

Mamoun Alazab

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3319004/mamoun-alazab-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

238
papers

5,638
citations

40
h-index

65
g-index

258
ext. papers

8,900
ext. citations

5
avg, IF

7.2
L-index

#	Paper	IF	Citations
238	A Comprehensive Survey on Computer Forensics: State-of-the-Art, Tools, Techniques, Challenges, and Future Directions. <i>IEEE Access</i> , 2022 , 10, 11065-11089	3.5	5
237	Can Blockchain be Trusted in Industry 4.0? Study of a Novel Misleading Attack on Bitcoin. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	0
236	Federated learning enabled digital twins for smart cities: Concepts, recent advances, and future directions. <i>Sustainable Cities and Society</i> , 2022 , 79, 103663	10.1	18
235	Joint Optimal Quantization and Aggregation of Federated Learning Scheme in VANETs. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-12	6.1	1
234	FL-PMI: Federated Learning-Based Person Movement Identification through Wearable Devices in Smart Healthcare Systems.. <i>Sensors</i> , 2022 , 22,	3.8	6
233	AI-based quality of service optimization for multimedia transmission on Internet of Vehicles (IoV) systems. <i>Sustainable Energy Technologies and Assessments</i> , 2022 , 52, 102055	4.7	2
232	A deep learning architecture for power management in smart cities. <i>Energy Reports</i> , 2022 , 8, 1568-1577	4.6	1
231	Integration of fuzzy-weighted zero-inconsistency and fuzzy decision by opinion score methods under a q-rung orthopair environment: A distribution case study of COVID-19 vaccine doses. <i>Computer Standards and Interfaces</i> , 2022 , 80, 103572	3.5	17
230	DisBezant: Secure and Robust Federated Learning Against Byzantine Attack in IoT-Enabled MTS. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-11	6.1	0
229	A Model-Based Method for Enabling Source Mapping and Intrusion Detection on Proprietary Can Bus. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-11	6.1	0
228	InfusedHeart: A Novel Knowledge-Infused Learning Framework for Diagnosis of Cardiovascular Events. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 1-10	4.5	4
227	User-Defined Privacy-Preserving Traffic Monitoring Against n-by-1 Jamming Attack. <i>IEEE/ACM Transactions on Networking</i> , 2022 , 1-14	3.8	1
226	Situation-aware BDI Reasoning to Detect Early Symptoms of Covid 19 using Smartwatch. <i>IEEE Sensors Journal</i> , 2022 , 1-1	4	6
225	Zero knowledge proofs based authenticated key agreement protocol for sustainable healthcare. <i>Sustainable Cities and Society</i> , 2022 , 80, 103766	10.1	2
224	AI-Enabled Task Offloading for Improving Quality of Computational Experience in Ultra Dense Networks. <i>ACM Transactions on Internet Technology</i> , 2022 , 22, 1-17	3.8	3
223	Data Freshness Optimization Under CAA in the UAV-Aided MECN: A Potential Game Perspective. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-10	6.1	2
222	Transfer Learning-Aided Collaborative Computational Method for Intelligent Transportation System Applications. <i>IEEE Transactions on Green Communications and Networking</i> , 2022 , 1-1	4	0

