

# Mamoun Alazab

## List of Publications by Citations

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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	Deep Learning Approach for Intelligent Intrusion Detection System. <i>IEEE Access</i> , <b>2019</b> , 7, 41525-41550	3.5	405
237	Blockchain for Industry 4.0: A Comprehensive Review. <i>IEEE Access</i> , <b>2020</b> , 8, 79764-79800	3.5	168
236	Deep learning and medical image processing for coronavirus (COVID-19) pandemic: A survey. <i>Sustainable Cities and Society</i> , <b>2021</b> , 65, 102589	10.1	146
235	A Novel PCA-Firefly Based XGBoost Classification Model for Intrusion Detection in Networks Using GPU. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 219	2.6	135
234	Robust Intelligent Malware Detection Using Deep Learning. <i>IEEE Access</i> , <b>2019</b> , 7, 46717-46738	3.5	131
233	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> , <b>2020</b> , 16, 2716-2725	11.9	120
232	Early Detection of Diabetic Retinopathy Using PCA-Firefly Based Deep Learning Model. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 274	2.6	115
231	A Visualized Botnet Detection System Based Deep Learning for the Internet of Things Networks of Smart Cities. <i>IEEE Transactions on Industry Applications</i> , <b>2020</b> , 56, 4436-4456	4.3	108
230	An effective feature engineering for DNN using hybrid PCA-GWO for intrusion detection in IoT architecture. <i>Computer Communications</i> , <b>2020</b> , 160, 139-149	5.1	106
229	IMCFN: Image-based malware classification using fine-tuned convolutional neural network architecture. <i>Computer Networks</i> , <b>2020</b> , 171, 107138	5.4	98
228	Image-Based malware classification using ensemble of CNN architectures (IMCEC). <i>Computers and Security</i> , <b>2020</b> , 92, 101748	4.9	97
227	Whale Optimization Algorithm With Applications to Resource Allocation in Wireless Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 4285-4297	6.8	89
226	Profiling and classifying the behavior of malicious codes. <i>Journal of Systems and Software</i> , <b>2015</b> , 100, 91-102	3.3	87
225	Attribute-Based Encryption With Parallel Outsourced Decryption for Edge Intelligent IoT. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 13784-13795	6.8	84
224	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> , <b>2021</b> , 18, 1383-1396	1.9	82
223	Use of Data Visualisation for Zero-Day Malware Detection. <i>Security and Communication Networks</i> , <b>2018</b> , 2018, 1-13	1.9	78
222	Blockchain-Based Reliable and Efficient Certificateless Signature for IIoT Devices. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	78

221	Blockchain-Envisioned Secure Data Delivery and Collection Scheme for 5G-Based IoT-Enabled Internet of Drones Environment. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 9097-9111	6.8	77
220	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 4337-4347	6.1	73
219	Intelligent mobile malware detection using permission requests and API calls. <i>Future Generation Computer Systems</i> , <b>2020</b> , 107, 509-521	7.5	71
218	A Multidirectional LSTM Model for Predicting the Stability of a Smart Grid. <i>IEEE Access</i> , <b>2020</b> , 8, 85454-85463	5.9	70
217	An ensemble machine learning approach through effective feature extraction to classify fake news. <i>Future Generation Computer Systems</i> , <b>2021</b> , 117, 47-58	7.5	70
216	A Systematic Review on Clone Node Detection in Static Wireless Sensor Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 65450-65461	3.5	66
215	Hybrids of support vector machine wrapper and filter based framework for malware detection. <i>Future Generation Computer Systems</i> , <b>2016</b> , 55, 376-390	7.5	66
214	Towards Understanding Malware Behaviour by the Extraction of API Calls <b>2010</b> ,		65
213	A hybrid deep learning image-based analysis for effective malware detection. <i>Journal of Information Security and Applications</i> , <b>2019</b> , 47, 377-389	3.5	62
212	Unmanned Aerial Vehicles in Smart Agriculture: Applications, Requirements, and Challenges. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 17608-17619	4	62
211	Big Data for Cybersecurity: Vulnerability Disclosure Trends and Dependencies. <i>IEEE Transactions on Big Data</i> , <b>2019</b> , 5, 317-329	3.2	58
210	. <i>IEEE Access</i> , <b>2019</b> , 7, 167930-167943	3.5	55
209	Fast authentication in wireless sensor networks. <i>Future Generation Computer Systems</i> , <b>2016</b> , 55, 362-375	7.5	53
208	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> , <b>2021</b> , 8, 1456-1466	4.9	53
207	Hand gesture classification using a novel CNN-crow search algorithm. <i>Complex &amp; Intelligent Systems</i> , <b>2021</b> , 7, 1855	7.1	51
206	An Adaptive Multi-Layer Botnet Detection Technique Using Machine Learning Classifiers. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 2375	2.6	50
205	The Use of Ensemble Models for Multiple Class and Binary Class Classification for Improving Intrusion Detection Systems. <i>Sensors</i> , <b>2020</b> , 20,	3.8	48
204	A Comprehensive Survey for Intelligent Spam Email Detection. <i>IEEE Access</i> , <b>2019</b> , 7, 168261-168295	3.5	47

