# Fuad A Ghaleb

List of Publications by Year
in descending order

| 47 papers | 959 citations | 430874<br>18 h-index | 477307<br>29 g-index |
|---|---|---|---|
| 48 all docs | 48 docs citations | 48 times ranked | 521 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | RS-DCNN: A novel distributed convolutional-neural-networks based-approach for big remote-sensing image classification. Computers and Electronics in Agriculture, 2021, 182, 106014. | 7.7 | 75 |
| 2 | Anomaly-Based Intrusion Detection Systems in IoT Using Deep Learning: A Systematic Literature Review. Applied Sciences (Switzerland), 2021, 11, 8383. | 2.5 | 72 |
| 3 | Software Defined Networking Flow Table Management of OpenFlow Switches Performance and Security Challenges: A Survey. Future Internet, 2020, 12, 147. | 3.8 | 64 |
| 4 | Multi-Method Analysis of Medical Records and MRI Images for Early Diagnosis of Dementia and Alzheimer's Disease Based on Deep Learning and Hybrid Methods. Electronics (Switzerland), 2021, 10, 2860. | 3.1 | 57 |
| 5 | Misbehavior-Aware On-Demand Collaborative Intrusion Detection System Using Distributed Ensemble Learning for VANET. Electronics (Switzerland), 2020, 9, 1411. | 3.1 | 55 |
| 6 | Ransomware Detection Using the Dynamic Analysis and Machine Learning: A Survey and Research Directions. Applied Sciences (Switzerland), 2022, 12, 172. | 2.5 | 51 |
| 7 | Improved vehicle positioning algorithm using enhanced innovation-based adaptive Kalman filter. Pervasive and Mobile Computing, 2017, 40, 139-155. | 3.3 | 50 |
| 8 | An effective misbehavior detection model using artificial neural network for vehicular ad hoc network applications. , 2017, , . | | 46 |
| 9 | A Pseudo Feedback-Based Annotated TF-IDF Technique for Dynamic Crypto-Ransomware Pre-Encryption Boundary Delineation and Features Extraction. IEEE Access, 2020, 8, 140586-140598. | 4.2 | 38 |
| 10 | Enhancement of thermal comfort in a large space building. AEJ - Alexandria Engineering Journal, 2019, 58, 49-65. | 6.4 | 36 |
| 11 | An Adaptive Behavioral-Based Incremental Batch Learning Malware Variants Detection Model Using Concept Drift Detection and Sequential Deep Learning. IEEE Access, 2021, 9, 97180-97196. | 4.2 | 33 |
| 12 | Context-aware data-centric misbehaviour detection scheme for vehicular ad hoc networks using sequential analysis of the temporal and spatial correlation of the consistency between the cooperative awareness messages. Vehicular Communications, 2019, 20, 100186. | 4.0 | 30 |
| 13 | Hybrid and Multifaceted Context-Aware Misbehavior Detection Model for Vehicular Ad Hoc Network. IEEE Access, 2019, 7, 159119-159140. | 4.2 | 30 |
| 14 | Ensemble-Based Hybrid Context-Aware Misbehavior Detection Model for Vehicular Ad Hoc Network. Remote Sensing, 2019, 11, 2852. | 4.0 | 30 |
| 15 | Two-stage motion artefact reduction algorithm for electrocardiogram using weighted adaptive noise cancelling and recursive Hampel filter. PLoS ONE, 2018, 13, e0207176. | 2.5 | 29 |
| 16 | Redundancy Coefficient Gradual Up-weighting-based Mutual Information Feature Selection technique for Crypto-ransomware early detection. Future Generation Computer Systems, 2021, 115, 641-658. | 7.5 | 29 |
| 17 | Database Forensic Investigation Process Models: A Review. IEEE Access, 2020, 8, 48477-48490. | 4.2 | 25 |
| 18 | Cyber Threat Intelligence-Based Malicious URL Detection Model Using Ensemble Learning. Sensors, 2022, 22, 3373. | 3.8 | 25 |