221	Incentive Mechanisms for Smart Grid: State of the Art, Challenges, Open Issues, Future Directions. <i>Big Data and Cognitive Computing</i> , 2022 , 6, 47	3.5	3
220	Latest trends of security and privacy in recommender systems: A comprehensive review and future perspectives. <i>Computers and Security</i> , 2022 , 118, 102746	4.9	4
219	Adversarial malware sample generation method based on the prototype of deep learning detector. <i>Computers and Security</i> , 2022 , 119, 102762	4.9	1
218	AFFIRM: Provably Forward Privacy for Searchable Encryption in Cooperative Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-12	6.1	1
217	Eunomia: Anonymous and Secure Vehicular Digital Forensics based on Blockchain. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	5
216	Genetic CFL: Hyperparameter Optimization in Clustered Federated Learning. <i>Computational Intelligence and Neuroscience</i> , 2021 , 2021, 7156420	3	8
215	Towards Energy Efficient Approx Cache-coherence Protocol Verified using Model Checker. <i>Computers and Electrical Engineering</i> , 2021 , 107482	4.3	0
214	A Decentralized Mechanism Based on Differential Privacy for Privacy-Preserving Computation in Smart Grid. <i>IEEE Transactions on Computers</i> , 2021 , 1-1	2.5	1
213	PPVF: Privacy-Preserving Protocol for Vehicle Feedback in Cloud-Assisted VANET. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-13	6.1	15
212	Federated Learning for Cybersecurity: Concepts, Challenges and Future Directions. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	21
211	DURLD: Malicious URL Detection Using Deep Learning-Based Character Level Representations 2021 , 535-554		8
210	A Survey of Intelligent Techniques for Android Malware Detection 2021 , 121-162		3
209	Review of the Malware Categorization in the Era of Changing Cybethreats Landscape: Common Approaches, Challenges and Future Needs 2021 , 71-96		2
208	A Novel Deep Learning Model to Secure Internet of Things in Healthcare. <i>Studies in Computational Intelligence</i> , 2021 , 341-353	0.8	5
207	Spam Emails Detection Based on Distributed Word Embedding with Deep Learning. <i>Studies in Computational Intelligence</i> , 2021 , 161-189	0.8	17
206	AndroShow: A Large Scale Investigation to Identify the Pattern of Obfuscated Android Malware. <i>Studies in Computational Intelligence</i> , 2021 , 191-216	0.8	2
205	IntAnti-Phish: An Intelligent Anti-Phishing Framework Using Backpropagation Neural Network. <i>Studies in Computational Intelligence</i> , 2021 , 217-230	0.8	3
204	Deep Learning Techniques for Behavioral Malware Analysis in Cloud IaaS 2021 , 269-285		5

203	On Designing a Lesser Obtrusive Authentication Protocol to Prevent Machine-Learning-Based Threats in Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3255-3267	10.7	3
202	RSS: An Energy-Efficient Approach for Securing IoT Service Protocols Against the DoS Attack. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3619-3635	10.7	15
201	Holistic big data integrated artificial intelligent modeling to improve privacy and security in data management of smart cities. <i>Microprocessors and Microsystems</i> , 2021 , 81, 103722	2.4	21
200	Hand gesture classification using a novel CNN-crow search algorithm. <i>Complex & Intelligent Systems</i> , 2021 , 7, 1855	7.1	51
199	CANintelliIDS: Detecting In-Vehicle Intrusion Attacks on a Controller Area Network Using CNN and Attention-Based GRU. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 1456-1466	4.9	53
198	A Novel UAV-Enabled Data Collection Scheme for Intelligent Transportation System Through UAV Speed Control. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 2100-2110	6.1	30
197	. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 4037-4050	6.8	7
196	Interval type 2 trapezoidal-fuzzy weighted with zero inconsistency combined with VIKOR for evaluating smart e-tourism applications. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 4723-4774	8.4	23
195	Intelligent Dynamic Malware Detection using Machine Learning in IP Reputation for Forensics Data Analytics. <i>Future Generation Computer Systems</i> , 2021 , 118, 124-141	7.5	28
194	Betalogger: Smartphone Sensor-based Side-channel Attack Detection and Text Inference Using Language Modeling and Dense MultiLayer Neural Network. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2021 , 20, 1-17	1.1	9
193	AFED-EF: An Energy-Efficient VM Allocation Algorithm for IoT Applications in a Cloud Data Center. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 5, 658-669	4	13
192	Ant-Inspired Recurrent Deep Learning Model for Improving the Service Flow of Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3654-3663	6.1	4
191	Rotating behind Privacy: An Improved Lightweight Authentication Scheme for Cloud-based IoT Environment. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-19	3.8	18
190	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3869-3879	6.1	4
189	Optimal 5G network slicing using machine learning and deep learning concepts. <i>Computer Standards and Interfaces</i> , 2021 , 76, 103518	3.5	32
188	3P-SAKE: Privacy-preserving and physically secured authenticated key establishment protocol for wireless industrial networks. <i>Computer Communications</i> , 2021 , 175, 82-90	5.1	6
187	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4337-4347	6.1	73
186	A novel PCA-whale optimization-based deep neural network model for classification of tomato plant diseases using GPU. <i>Journal of Real-Time Image Processing</i> , 2021 , 18, 1383-1396	1.9	82