203	Variance Ranking Attributes Selection Techniques for Binary Classification Problem in Imbalance Data. <i>IEEE Access</i> , <b>2019</b> , 7, 24649-24666	3.5	46
202	Smart Secure Sensing for IoT-Based Agriculture: Blockchain Perspective. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 17591-17607	4	46
201	Machine Learning Based Botnet Identification Traffic <b>2016</b> ,		44
200	Sum-Rate Maximization for UAV-Assisted Visible Light Communications Using NOMA: Swarm Intelligence Meets Machine Learning. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 10375-10387	10.7	41
199	Multi-objective cluster head selection using fitness averaged rider optimization algorithm for IoT networks in smart cities. <i>Sustainable Energy Technologies and Assessments</i> , <b>2021</b> , 43, 100973	4.7	41
198	Stochastic Neural Networks for Cryptocurrency Price Prediction. <i>IEEE Access</i> , <b>2020</b> , 8, 82804-82818	3.5	39
197	A Face Emotion Recognition Method Using Convolutional Neural Network and Image Edge Computing. <i>IEEE Access</i> , <b>2019</b> , 7, 159081-159089	3.5	39
196	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> , <b>2021</b> , PP,	7.2	39
195	An Attribute-Based Access Control for Cloud Enabled Industrial Smart Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4288-4297	11.9	36
194	Using feature selection for intrusion detection system <b>2012</b> ,		35
193	Facial Sentiment Analysis Using AI Techniques: State-of-the-Art, Taxonomies, and Challenges. <i>IEEE Access</i> , <b>2020</b> , 8, 90495-90519	3.5	34
192	An Improved Convolutional Neural Network Model for Intrusion Detection in Networks <b>2019</b> ,		34
191	IoT Vulnerability Assessment for Sustainable Computing: Threats, Current Solutions, and Open Challenges. <i>IEEE Access</i> , <b>2020</b> , 8, 168825-168853	3.5	33
190	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 8442-8452	11.9	33
189	Optimal 5G network slicing using machine learning and deep learning concepts. <i>Computer Standards and Interfaces</i> , <b>2021</b> , 76, 103518	3.5	32
188	PMRSS: Privacy-preserving Medical Record Searching Scheme for Intelligent Diagnosis in IoT Healthcare. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	31
187	A Novel UAV-Enabled Data Collection Scheme for Intelligent Transportation System Through UAV Speed Control. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2100-2110	6.1	30
186	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> , <b>2021</b> , 36, 796-831	8.4	29