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| 19 | A Weighted Minimum Redundancy Maximum Relevance Technique for Ransomware Early Detection in Industrial IoT. Sustainability, 2022, 14, 1231. | 3.2 | 20 |
| 20 | Security and privacy enhancement in VANETs using mobility pattern. , 2013, , . | | 15 |
| 21 | IHTA: Dynamic Idle-Hard Timeout Allocation Algorithm based OpenFlow Switch. , 2020, , . | | 15 |
| 22 | Driving-situation-aware adaptive broadcasting rate scheme for vehicular ad hoc network. Journal of Intelligent and Fuzzy Systems, 2018, 35, 423-438. | 1.4 | 12 |
| 23 | Detecting Bogus Information Attack in Vehicular Ad Hoc Network: A Context-Aware Approach. Procedia Computer Science, 2019, 163, 180-189. | 2.0 | 12 |
| 24 | Deep Kalman Neuro Fuzzy-Based Adaptive Broadcasting Scheme for Vehicular Ad Hoc Network: A Context-Aware Approach. IEEE Access, 2020, 8, 217744-217761. | 4.2 | 12 |
| 25 | Lightweight Anomaly Detection Scheme Using Incremental Principal Component Analysis and Support Vector Machine. Sensors, 2021, 21, 8017. | 3.8 | 11 |
| 26 | Fairness-Oriented Semichaotic Genetic Algorithm-Based Channel Assignment Technique for Node Starvation Problem in Wireless Mesh Networks. Computational Intelligence and Neuroscience, 2021, 2021, 1-19. | 1.7 | 8 |
| 27 | Data Verification and Misbehavior Detection in Vehicular Ad-hoc Networks. Jurnal Teknologi (Sciences and Engineering), 2015, 73, . | 0.4 | 8 |
| 28 | A Fuzzy-Based Context-Aware Misbehavior Detecting Scheme for Detecting Rogue Nodes in Vehicular Ad Hoc Network. Sensors, 2022, 22, 2810. | 3.8 | 8 |
| 29 | Deep-Ensemble and Multifaceted Behavioral Malware Variant Detection Model. IEEE Access, 2022, 10, 42762-42777. | 4.2 | 7 |
| 30 | Mobility pattern based misbehavior detection in vehicular adhoc networks to enhance safety. , 2014, , . | | 6 |
| 31 | Mobility information estimation algorithm using Kalman-filter for vehicular ad hoc networks. International Journal of Information and Computer Security, 2016, 8, 221. | 0.2 | 6 |
| 32 | Route Path Selection Optimization Scheme Based Link Quality Estimation and Critical Switch Awareness for Software Defined Networks. Applied Sciences (Switzerland), 2021, 11, 9100. | 2.5 | 6 |
| 33 | A User Mobility-Aware Fair Channel Assignment Scheme for Wireless Mesh Network. Lecture Notes in Electrical Engineering, 2020, , 531-541. | 0.4 | 5 |
| 34 | Path Selection With Critical Switch-Aware For Software Defined Networking. , 2021, , . | | 5 |
| 35 | Toward an Ensemble Behavioral-based Early Evasive Malware Detection Framework. , 2021, , . | | 5 |
| 36 | Fairness of Channel Assignment Algorithm Based on Weighted Links Ranking Scheme for Wireless Mesh Network. , 2018, , . | | 4 |

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|---|---------|----|-----------| 
| 37 | Quasi-Identifier Recognition Algorithm for Privacy Preservation of Cloud Data Based on Risk Reidentification. Wireless Communications and Mobile Computing, 2021, 2021, 1-13. | 1.2 | 4 |
| 38 | Mobility Pattern Based Misbehavior Detection to Avoid Collision in Vehicular Adhoc Networks. Lecture Notes in Computer Science, 2014, , 300-303. | 1.3 | 3 |
| 39 | PEW: Prediction-Based Early Dark Cores Wake-up Using Online Ridge Regression for Many-Core Systems. IEEE Access, 2021, 9, 124087-124099. | 4.2 | 3 |
| 40 | Robust Misbehavior Detection Scheme for Vehicular Network. , 2021, , . | | 3 |
| 41 | IMU: A Content Replacement Policy for CCN, Based on Immature Content Selection. Applied Sciences (Switzerland), 2022, 12, 344. | 2.5 | 2 |
| 42 | Performance Evaluation of Flowtable Eviction Mechanisms for Software Defined Networks considering Traffic Flows variabilities. , 2022, , . | | 2 |
| 43 | Hybrid Feature Selection by Combining Wrapper and Filter Methods for Malware Detection. , 2021, , . | | 1 |
| 44 | Prototype Regularized Manifold Regularization Technique for Semi-Supervised Online Extreme Learning Machine. Sensors, 2022, 22, 3113. | 3.8 | 1 |
| 45 | Motion Artifact Reduction Algorithm Using Sequential Adaptive Noise Filters and Estimation Methods for Mobile ECG. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 116-123. | 0.7 | 0 |
| 46 | Two Stage Integration of GPS, Kinematic Information, and Cooperative Awareness Messages Using Cascaded Kalman Filters. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 171-179. | 0.7 | 0 |
| 47 | Movement Pattern Extraction Method in OppNet Geocast Routing. Advances in Intelligent Systems and Computing, 2020, , 714-723. | 0.6 | 0 |