185	Multidimensional benchmarking of the active queue management methods of network congestion control based on extension of fuzzy decision by opinion score method. <i>International Journal of Intelligent Systems</i> , 2021 , 36, 796-831	8.4	29
184	A secure and lightweight authentication scheme for next generation IoT infrastructure. <i>Computer Communications</i> , 2021 , 165, 85-96	5.1	13
183	Deep learning and medical image processing for coronavirus (COVID-19) pandemic: A survey. <i>Sustainable Cities and Society</i> , 2021 , 65, 102589	10.1	146
182	Senti-eSystem: A sentiment-based eSystem-using hybridized fuzzy and deep neural network for measuring customer satisfaction. <i>Software - Practice and Experience</i> , 2021 , 51, 571-594	2.5	28
181	Machine Learning Assisted Information Management Scheme in Service Concentrated IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2871-2879	11.9	26
180	Smart Secure Sensing for IoT-Based Agriculture: Blockchain Perspective. <i>IEEE Sensors Journal</i> , 2021 , 21, 17591-17607	4	46
179	Modeling of Extreme Vulnerability Disclosure in Smart City Industrial Environments. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4150-4158	11.9	6
178	Dynamic-Driven Congestion Control and Segment Rerouting in the 6G-Enabled Data Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7165-7173	11.9	2
177	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 5329-5340	6.1	9
176	Redundancy Coefficient Gradual Up-weighting-based Mutual Information Feature Selection technique for Crypto-ransomware early detection. <i>Future Generation Computer Systems</i> , 2021 , 115, 641-658	7.5	9
175	Security and Blockchain Convergence with Internet of Multimedia Things: Current Trends, Research Challenges and Future Directions. <i>Journal of Network and Computer Applications</i> , 2021 , 175, 102918-102948	7.9	14
174	An ensemble machine learning approach through effective feature extraction to classify fake news. <i>Future Generation Computer Systems</i> , 2021 , 117, 47-58	7.5	70
173	Deep Graph neural network-based spammer detection under the perspective of heterogeneous cyberspace. <i>Future Generation Computer Systems</i> , 2021 , 117, 205-218	7.5	27
172	Neural Architecture Search for Robust Networks in 6G-Enabled Massive IoT Domain. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5332-5339	10.7	8
171	Multiagent Actor-Critic Network-Based Incentive Mechanism for Mobile Crowdsensing in Industrial Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 6182-6191	11.9	16
170	Louder bark with no bite: Privacy protection through the regulation of mandatory data breach notification in Australia. <i>Future Generation Computer Systems</i> , 2021 , 116, 22-29	7.5	6
169	Penetration testing framework for smart contract Blockchain. <i>Peer-to-Peer Networking and Applications</i> , 2021 , 14, 2635-2650	3.1	26
168	Designing Authenticated Key Management Scheme in 6G-Enabled Network in a Box Deployed for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7174-7184	11.9	10

167	An Attribute-Based Access Control for Cloud Enabled Industrial Smart Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 4288-4297	11.9	36
166	Deep Multiagent Reinforcement-Learning-Based Resource Allocation for Internet of Controllable Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 3066-3074	10.7	21
165	Adversarial Defense: DGA-Based Botnets and DNS Homographs Detection Through Integrated Deep Learning. <i>IEEE Transactions on Engineering Management</i> , 2021 , 1-18	2.6	18
164	CDP-UA: Cognitive Data Processing Method Wearable Sensor Data Uncertainty Analysis in the Internet of Things Assisted Smart Medical Healthcare Systems. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , 25, 3691-3699	7.2	12
163	Revisiting the Approaches, Datasets and Evaluation Parameters to Detect Android Malware: A Comparative Study from State-of-Art. <i>Studies in Big Data</i> , 2021 , 125-141	0.9	1
162	Big Data Resource Management & Networks: Taxonomy, Survey, and Future Directions. <i>IEEE Communications Surveys and Tutorials</i> , 2021 , 1-1	37.1	7
161	Adaptive and Priority-based Resource Allocation for Efficient Resources Utilization in Mobile Edge Computing. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	1
160	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	6
159	On the Design of Blockchain-based ECDSA with Fault-tolerant Batch Verification Protocol for Blockchain-enabled IoMT. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021 , PP,	7.2	39
158	Integrating Multi-Hub Driven Attention Mechanism and Big Data Analytics for Virtual Representation of Visual Scenes. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	2
157	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	5
156	Differentially Private Tensor Train Deep Computation for Internet of Multimedia Things. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2021 , 16, 1-20	3.4	4
155	Authenticated Key Agreement Scheme With User Anonymity and Untraceability for 5G-Enabled Softwarized Industrial Cyber-Physical Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-15	6.1	15
154	Blockchain Assisted Secure Data Sharing Model for Internet of Things Based Smart Industries. <i>IEEE Transactions on Reliability</i> , 2021 , 1-11	4.6	13
153	A Blockchain Framework in Post-Quantum Decentralization. <i>IEEE Transactions on Services Computing</i> , 2021 , 1-1	4.8	1
152	Non-recurrent classification learning Model for Drone Assisted Vehicular Ad-Hoc Network Communication in Smart Cities. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	2
151	. <i>IEEE Transactions on Network and Service Management</i> , 2021 , 1-1	4.8	8
150	A Survey on Energy Trading in the Smart Grid: Taxonomy, Research Challenges and Solutions. <i>IEEE Access</i> , 2021 , 9, 116231-116253	3.5	9