185	Deep-Learning-Empowered Digital Forensics for Edge Consumer Electronics in 5G HetNets. <i>IEEE Consumer Electronics Magazine</i> , <b>2020</b> , 1-1	3.2	28
184	Intelligent Dynamic Malware Detection using Machine Learning in IP Reputation for Forensics Data Analytics. <i>Future Generation Computer Systems</i> , <b>2021</b> , 118, 124-141	7.5	28
183	Senti-eSystem: A sentiment-based eSystem-using hybridized fuzzy and deep neural network for measuring customer satisfaction. <i>Software - Practice and Experience</i> , <b>2021</b> , 51, 571-594	2.5	28
182	A Lightweight Mutual Authentication and Privacy-preservation Scheme for Intelligent Wearable Devices in Industrial-CPS. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 5829-5839	11.9	28
181	A review on deep learning for future smart cities. <i>Internet Technology Letters</i> , <b>2020</b> , e187	1.3	27
180	Deep Graph neural network-based spammer detection under the perspective of heterogeneous cyberspace. <i>Future Generation Computer Systems</i> , <b>2021</b> , 117, 205-218	7.5	27
179	ECA: An Edge Computing Architecture for Privacy-Preserving in IoT-Based Smart City. <i>IEEE Access</i> , <b>2019</b> , 7, 155779-155786	3.5	26
178	Decentralized accessibility of e-commerce products through blockchain technology. <i>Sustainable Cities and Society</i> , <b>2020</b> , 62, 102361	10.1	26
177	Cybercrime: The Case of Obfuscated Malware. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2012</b> , 204-211	0.2	26
176	Machine Learning Assisted Information Management Scheme in Service Concentrated IoT. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 2871-2879	11.9	26
175	Penetration testing framework for smart contract Blockchain. <i>Peer-to-Peer Networking and Applications</i> , <b>2021</b> , 14, 2635-2650	3.1	26
174	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 6203-6213	11.9	25
173	Securing smart vehicles from relay attacks using machine learning. <i>Journal of Supercomputing</i> , <b>2020</b> , 76, 2665-2682	2.5	25
172	Achieving security scalability and flexibility using Fog-Based Context-Aware Access Control. <i>Future Generation Computer Systems</i> , <b>2020</b> , 107, 307-323	7.5	24
171	<b>2013</b> ,		23
170	MTHAEL: Cross-Architecture IoT Malware Detection Based on Neural Network Advanced Ensemble Learning. <i>IEEE Transactions on Computers</i> , <b>2020</b> , 69, 1654-1667	2.5	23
169	Network Flow based IoT Botnet Attack Detection using Deep Learning <b>2020</b> ,		23
168	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> , <b>2021</b> , 36, 4723-4774 <sup>8.4</sup>		23

167	A Secured and Intelligent Communication Scheme for IIoT-enabled Pervasive Edge Computing. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 5128-5137	11.9	23
166	A Review of Performance, Energy and Privacy of Intrusion Detection Systems for IoT. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 629	2.6	22
165	From Zeus to Zitmo: Trends in Banking Malware <b>2015</b> ,		22
164	A lightweight IoT-based security framework for inventory automation using wireless sensor network. <i>International Journal of Communication Systems</i> , <b>2020</b> , 33, e4228	1.7	22
163	Comparative Study of Indoor Propagation Model Below and Above 6 GHz for 5G Wireless Networks. <i>Electronics (Switzerland)</i> , <b>2019</b> , 8, 44	2.6	21
162	Next-generation big data federation access control: A reference model. <i>Future Generation Computer Systems</i> , <b>2020</b> , 108, 726-741	7.5	21
161	A Novel Simulated-Annealing Based Electric Bus System Design, Simulation, and Analysis for Dehradun Smart City. <i>IEEE Access</i> , <b>2020</b> , 8, 89395-89424	3.5	21
160	Mining Malware to Detect Variants <b>2014</b> ,		21
159	Detecting malicious behaviour using supervised learning algorithms of the function calls. <i>International Journal of Electronic Security and Digital Forensics</i> , <b>2013</b> , 5, 90	1	21
158	Performance evaluation of e-government services using balanced scorecard. <i>Benchmarking</i> , <b>2013</b> , 20, 512-536	4	21
157	Federated Learning for Cybersecurity: Concepts, Challenges and Future Directions. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	21
156	Holistic big data integrated artificial intelligent modeling to improve privacy and security in data management of smart cities. <i>Microprocessors and Microsystems</i> , <b>2021</b> , 81, 103722	2.4	21
155	Deep Multiagent Reinforcement-Learning-Based Resource Allocation for Internet of Controllable Things. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 3066-3074	10.7	21
154	A Fast CP-ABE System for Cyber-Physical Security and Privacy in Mobile Healthcare Network. <i>IEEE Transactions on Industry Applications</i> , <b>2020</b> , 1-1	4.3	19
153	DBD: Deep Learning DGA-Based Botnet Detection. <i>Advanced Sciences and Technologies for Security Applications</i> , <b>2019</b> , 127-149	0.6	19
152	Using response action with intelligent intrusion detection and prevention system against web application malware. <i>Information Management and Computer Security</i> , <b>2014</b> , 22, 431-449		19
151	Federated learning enabled digital twins for smart cities: Concepts, recent advances, and future directions. <i>Sustainable Cities and Society</i> , <b>2022</b> , 79, 103663	10.1	18
150	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> , <b>2020</b> , 38, 100300	8.3	18

