 125-134.	1.8	10
192	Analysis of Support Vector Machine-based Intrusion Detection Techniques. Arabian Journal for Science and Engineering, 2020, 45, 2371-2383.	1.7	52
193	Reinforcement-based heterogeneous ensemble for anomaly detection in streaming environment. International Journal of Intelligent Enterprise, 2020, 7, 155.	0.1	0
194	A multilevel hybrid anomaly detection scheme for industrial wireless sensor networks. International Journal of Network Management, 2020, 31, e2144.	1.4	6
195	Combining the OGA with IDS to improve the detection rate. Materials Today: Proceedings, 2020, , .	0.9	1
196	A Hybrid Feature Extraction Network for Intrusion Detection Based on Global Attention Mechanism. , 2020, , .		2
197	An intrusion detection algorithm based on bag representation with ensemble support vector machine in cloud computing. Concurrency Computation Practice and Experience, 2020, 32, e5922.	1.4	20
198	Hybrid fuzzy integrated convolutional neural network (HFICNN) for similarity feature recognition problem in abnormal netflow detection. Neurocomputing, 2020, 415, 332-346.	3.5	9
199	Towards implementing fast and scalable Network Intrusion Detection System using Entropy based Discretization Technique. , 2020, , .		2
200	A Stacked Deep Learning Approach for IoT Cyberattack Detection. Journal of Sensors, 2020, 2020, 1-10.	0.6	20
201	A Survey on Machine Learning Techniques for Cyber Security in the Last Decade. IEEE Access, 2020, 8, 222310-222354.	2.6	187
202	RFA Reinforced Firefly Algorithm to Identify Optimal Feature Subsets for Network IDS. International Journal of Grid and High Performance Computing, 2020, 12, 68-87.	0.7	1
203	Security of Networked Control Systems with Incomplete Information Based on Game Theory. , 2020, , .		0

#	Article	IF	CITATIONS
204	The Use of Ensemble Models for Multiple Class and Binary Class Classification for Improving Intrusion Detection Systems. Sensors, 2020, 20, 2559.	2.1	94
205	A deep learning approach with Bayesian optimization and ensemble classifiers for detecting denial of service attacks. International Journal of Communication Systems, 2020, 33, e4401.	1.6	12
206	Data-Driven Intrusion Detection for Intelligent Internet of Vehicles: A Deep Convolutional Neural Network-Based Method. IEEE Transactions on Network Science and Engineering, 2020, 7, 2219-2230.	4.1	79
207	Attribute Selection and Ensemble Classifier based Novel Approach to Intrusion Detection System. Procedia Computer Science, 2020, 167, 2191-2199.	1.2	23
208	A network intrusion detection system based on convolutional neural network. Journal of Intelligent and Fuzzy Systems, 2020, 38, 7623-7637.	0.8	51
209	An efficient intrusion detection model based on deepFM. , 2020, , .		3
210	Performance Comparison and Current Challenges of Using Machine Learning Techniques in Cybersecurity. Energies, 2020, 13, 2509.	1.6	137
211	A Survey on the Use of Data Clustering for Intrusion Detection System in Cybersecurity. International Journal of Network Security and Its Applications, 2020, 12, 1-18.	0.4	9
212	A novel intrusion detection system based on an optimal hybrid kernel extreme learning machine. Knowledge-Based Systems, 2020, 195, 105648.	4.0	84
213	A novel density-based clustering algorithm using nearest neighbor graph. Pattern Recognition, 2020, 107, 107, 107, 107, 107, 107, 107, 10	5.1	54
214	Investigation of Dual-Flow Deep Learning Models LSTM-FCN and GRU-FCN Efficiency against Single-Flow CNN Models for the Host-Based Intrusion and Malware Detection Task on Univariate Times Series Data. Applied Sciences (Switzerland), 2020, 10, 2373.	1.3	14
216	An adapting soft computing model for intrusion detection system. Computational Intelligence, 2022, 38, 855-875.	2.1	9
217	A Review on Feature Selection and Ensemble Techniques for Intrusion Detection System. International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.5	11
218	Fuzzy Rule-Based Layered Classifier and Entropy-Based Feature Selection for Intrusion Detection System. Advances in Information Security, Privacy, and Ethics Book Series, 2021, , 289-309.	0.4	0