149	Security by Design for Big Data Frameworks Over Cloud Computing. <i>IEEE Transactions on Engineering Management</i> , 2021 , 1-18	2.6	11
148	Multi-objective cluster head selection using fitness averaged rider optimization algorithm for IoT networks in smart cities. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 43, 100973	4.7	41
147	Threat Analysis for Automotive CAN Networks: A GAN Model-Based Intrusion Detection Technique. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 4467-4477	6.1	8
146	A Secured and Intelligent Communication Scheme for IIoT-enabled Pervasive Edge Computing. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5128-5137	11.9	23
145	Novel dynamic fuzzy Decision-Making framework for COVID-19 vaccine dose recipients. <i>Journal of Advanced Research</i> , 2021 ,	13	11
144	The Blockchain Solution for the Security of Internet of Energy and Electric Vehicle Interface. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 7495-7508	6.8	2
143	Based on T-spherical fuzzy environment: A combination of FWZIC and FDOSM for prioritising COVID-19 vaccine dose recipients. <i>Journal of Infection and Public Health</i> , 2021 , 14, 1513-1559	7.4	18
142	Smart Sensing Based Functional Control for Reducing Uncertainties in Agricultural Farm Data Analysis. <i>IEEE Sensors Journal</i> , 2021 , 21, 17469-17478	4	12
141	A Lightweight Mutual Authentication and Privacy-preservation Scheme for Intelligent Wearable Devices in Industrial-CPS. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 5829-5839	11.9	28
140	Unmanned Aerial Vehicles in Smart Agriculture: Applications, Requirements, and Challenges. <i>IEEE Sensors Journal</i> , 2021 , 21, 17608-17619	4	62
139	BCFL logging: An approach to acquire and preserve admissible digital forensics evidence in cloud ecosystem. <i>Future Generation Computer Systems</i> , 2021 , 122, 1-13	7.5	14
138	An oppositional-Cauchy based GSK evolutionary algorithm with a novel deep ensemble reinforcement learning strategy for COVID-19 diagnosis. <i>Applied Soft Computing Journal</i> , 2021 , 111, 107675	7.5	18
137	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 8442-8452	11.9	33
136	A secure localization scheme based on trust assessment for WSNs using blockchain technology. <i>Future Generation Computer Systems</i> , 2021 , 125, 221-231	7.5	5
135	A secure demand response management authentication scheme for smart grid. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 48, 101571	4.7	0
134	Trajectory Data Acquisition via Private Car Positioning Based on Tightly-coupled GPS/OBD Integration in Urban Environments. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-12	6.1	2
133	PMRSS: Privacy-preserving Medical Record Searching Scheme for Intelligent Diagnosis in IoT Healthcare. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	31
132	Blockchain-Based Reliable and Efficient Certificateless Signature for IIoT Devices. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	78