149	Misbehavior-Aware On-Demand Collaborative Intrusion Detection System Using Distributed Ensemble Learning for VANET. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1411	2.6	18
148	Rotating behind Privacy: An Improved Lightweight Authentication Scheme for Cloud-based IoT Environment. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-19	3.8	18
147	Adversarial Defense: DGA-Based Botnets and DNS Homographs Detection Through Integrated Deep Learning. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-18	2.6	18
146	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> , <b>2021</b> , 14, 1513-1559	7.4	18
145	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> , <b>2021</b> , 111, 107675	7.5	18
144	Spam Emails Detection Based on Distributed Word Embedding with Deep Learning. <i>Studies in Computational Intelligence</i> , <b>2021</b> , 161-189	0.8	17
143	Delegated content erasure in IPFS. <i>Future Generation Computer Systems</i> , <b>2020</b> , 112, 956-964	7.5	17
142	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> , <b>2022</b> , 80, 103572	3.5	17
141	Multiagent Actor-Critic Network-Based Incentive Mechanism for Mobile Crowdsensing in Industrial Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 6182-6191	11.9	16
140	Source Code Authorship Attribution Using Hybrid Approach of Program Dependence Graph and Deep Learning Model. <i>IEEE Access</i> , <b>2019</b> , 7, 141987-141999	3.5	15
139	PPVF: Privacy-Preserving Protocol for Vehicle Feedback in Cloud-Assisted VANET. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-13	6.1	15
138	RSS: An Energy-Efficient Approach for Securing IoT Service Protocols Against the DoS Attack. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 3619-3635	10.7	15
137	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> , <b>2021</b> , 1-15	6.1	15
136	Enabling the content dissemination through caching in the state-of-the-art sustainable information and communication technologies. <i>Sustainable Cities and Society</i> , <b>2020</b> , 61, 102291	10.1	14
135	A Privacy Preserving Distributed Ledger Framework for Global Human Resource Record Management: The Blockchain Aspect. <i>IEEE Access</i> , <b>2020</b> , 8, 96455-96467	3.5	14
134	Information Security Governance. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 293-315	3	14
133	Security and Blockchain Convergence with Internet of Multimedia Things: Current Trends, Research Challenges and Future Directions. <i>Journal of Network and Computer Applications</i> , <b>2021</b> , 175, 102918-102948	7.9	14
132	BCFL logging: An approach to acquire and preserve admissible digital forensics evidence in cloud ecosystem. <i>Future Generation Computer Systems</i> , <b>2021</b> , 122, 1-13	7.5	14

131	A Pseudo Feedback-Based Annotated TF-IDF Technique for Dynamic Crypto-Ransomware Pre-Encryption Boundary Delineation and Features Extraction. <i>IEEE Access</i> , <b>2020</b> , 8, 140586-140598	3.5	13
130	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> , <b>2021</b> , 5, 658-669	4	13
129	A secure and lightweight authentication scheme for next generation IoT infrastructure. <i>Computer Communications</i> , <b>2021</b> , 165, 85-96	5.1	13
128	Blockchain Assisted Secure Data Sharing Model for Internet of Things Based Smart Industries. <i>IEEE Transactions on Reliability</i> , <b>2021</b> , 1-11	4.6	13
127	Blockchain-based Data Storage with Privacy and Authentication in Internet-of-Things. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 1-1	10.7	12
126	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> , <b>2021</b> , 25, 3691-3699	7.2	12
125	Smart Sensing Based Functional Control for Reducing Uncertainties in Agricultural Farm Data Analysis. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 17469-17478	4	12
124	The Effectiveness of the Flipped Classroom in Higher Education <b>2015</b> ,		11
123	Six Sigma Approach to Improve Quality in E-Services. <i>International Journal of Electronic Government Research</i> , <b>2012</b> , 8, 57-74	0.7	11
122	Security by Design for Big Data Frameworks Over Cloud Computing. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-18	2.6	11
121	Novel dynamic fuzzy Decision-Making framework for COVID-19 vaccine dose recipients. <i>Journal of Advanced Research</i> , <b>2021</b> ,	13	11
120	A Hybrid Technique To Detect Botnets, Based on P2P Traffic Similarity <b>2019</b> ,		10
119	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
118	A Review of Automatic Phenotyping Approaches using Electronic Health Records. <i>Electronics (Switzerland)</i> , <b>2019</b> , 8, 1235	2.6	10
117	Designing Authenticated Key Management Scheme in 6G-Enabled Network in a Box Deployed for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 7174-7184	11.9	10
116	Secure Passive Keyless Entry and Start System Using Machine Learning. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 304-313	0.9	10
115	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> , <b>2021</b> , 20, 1-17	1.1	9
114	Guest Editorial Special Issue on Privacy and Security in Distributed Edge Computing and Evolving IoT. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 2496-2500	10.7	9