219	A Practical Review on Intrusion Detection Systems by Known Data Mining Methods. Studies in Fuzziness and Soft Computing, 2021, , 189-208.	0.6	0
220	A hybrid network intrusion detection using darwinian particle swarm optimization and stacked autoencoder hoeffding tree. Mathematical Biosciences and Engineering, 2021, 18, 8024-8044.	1.0	5
221	An N-gram Based Deep Learning Method for Network Traffic Classification. Lecture Notes in Computer Science, 2021, , 289-304.	1.0	0
222	Intrusion Detection System Based on an Updated ANN Model. Lecture Notes in Computer Science, 2021, , 472-479.	1.0	0

#	Article	IF	CITATIONS
223	Basic Intrusion Technology of Industrial Internet of Things—Based on Machine Learning. Journal of Physics: Conference Series, 2021, 1738, 012094.	0.3	0
224	Distributed denial of service attacks in cloud: State-of-the-art of scientific and commercial solutions. Computer Science Review, 2021, 39, 100332.	10.2	34
225	An improved harmony search based extreme learning machine for intrusion detection system. Materials Today: Proceedings, 2021, , .	0.9	4
226	A segmented machine learning modeling approach of social media for predicting occupancy. International Journal of Contemporary Hospitality Management, 2021, 33, 2001-2021.	5. 3	27
227	Intrusion Detection System for Cloud Based Software-Defined Networks. Journal of Physics: Conference Series, 2021, 1804, 012007.	0.3	1
228	A comprehensive survey and taxonomy of the SVM-based intrusion detection systems. Journal of Network and Computer Applications, 2021, 178, 102983.	5.8	115
230	Intrusion Detection System Through Advance Machine Learning for the Internet of Things Networks. IT Professional, 2021, 23, 58-64.	1.4	41
231	A Review on Machine Learning Approaches for Network Malicious Behavior Detection in Emerging Technologies. Entropy, 2021, 23, 529.	1.1	20
232	Sodinokibi intrusion detection based on logs clustering and random forest., 2021,,.		1
233	A Survey on Cyber Security IDS using ML Methods. , 2021, , .		3
234	A Lightweight Residual Networks Framework for DDoS Attack Classification Based on Federated Learning. , 2021, , .		12
235	Intrusion detection system using a new fuzzy rule-based classification system based on genetic algorithm. Intelligent Decision Technologies, 2021, 15, 231-237.	0.6	8
236	Detecting multi-stage attacks using sequence-to-sequence model. Computers and Security, 2021, 105, 102203.	4.0	8
237	A geometric-based data reduction approach for large low dimensional datasets: Delaunay triangulation in SVM algorithms. Machine Learning With Applications, 2021, 4, 100025.	3.0	8
238	Network Intrusion Detection Based on Subspace Clustering and BP Neural Network., 2021,,.		0
239	Anomaly-Based Intrusion Detection Systems for Mobile Ad Hoc Networks. International Journal of Systems and Software Security and Protection, 2021, 12, 11-32.	0.2	1
240	A lightweight intelligent network intrusion detection system using OCSVM and Pigeon inspired optimizer. Applied Intelligence, 2022, 52, 3527-3544.	3.3	19
241	Biological Feature Selection and Classification Techniques for Intrusion Detection on BAT. Wireless Personal Communications, 2022, 127, 1763-1785.	1.8	6

#	Article	IF	CITATIONS
242	Comparative assessment of aggregated classification algorithms with the use to mining a cyber-attack dataset. , 2021 , , .		1
243	An edge based hybrid intrusion detection framework for mobile edge computing. Complex & Intelligent Systems, 2022, 8, 3719-3746.	4.0	16
244	A novel wide & Dep transfer learning stacked GRU framework for network intrusion detection. Journal of Information Security and Applications, 2021, 61, 102899.	1.8	28
245	Classification Based on Structural Information in Data. Arabian Journal for Science and Engineering, 2022, 47, 2239-2253.	1.7	1
246	Novel Intrusion Detection System. Lecture Notes in Networks and Systems, 2022, , 685-704.	0.5	0
247	Comprehensive Examination of Network Intrusion Detection Models on Data Science. International Journal of Information Retrieval Research, 2021, 11, 14-40.	0.6	0