131	A Multidirectional LSTM Model for Predicting the Stability of a Smart Grid. <i>IEEE Access</i> , 2020 , 8, 85454-85463	3.9	70
130	The Use of Ensemble Models for Multiple Class and Binary Class Classification for Improving Intrusion Detection Systems. <i>Sensors</i> , 2020 , 20,	3.8	48
129	Whale Optimization Algorithm With Applications to Resource Allocation in Wireless Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4285-4297	6.8	89
128	Facial Sentiment Analysis Using AI Techniques: State-of-the-Art, Taxonomies, and Challenges. <i>IEEE Access</i> , 2020 , 8, 90495-90519	3.5	34
127	Enabling the content dissemination through caching in the state-of-the-art sustainable information and communication technologies. <i>Sustainable Cities and Society</i> , 2020 , 61, 102291	10.1	14
126	A review on deep learning for future smart cities. <i>Internet Technology Letters</i> , 2020 , e187	1.3	27
125	A Privacy Preserving Distributed Ledger Framework for Global Human Resource Record Management: The Blockchain Aspect. <i>IEEE Access</i> , 2020 , 8, 96455-96467	3.5	14
124	An effective feature engineering for DNN using hybrid PCA-GWO for intrusion detection in IoMT architecture. <i>Computer Communications</i> , 2020 , 160, 139-149	5.1	106
123	Blockchain-Envisioned Secure Data Delivery and Collection Scheme for 5G-Based IoT-Enabled Internet of Drones Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 9097-9111	6.8	77
122	Next-generation big data federation access control: A reference model. <i>Future Generation Computer Systems</i> , 2020 , 108, 726-741	7.5	21
121	A Systematic Review on Clone Node Detection in Static Wireless Sensor Networks. <i>IEEE Access</i> , 2020 , 8, 65450-65461	3.5	66
120	CASCF: Certificateless Aggregated SignCryption Framework for Internet-of-Things Infrastructure. <i>IEEE Access</i> , 2020 , 8, 94748-94756	3.5	4
119	Decentralized accessibility of e-commerce products through blockchain technology. <i>Sustainable Cities and Society</i> , 2020 , 62, 102361	10.1	26
118	Achieving security scalability and flexibility using Fog-Based Context-Aware Access Control. <i>Future Generation Computer Systems</i> , 2020 , 107, 307-323	7.5	24
117	A Novel PCA-Firefly Based XGBoost Classification Model for Intrusion Detection in Networks Using GPU. <i>Electronics (Switzerland)</i> , 2020 , 9, 219	2.6	135
116	Image-Based malware classification using ensemble of CNN architectures (IMCEC). <i>Computers and Security</i> , 2020 , 92, 101748	4.9	97
115	IMCFN: Image-based malware classification using fine-tuned convolutional neural network architecture. <i>Computer Networks</i> , 2020 , 171, 107138	5.4	98
114	A Fast CP-ABE System for Cyber-Physical Security and Privacy in Mobile Healthcare Network. <i>IEEE Transactions on Industry Applications</i> , 2020 , 1-1	4.3	19

113	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 6203-6213	11.9	25
112	Intelligent mobile malware detection using permission requests and API calls. <i>Future Generation Computer Systems</i> , 2020 , 107, 509-521	7.5	71
111	A Visualized Botnet Detection System Based Deep Learning for the Internet of Things Networks of Smart Cities. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 4436-4456	4.3	108
110	Stochastic Neural Networks for Cryptocurrency Price Prediction. <i>IEEE Access</i> , 2020 , 8, 82804-82818	3.5	39
109	A Review of Performance, Energy and Privacy of Intrusion Detection Systems for IoT. <i>Electronics (Switzerland)</i> , 2020 , 9, 629	2.6	22
108	A Novel Simulated-Annealing Based Electric Bus System Design, Simulation, and Analysis for Dehradun Smart City. <i>IEEE Access</i> , 2020 , 8, 89395-89424	3.5	21
107	Deep-Learning-Empowered Digital Forensics for Edge Consumer Electronics in 5G HetNets. <i>IEEE Consumer Electronics Magazine</i> , 2020 , 1-1	3.2	28
106	Quality-aware trajectory planning of cellular connected UAVs 2020 ,		4
105	Energy management scheme for wireless powered D2D users with NOMA underlying full duplex UAV 2020 ,		6
104	Early Detection of Diabetic Retinopathy Using PCA-Firefly Based Deep Learning Model. <i>Electronics (Switzerland)</i> , 2020 , 9, 274	2.6	115
103	BioUAV 2020 ,		4
102	A Boosted Tree Classifier Algorithm based Collaborative Computing Framework for Smart System. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 1-1	4.9	5
101	2020 ,		4
100	A Framework for Prediction and Storage of Battery Life in IoT Devices using DNN and Blockchain 2020 ,		7
99	Securing smart vehicles from relay attacks using machine learning. <i>Journal of Supercomputing</i> , 2020 , 76, 2665-2682	2.5	25
98	A lightweight IoT-based security framework for inventory automation using wireless sensor network. <i>International Journal of Communication Systems</i> , 2020 , 33, e4228	1.7	22
97	ANiTW: A Novel Intelligent Text Watermarking technique for forensic identification of spurious information on social media. <i>Computers and Security</i> , 2020 , 90, 101702	4.9	8
96	Artificial Intelligence for Detection, Estimation, and Compensation of Malicious Attacks in Nonlinear Cyber-Physical Systems and Industrial IoT. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2716-2725	11.9	120