113	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 5329-5340	6.1	9
112	Redundancy Coefficient Gradual Up-weighting-based Mutual Information Feature Selection technique for Crypto-ransomware early detection. <i>Future Generation Computer Systems</i> , <b>2021</b> , 115, 641-658	7.5	9
111	A Survey on Energy Trading in the Smart Grid: Taxonomy, Research Challenges and Solutions. <i>IEEE Access</i> , <b>2021</b> , 9, 116231-116253	3.5	9
110	Genetic CFL: Hyperparameter Optimization in Clustered Federated Learning. <i>Computational Intelligence and Neuroscience</i> , <b>2021</b> , 2021, 7156420	3	8
109	DURLD: Malicious URL Detection Using Deep Learning-Based Character Level Representations <b>2021</b> , 535-554		8
108	ANiTW: A Novel Intelligent Text Watermarking technique for forensic identification of spurious information on social media. <i>Computers and Security</i> , <b>2020</b> , 90, 101702	4.9	8
107	Prediction of Landsliding using Univariate Forecasting Models. <i>Internet Technology Letters</i> , <b>2020</b> , e209	1.3	8
106	Latency Evaluation of SDFGs on Heterogeneous Processors Using Timed Automata. <i>IEEE Access</i> , <b>2020</b> , 8, 140171-140180	3.5	8
105	Multi-scale Learning based Malware Variant Detection using Spatial Pyramid Pooling Network <b>2020</b> ,		8
104	Neural Architecture Search for Robust Networks in 6G-Enabled Massive IoT Domain. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 5332-5339	10.7	8
103	. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 1-1	4.8	8
102	Disclosure of cyber security vulnerabilities: time series modelling. <i>International Journal of Electronic Security and Digital Forensics</i> , <b>2018</b> , 10, 255	1	8
101	Threat Analysis for Automotive CAN Networks: A GAN Model-Based Intrusion Detection Technique. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 4467-4477	6.1	8
100	Identifying Cyber Predators through Forensic Authorship Analysis of Chat Logs <b>2012</b> ,		7
99	A Framework for Prediction and Storage of Battery Life in IoT Devices using DNN and Blockchain <b>2020</b> ,		7
98	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 4037-4050	6.8	7
97	Big Data Resource Management & Networks: Taxonomy, Survey, and Future Directions. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 1-1	37.1	7
96	Exploiting Vulnerability Disclosures: Statistical Framework and Case Study <b>2016</b> ,		6

95	Towards Automatic Image Segmentation Using Optimised Region Growing Technique. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 131-139	0.9	6
94	FL-PMI: Federated Learning-Based Person Movement Identification through Wearable Devices in Smart Healthcare Systems.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	6
93	Energy management scheme for wireless powered D2D users with NOMA underlying full duplex UAV <b>2020</b> ,		6
92	Enhanced Domain Generating Algorithm Detection Based on Deep Neural Networks. <i>Advanced Sciences and Technologies for Security Applications</i> , <b>2019</b> , 151-173	0.6	6
91	Socioscope: I know who you are, a robo, human caller or service number. <i>Future Generation Computer Systems</i> , <b>2020</b> , 105, 297-307	7.5	6
90	3P-SAKE: Privacy-preserving and physically secured authenticated key establishment protocol for wireless industrial networks. <i>Computer Communications</i> , <b>2021</b> , 175, 82-90	5.1	6
89	<b>2019</b> ,		6
88	Modeling of Extreme Vulnerability Disclosure in Smart City Industrial Environments. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4150-4158	11.9	6
87	Louder bark with no bite: Privacy protection through the regulation of mandatory data breach notification in Australia. <i>Future Generation Computer Systems</i> , <b>2021</b> , 116, 22-29	7.5	6
86	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	6
85	Situation-aware BDI Reasoning to Detect Early Symptoms of Covid 19 using Smartwatch. <i>IEEE Sensors Journal</i> , <b>2022</b> , 1-1	4	6
84	An Analysis of the Nature of Spam as Cybercrime <b>2017</b> , 251-266		5
83	Classification of Malware Using Visualisation of Similarity Matrices <b>2017</b> ,		5
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