248	A bidirectional LSTM deep learning approach for intrusion detection. Expert Systems With Applications, 2021, 185, 115524.	4.4	130
249	A Detailed Analysis on Intrusion Identification Mechanism in Cloud Computing and Datasets. Communications in Computer and Information Science, 2021, , 550-573.	0.4	3
250	Damage Identification of Prefabricated Reinforced Concrete Box Culvert Based on Improved Fuzzy Clustering Algorithm and Acoustic Emission Parameters. Advances in Materials Science and Engineering, 2021, 2021, 1-13.	1.0	4
251	Studying Machine Learning Techniques for Intrusion Detection Systems. Lecture Notes in Computer Science, 2019, , 411-426.	1.0	28
252	CNN-LSTM Neural Networks for Anomalous Database Intrusion Detection in RBAC-Administered Model. Communications in Computer and Information Science, 2019, , 131-139.	0.4	6
253	The Effectiveness of Sampling Methods for the Imbalanced Network Intrusion Detection Data Set. Advances in Intelligent Systems and Computing, 2014, , 613-622.	0.5	8
254	Feature Grouping for Intrusion Detection System Based on Hierarchical Clustering. Lecture Notes in Computer Science, 2014, , 270-280.	1.0	10
256	A Shilling Attack Detection Method Based on SVM and Target Item Analysis in Collaborative Filtering Recommender Systems. Lecture Notes in Computer Science, 2015, , 751-763.	1.0	3
257	An Anomaly Detection Model for Network Intrusions Using One-Class SVM and Scaling Strategy. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 267-278.	0.2	4
258	A Novel Anomaly Detection System Based on HFR-MLR Method. Lecture Notes in Electrical Engineering, 2014, , 279-286.	0.3	4
259	GIS Data Mining. , 2015, , 203-256.		5
260	Building an Ensemble Learning Based Algorithm for Improving Intrusion Detection System. Advances in Intelligent Systems and Computing, 2020, , 635-649.	0.5	8

#	ARTICLE	IF	CITATIONS
261	A Statistical Analysis on KDD Cup'99 Dataset for the Network Intrusion Detection System. Lecture Notes in Networks and Systems, 2020, , 131-157.	0.5	2
262	Feature Selection Based on Cross-Correlation for the Intrusion Detection System. Security and Communication Networks, 2020, 2020, 1-17.	1.0	24
263	A Simple Classifier for Detecting Online Child Grooming Conversation. Telkomnika (Telecommunication Computing Electronics and Control), 2018, 16, 1239.	0.6	6
264	A New Fast and High Performance Intrusion Detection System. International Journal of Security and Its Applications, 2013, 7, 67-80.	0.5	6
265	A Novel Lightweight Hybrid Intrusion Detection Method Using a Combination of Data Mining Techniques. International Journal of Security and Its Applications, 2015, 9, 91-106.	0.5	1
266	A Fusion of Feature Extraction and Feature Selection Technique for Network Intrusion Detection. International Journal of Security and Its Applications, 2016, 10, 151-158.	0.5	7
267	Network Attack Classification and Recognition Using HMM and Improved Evidence Theory. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.5	4
268	Alerts Clustering for Intrusion Detection Systems: Overview and Machine Learning Perspectives. International Journal of Advanced Computer Science and Applications, 2019, 10, .	0.5	7
269	Enhancing the Capability of IDS using Fuzzy Rough Classifier with Genetic Search Feature Reduction. Transactions on Networks and Communications, 2014, 2, 1-13.	0.2	1
270	Intrusion Detection with Machine Learning and Feature Selection Methods. BiliÅŸim Teknolojileri Dergisi, 2018, 11, 175-185.	0.2	15
271	Intelligent Anomaly Detection Techniques for Denial of Service Attacks. International Journal of Computer and Communication Engineering, 2018, 7, 20-31.	0.2	1
272	Feature Selection and Comparison of Classification Algorithms for Intrusion Detection. Anadolu University Journal of Sciences & Technology, 2018, 19, 206-218.	0.2	2
273	Skyline Computation for Improving Na \tilde{A} -ve Bayesian Classifier in Intrusion Detection System. Ingenierie Des Systemes D'Information, 2019, 24, 513-518.	0.5	1
274	Applying Stack Bidirectional LSTM Model to Intrusion Detection. Computers, Materials and Continua, 2020, 65, 309-320.	1.5	15