95	Predicting likelihood of legitimate data loss in email DLP. <i>Future Generation Computer Systems</i> , 2020 , 110, 744-757	7.5	4
94	Socioscope: I know who you are, a robo, human caller or service number. <i>Future Generation Computer Systems</i> , 2020 , 105, 297-307	7.5	6
93	mHealth Authentication Approach Based 3D Touchscreen and Microphone Sensors for Real-Time Remote Healthcare Monitoring System: Comprehensive Review, Open Issues and Methodological Aspects. <i>Computer Science Review</i> , 2020 , 38, 100300	8.3	18
92	Prediction of Landsliding using Univariate Forecasting Models. <i>Internet Technology Letters</i> , 2020 , e209	1.3	8
91	Delegated content erasure in IPFS. <i>Future Generation Computer Systems</i> , 2020 , 112, 956-964	7.5	17
90	A Pseudo Feedback-Based Annotated TF-IDF Technique for Dynamic Crypto-Ransomware Pre-Encryption Boundary Delineation and Features Extraction. <i>IEEE Access</i> , 2020 , 8, 140586-140598	3.5	13
89	Latency Evaluation of SDFGs on Heterogeneous Processors Using Timed Automata. <i>IEEE Access</i> , 2020 , 8, 140171-140180	3.5	8
88	MTHAEL: Cross-Architecture IoT Malware Detection Based on Neural Network Advanced Ensemble Learning. <i>IEEE Transactions on Computers</i> , 2020 , 69, 1654-1667	2.5	23
87	Network Flow based IoT Botnet Attack Detection using Deep Learning 2020 ,		23
86	Multi-scale Learning based Malware Variant Detection using Spatial Pyramid Pooling Network 2020 ,		8
85	Attribute-Based Encryption With Parallel Outsourced Decryption for Edge Intelligent IoV. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 13784-13795	6.8	84
84	A Lightweight Signcryption Method for Perception Layer in Internet-of-Things. <i>Journal of Information Security and Applications</i> , 2020 , 55, 102662	3.5	5
83	Blockchain-based Data Storage with Privacy and Authentication in Internet-of-Things. <i>IEEE Internet of Things Journal</i> , 2020 , 1-1	10.7	12
82	IoT Vulnerability Assessment for Sustainable Computing: Threats, Current Solutions, and Open Challenges. <i>IEEE Access</i> , 2020 , 8, 168825-168853	3.5	33
81	Misbehavior-Aware On-Demand Collaborative Intrusion Detection System Using Distributed Ensemble Learning for VANET. <i>Electronics (Switzerland)</i> , 2020 , 9, 1411	2.6	18
80	Sum-Rate Maximization for UAV-Assisted Visible Light Communications Using NOMA: Swarm Intelligence Meets Machine Learning. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 10375-10387	10.7	41
79	Blockchain for Industry 4.0: A Comprehensive Review. <i>IEEE Access</i> , 2020 , 8, 79764-79800	3.5	168
78	Guest Editorial Special Issue on Privacy and Security in Distributed Edge Computing and Evolving IoT. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 2496-2500	10.7	9

77	ECA: An Edge Computing Architecture for Privacy-Preserving in IoT-Based Smart City. <i>IEEE Access</i> , 2019 , 7, 155779-155786	3.5	26
76	2019 ,		2
75	A hybrid deep learning image-based analysis for effective malware detection. <i>Journal of Information Security and Applications</i> , 2019 , 47, 377-389	3.5	62
74	Variance Ranking Attributes Selection Techniques for Binary Classification Problem in Imbalance Data. <i>IEEE Access</i> , 2019 , 7, 24649-24666	3.5	46
73	Robust Intelligent Malware Detection Using Deep Learning. <i>IEEE Access</i> , 2019 , 7, 46717-46738	3.5	131
72	Deep Learning Approach for Intelligent Intrusion Detection System. <i>IEEE Access</i> , 2019 , 7, 41525-41550	3.5	405
71	Comparative Study of Indoor Propagation Model Below and Above 6 GHz for 5G Wireless Networks. <i>Electronics (Switzerland)</i> , 2019 , 8, 44	2.6	21
70	DBD: Deep Learning DGA-Based Botnet Detection. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019 , 127-149	0.6	19
69	An Adaptive Multi-Layer Botnet Detection Technique Using Machine Learning Classifiers. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2375	2.6	50
68	Improving Accessibility for Mobility Impaired People in Smart City using Crowdsourcing 2019 ,		4
67	An Improved Convolutional Neural Network Model for Intrusion Detection in Networks 2019 ,		34
66	Ransomware Triage Using Deep Learning: Twitter as a Case Study 2019 ,		2
65	A Hybrid Technique To Detect Botnets, Based on P2P Traffic Similarity 2019 ,		10
64	Source Code Authorship Attribution Using Hybrid Approach of Program Dependence Graph and Deep Learning Model. <i>IEEE Access</i> , 2019 , 7, 141987-141999	3.5	15
63	MEML: Resource-aware MQTT-based Machine Learning for Network Attacks Detection on IoT Edge Devices 2019 ,		4
62	Toward Detection of Child Exploitation Material: A Forensic Approach. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019 , 221-246	0.6	1
61	AmritaDGA: a comprehensive data set for domain generation algorithms (DGAs) based domain name detection systems and application of deep learning 2019 , 455-485		3
60	Forensic Detection of Child Exploitation Material Using Deep Learning. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019 , 211-219	0.6	3

59	Enhanced Domain Generating Algorithm Detection Based on Deep Neural Networks. <i>Advanced Sciences and Technologies for Security Applications</i> , 2019 , 151-173	0.6	6
58	Deep learning architecture for big data analytics in detecting intrusions and malicious URL 2019 , 303-336		2
57	Common Security Criteria for Vehicular Clouds and Internet of Vehicles Evaluation and Selection 2019 ,		4
56	A Face Emotion Recognition Method Using Convolutional Neural Network and Image Edge Computing. <i>IEEE Access</i> , 2019 , 7, 159081-159089	3.5	39
55	A Comprehensive Survey for Intelligent Spam Email Detection. <i>IEEE Access</i> , 2019 , 7, 168261-168295	3.5	47
54	. <i>IEEE Access</i> , 2019 , 7, 167930-167943	3.5	55
53	A Reinforcement Learning Based Algorithm Towards Energy Efficient 5G Multi-Tier Network 2019 ,		3
52	2019 ,		6
51	A Review of Automatic Phenotyping Approaches using Electronic Health Records. <i>Electronics (Switzerland)</i> , 2019 , 8, 1235	2.6	10
50	Big Data for Cybersecurity: Vulnerability Disclosure Trends and Dependencies. <i>IEEE Transactions on Big Data</i> , 2019 , 5, 317-329	3.2	58
49	Use of Data Visualisation for Zero-Day Malware Detection. <i>Security and Communication Networks</i> , 2018 , 2018, 1-13	1.9	78
48	Secure Passive Keyless Entry and Start System Using Machine Learning. <i>Lecture Notes in Computer Science</i> , 2018 , 304-313	0.9	10
47	Disclosure of cyber security vulnerabilities: time series modelling. <i>International Journal of Electronic Security and Digital Forensics</i> , 2018 , 10, 255	1	8
46	Cyber Terrorism: Research Review: Research Report of the Australian National University Cybercrime Observatory for the Korean Institute of Criminology. <i>SSRN Electronic Journal</i> , 2017 ,	1	4
45	An Analysis of the Nature of Spam as Cybercrime 2017 , 251-266		5
44	Classification of Malware Using Visualisation of Similarity Matrices 2017 ,		5
43	Spam and crime 2017 , 517-532		2
42	Fast authentication in wireless sensor networks. <i>Future Generation Computer Systems</i> , 2016 , 55, 362-375	7.5	53