275	K-Means Clustering and Naive Bayes Classification for Intrusion Detection. Neurology Asia, 2016, 4, 13-25.	0.1	13
276	A K-Means and Naive Bayes Learning Approach for Better Intrusion Detection. Information Technology Journal, 2011, 10, 648-655.	0.3	59
277	AdaBoost Algorithm with Single Weak Classifier in Network Intrusion Detection. Advances in Information Security, Privacy, and Ethics Book Series, 2016, , 259-269.	0.4	1
278	Ensemble Learning Mechanisms for Threat Detection. Advances in Computational Intelligence and Robotics Book Series, 2019, , 240-281.	0.4	8

#	ARTICLE	IF	CITATIONS
279	An Efficient Hybrid Clustering-PSO Algorithm for Anomaly Intrusion Detection. Journal of Software, 2011, 6, .	0.6	21
280	K-Linkage: A New Agglomerative Approach for Hierarchical Clustering. Advances in Electrical and Computer Engineering, 2017, 17, 77-88.	0.5	15
281	Intrusion Detection System based on SVM and Bee Colony. International Journal of Computer Applications, 2015, 111, 27-32.	0.2	8
282	Analysis of Classifier Ensembles for Network Intrusion Detection Systems. Communications on Applied Electronics, 2017, 6, 47-53.	0.4	3
283	Intrusion Detection System using Classification Technique. International Journal of Computer Applications, 2016, 139, 25-28.	0.2	5
284	Cascading of C4.5 Decision Tree and Support Vector Machine for Rule Based Intrusion Detection System. International Journal of Computer Network and Information Security, 2012, 4, 8-20.	1.8	12
285	A Novel Classification Method Using Hybridization of Fuzzy Clustering and Neural Networks for Intrusion Detection. International Journal of Modern Education and Computer Science, 2014, 6, 11-24.	2.4	4
286	Analysis of the Effect of Clustering the Training Data in Naive Bayes Classifier for Anomaly Network Intrusion Detection. Journal of Advances in Computer Networks, 2014, 2, 85-88.	0.2	6
287	A Double-Layered Hybrid Approach for Network Intrusion Detection System Using Combined Naive Bayes and SVM. IEEE Access, 2021, 9, 138432-138450.	2.6	55
288	A Novel Framework for NIDS Using Stacked Ensemble Learning. Advances in Intelligent Systems and Computing, 2022, , 115-127.	0.5	0
289	Faster Support Vector Machines. Journal of Experimental Algorithmics, 2021, 26, 1-21.	0.7	9
290	Maximum correlation based mutual information scheme for intrusion detection in the data networks. Expert Systems With Applications, 2022, 189, 116089.	4.4	15
291	Synthetic Feature Transformation with RBF neural network to improve the Intrusion Detection System Accuracy and Decrease Computational Costs. International Journal of Information and Network Security (IJINS), 2012, 1 , .	0.4	5
292	A STUDY OF THE MODIFIED KDD 99 DATASET BY USING CLASSIFIER ENSEMBLES. IOSR Journal of Engineering, 2012, 02, 961-965.	0.1	2
293	Data Field for Hierarchical Clustering. , 2013, , 303-324.		0
294	Network Intrusion Detection Model based on Fuzzy Support Vector Machine. Journal of Networks, 2013, 8, .	0.4	2
295	A Framework for Simulation of Intrusion Detection System using Support Vector Machine. International Journal of Computer Applications, 2013, 76, 23-30.	0.2	1
296	A Network Intrusion Detection Model Based on K-means Algorithm and Information Entropy. International Journal of Security and Its Applications, 2014, 8, 285-294.	0.5	0

#	Article	IF	CITATIONS
297	Evolution of Security Engineering Artifacts. , 2015, , 1508-1562.		0
298	Towards Using Games Theory to Detect New U2R Attacks. Studies in Computational Intelligence, 2015, , 351-367.	0.7	0
299	A New Hybrid Classification Method for Condensing of Large Datasets: A Case Study in the Field of Intrusion Detection. International Journal of Modern Education and Computer Science, 2015, 7, 32-41.	2.4	1
300	Analysis of Machine Learning Techniques for Intrusion Detection System: A Review. International Journal of Computer Applications, 2015, 119, 19-29.	0.2	7
301	Intrusion Detection System based on Hidden Conditional Random Fields. International Journal of Security and Its Applications, 2015, 9, 321-336.	0.5	0
302	An Evolutionary Algorithm for Making Decision Graphs for Classification Problems. Journal of Robotics, Networking and Artificial Life, 2016, 3, 45.	0.2	0
303	Application of Feature Selection Methods and Ensembles on Network Security Dataset. International Journal of Computer Applications, 2016, 135, 1-5.	0.2	0
304	Comparison of Data Mining Techniques for Building Network Intrusion Detection Models. International Journal of Computer Applications, 2016, 142, 31-34.	0.2	0
305	Research on Data Intrusion Detection Technology based on Fuzzy Algorithmn. International Journal of Security and Its Applications, 2016, 10, 353-364.	0.5	0
306	A IDS Model Based on HGA and Data Mining. Advances in Modelling and Analysis B, 2017, 60, 319-331.	0.2	0
307	Analysis of Intrusion Detection and Classification using Machine Learning Approaches. Smart Moves Journal Ijoscience, 2017, 3, .	0.0	0
308	Network Intrusion Detection Model Based on Bat Optimization Algorithm. Computer Science and Application, 2018, 08, 1650-1656.	0.0	0
309	A Novel Hybrid Data Reduction Strategy and Its Application to Intrusion Detection. Lecture Notes in Computer Science, 2018, , 289-297.	1.0	0
310	An Intrusion Detection System based on Support Vector Machine using Hierarchical Clustering and Genetic Algorithm. The SIJ Transactions on Computer Science Engineering & Its Applications (CSEA), 2018, 06, 08-12.	0.0	2
311	A Review on Intrusion Detection System using Artificial Intelligence Approach. Smart Moves Journal ljoscience, 2018, 4, 6.	0.0	4
312	Cyber intrusion detection on critical infrastructures using fuzzy neural first order hybrid Petri net. Journal of Control, 2018, 12, 63-75.	0.1	0
313	Machine Learning Applications for Anomaly Detection. Advances in Computational Intelligence and Robotics Book Series, 2019, , 49-83.	0.4	1
314	Blending Association Rules for Knowledge Discovery in Big Data. Advances in Wireless Technologies and Telecommunication Book Series, 2019, , 254-271.	0.3	0

#	Article	IF	CITATIONS
315	Veri Madenciliği Algoritmaları ile Yeni Bir Saldırı Tespit Sistemi Tasarımı ve Performans Analizleri. Academic Platform Journal of Engineering and Science, 0, , 1-1.	0.5	1
316	Intrusion detection based on Machine Learning techniques in computer networks. Internet of Things (Netherlands), 2021, 16, 100462.	4.9	47
317	An Improved LSTM Network Intrusion Detection Method. , 2020, , .		4
318	A Two Layer Machine Learning System for Intrusion Detection Based on Random Forest and Support Vector Machine. , 2020, , .		4
319	A Survey on Data-driven Network Intrusion Detection. ACM Computing Surveys, 2022, 54, 1-36.	16.1	45
320	The Detection of Network Intrusion Based on Improved Adaboost Algorithm. , 2020, , .		4
321	A Sequential Detection Method for Intrusion Detection System Based on Artificial Neural Networks. International Journal of Networking and Computing, 2020, 10, 213-226.	0.3	4
322	MLID: Machine Learning-Based Intrusion Detection from Network Transactions of MEMS Integrated Diversified IoT. Advances in Intelligent Systems and Computing, 2020, , 427-442.	0.5	0
323	An Artificial Intelligence Resiliency System (ARS). Studies in Computational Intelligence, 2021, , 617-650.	0.7	0
324	Enhanced-PCA based Dimensionality Reduction and Feature Selection for Real-Time Network Threat Detection. Engineering, Technology & Applied Science Research, 2020, 10, 6270-6275.	0.8	6
325	A Prediction Method of Network Security Situation based on QPSO-SVM. International Journal of Circuits, Systems and Signal Processing, 2020, 14, 815-820.	0.2	0
326	Performance Evaluation of Supervised Ensemble Cyber Situation Perception Models for Computer Network. Advances in Multidisciplinary & Scientific Research Journal Publication, 2021, 12, 1-14.	0.0	0
327	An Intrusion Detection System Based on Hybrid of Particle Swarm Optimization (PSO) and Magnetic Optimization Algorithm (MOA). Lecture Notes in Networks and Systems, 2022, , 579-588.	0.5	1
328	Intrusion Detection Using Principal Component Analysis and Support Vector Machines. , 2020, , .		6
329	Intrusion Detection Based on the Game Theory. , 2021, , .		0