41	Exploiting Vulnerability Disclosures: Statistical Framework and Case Study 2016,		6
40	Hybrids of support vector machine wrapper and filter based framework for malware detection. <i>Future Generation Computer Systems</i> , 2016 , 55, 376-390	7.5	66
39	2016,		5
38	Machine Learning Based Botnet Identification Traffic 2016,		44
37	Profiling and classifying the behavior of malicious codes. <i>Journal of Systems and Software</i> , 2015 , 100, 91-102	3.3	87
36	The Effectiveness of the Flipped Classroom in Higher Education 2015,		11
35	From Zeus to Zitmo: Trends in Banking Malware 2015,		22
34	The Role of Spam in Cybercrime: Data from the Australian Cybercrime Pilot Observatory 2015 , 103-120		5
33	Spam and Criminal Activity. <i>SSRN Electronic Journal</i> , 2014,	1	4
32	Mining Malware to Detect Variants 2014,		21
31	Using response action with intelligent intrusion detection and prevention system against web application malware. <i>Information Management and Computer Security</i> , 2014 , 22, 431-449		19
30	Quality Approaches for Performance Measurement in Jordanian E-Government Services. <i>Advances in Electronic Government, Digital Divide, and Regional Development Book Series</i> , 2014 , 99-119	0.3	1
29	2013,		23
28	Skype Traffic Classification Using Cost Sensitive Algorithms 2013,		1
27	Detecting malicious behaviour using supervised learning algorithms of the function calls. <i>International Journal of Electronic Security and Digital Forensics</i> , 2013 , 5, 90	1	21
26	Performance evaluation of e-government services using balanced scorecard. <i>Benchmarking</i> , 2013 , 20, 512-536	4	21
25	Organizations and Cybercrime. <i>SSRN Electronic Journal</i> , 2013,	1	4
24	Malicious Code Detection Using Penalized Splines on OPcode Frequency 2012,		1

23	Using feature selection for intrusion detection system 2012 ,		35
22	Identifying Cyber Predators through Forensic Authorship Analysis of Chat Logs 2012 ,		7
21	Six Sigma Approach to Improve Quality in E-Services. <i>International Journal of Electronic Government Research</i> , 2012 , 8, 57-74	0.7	11
20	Cybercrime: The Case of Obfuscated Malware. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2012 , 204-211	0.2	26
19	Analysis of firewall log-based detection scenarios for evidence in digital forensics. <i>International Journal of Electronic Security and Digital Forensics</i> , 2012 , 4, 261	1	3
18	Towards Understanding Malware Behaviour by the Extraction of API Calls 2010 ,		65
17	GOM: New genetic optimizing model for broadcasting tree in MANET 2010 ,		1
16	Stochastic Model Based Approach for Biometric Identification 2010 , 303-308		1
15	Towards Automatic Image Segmentation Using Optimised Region Growing Technique. <i>Lecture Notes in Computer Science</i> , 2009 , 131-139	0.9	6
14	A Hybrid Wrapper-Filter Approach for Malware Detection. <i>Journal of Networks</i> , 1969 , 9,		2
13	PRISED tangle: a privacy-aware framework for smart healthcare data sharing using IOTA tangle. <i>Complex & Intelligent Systems</i> ,1	7.1	3
12	Driver Identification Using Optimized Deep Learning Model in Smart Transportation. <i>ACM Transactions on Internet Technology</i> ,	3.8	2
11	Deep Learning Approach for Intelligent Intrusion Detection System		1
10	Trust management for internet of things using cloud computing and security in smart cities. <i>Cluster Computing</i> ,1	2.1	2
9	Quality Approaches for Performance Measurement in Jordanian E-Government Services1356-1374		
8	Computer Application in Game Map Path-Finding Based on Fuzzy Logic Dynamic Hierarchical Ant Colony Algorithm. <i>International Journal of Fuzzy Systems</i> ,1	3.6	1
7	IoT-assisted physical education training network virtualization and resource management using a deep reinforcement learning system. <i>Complex & Intelligent Systems</i> ,1	7.1	2
6	Information Security Governance. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> ,293-315.3		14

5	Rise of multiattribute decision-making in combating COVID-19: A systematic review of the state-of-the-art literature. <i>International Journal of Intelligent Systems</i> ,	8.4	10
4	Question-aware memory network for multi-hop question answering in humanRobot interaction. <i>Complex & Intelligent Systems</i> ,1	7.1	3
3	Machine Learning-Based Holistic Privacy Decentralized Framework for Big Data Security and Privacy in Smart City. <i>Arabian Journal for Science and Engineering</i> ,1	2.5	0
2	Detecting and preventing criminal activities in shopping malls using massive video surveillance based on deep learning models. <i>Annals of Operations Research</i> ,1	3.2	1
1	Decentralized security framework for future IoT end-to-end connectivity. <i>Annals of Operations Research</i> ,1	3.2	