330	Network traffic analysis over clustering-based collective anomaly detection. Computer Networks, 2022, 205, 108760.	3.2	8
331	An Integrated IDS Using ICA-Based Feature Selection and SVM Classification Method. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 255-271.	0.5	2
335	Cyber-Attack Prediction Based on Network Intrusion Detection Systems for Alert Correlation Techniques: A Survey. Sensors, 2022, 22, 1494.	2.1	22

#	Article	IF	CITATIONS
336	χ2-BidLSTM: A Feature Driven Intrusion Detection System Based on χ2 Statistical Model and Bidirectional LSTM. Sensors, 2022, 22, 2018.	2.1	15
337	A Novel Mechanism for Development of Intrusion Detection System with BPNN., 2021,,.		1
338	A Tree Based Machine Learning and Deep Learning Classification for Network Intrusion Detection. European Journal of Science and Technology, 0, , .	0.5	0
339	A Review on Security and Privacy on Computer Networks. International Journal of Advanced Research in Science, Communication and Technology, 0, , 279-281.	0.0	0
341	A detailed survey of denial of service for IoT and multimedia systems: Past, present and futuristic development. Multimedia Tools and Applications, 2022, 81, 19879-19944.	2.6	8
342	Intrusion detection system combined enhanced random forest with SMOTE algorithm. Eurasip Journal on Advances in Signal Processing, 2022, 2022, .	1.0	16
343	Machine Learning Applications for Anomaly Detection. , 2022, , 107-136.		0
344	Entropy-Based Feature Selection for Network Intrusion Detection Systems. Advances in Information Security, Privacy, and Ethics Book Series, 2022, , 201-225.	0.4	1
345	Privacy Intelligence: A Survey on Image Privacy in Online Social Networks. ACM Computing Surveys, 2023, 55, 1-35.	16.1	7
346	Evolving anomaly detection for network streaming data. Information Sciences, 2022, 608, 757-777.	4.0	7
347	Network intrusion detection method based on one-dimensional CNN and GWO-SVM., 2022,,.		2
348	A robust clustering method with noise identification based on directed K-nearest neighbor graph. Neurocomputing, 2022, 508, 19-35.	3.5	8
349	Federated learning for intrusion detection in IoT security: a hybrid ensemble approach. International Journal of Internet of Things and Cyber-Assurance, 2022, 2, 62.	0.7	8
350	Intrusion Detection using Dense Neural Network in Network System. , 2022, , .		0
351	Multiresolution hierarchical support vector machine for classification of large datasets. Knowledge and Information Systems, 0, , .	2.1	0
352	Geospatial modeling using hybrid machine learning approach for flood susceptibility. Earth Science Informatics, 2022, 15, 2619-2636.	1.6	3
353	HIDM: A Hybrid Intrusion Detection Model for Cloud Based Systems. Wireless Personal Communications, 2023, 128, 2637-2666.	1.8	5
354	A novel adaptive optimization framework for SVM hyper-parameters tuning in non-stationary environment: A case study on intrusion detection system. Expert Systems With Applications, 2023, 213, 119189.	4.4	7

#	Article	IF	CITATIONS
355	Learning graph deep autoencoder for anomaly detection in multi-attributed networks. Knowledge-Based Systems, 2023, 260, 110084.	4.0	5
356	Survey on Methodology of Intrusion Detection in Industrial Control System Based on Artificial Intelligence. , 2022, , .		1
357	Cross-domain network attack detection enabled by heterogeneous transfer learning. Computer Networks, 2023, 227, 109692.	3.2	1
359	METHOD OF FORMING ASSOCIATIVE RULES FROM THE SIEM DATABASE BASED ON FUZZY SET THEORY AND LINGUISTIC TERMS. Cybersecurity Education Science Technique, 2023, 3, 20-33.	0.1	0
360	A new two-phase intrusion detection system with Na \tilde{A} -ve Bayes machine learning for data classification and elliptic envelop method for anomaly detection. Decision Analytics Journal, 2023, 7, 100233.	2.7	9
361	Intrusion Detection in IoT-Based Healthcare Using ML and DL Approaches: A Case Study. Advanced Technologies and Societal Change, 2023, , 271-294.	0.8	2
365	TReLU: A Novel Activation Function for Modern Day Intrusion Detection System Using Deep Neural Networks. , 2023, , .		0