

Abeer Alsadoon

List of Publications by Year in descending order

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Version: 2024-02-01

207
papers

3,422
citations

201385

27
h-index

197535

49
g-index

214
all docs

214
docs citations

214
times ranked

2455
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Deep Learning for Aspect-Based Sentiment Analysis: A Comparative Review. Expert Systems With Applications, 2019, 118, 272-299. | 4.4 | 354 |
| 2 | Lung Cancer Detection using CT Scan Images. Procedia Computer Science, 2018, 125, 107-114. | 1.2 | 159 |
| 3 | A Systematic and Meta-Analysis Survey of Whale Optimization Algorithm. Computational Intelligence and Neuroscience, 2019, 2019, 1-25. | 1.1 | 143 |
| 4 | A systematic review: machine learning based recommendation systems for e-learning. Education and Information Technologies, 2020, 25, 2635-2664. | 3.5 | 134 |
| 5 | An Emotion Recognition Model Based on Facial Recognition in Virtual Learning Environment. Procedia Computer Science, 2018, 125, 2-10. | 1.2 | 132 |
| 6 | Ethical Implications of User Perceptions of Wearable Devices. Science and Engineering Ethics, 2018, 24, 1-28. | 1.7 | 99 |
| 7 | Performance of a Novel Chaotic Firefly Algorithm with Enhanced Exploration for Tackling Global Optimization Problems: Application for Dropout Regularization. Mathematics, 2021, 9, 2705. | 1.1 | 95 |
| 8 | Image Segmentation for Early Stage Brain Tumor Detection using Mathematical Morphological Reconstruction. Procedia Computer Science, 2018, 125, 115-123. | 1.2 | 89 |
| 9 | Dragonfly Algorithm and Its Applications in Applied Science Survey. Computational Intelligence and Neuroscience, 2019, 2019, 1-21. | 1.1 | 86 |
| 10 | Real-time COVID-19 diagnosis from X-Ray images using deep CNN and extreme learning machines stabilized by chimp optimization algorithm. Biomedical Signal Processing and Control, 2021, 68, 102764. | 3.5 | 86 |
| 11 | Hybrid Fruit-Fly Optimization Algorithm with K-Means for Text Document Clustering. Mathematics, 2021, 9, 1929. | 1.1 | 83 |
| 12 | Cat Swarm Optimization Algorithm: A Survey and Performance Evaluation. Computational Intelligence and Neuroscience, 2020, 2020, 1-20. | 1.1 | 71 |
| 13 | COV-ECGNET: COVID-19 detection using ECG trace images with deep convolutional neural network. Health Information Science and Systems, 2022, 10, 1. | 3.4 | 66 |
| 14 | A novel enhanced softmax loss function for brain tumour detection using deep learning. Journal of Neuroscience Methods, 2020, 330, 108520. | 1.3 | 65 |
| 15 | Datasets on statistical analysis and performance evaluation of backtracking search optimisation algorithm compared with its counterpart algorithms. Data in Brief, 2020, 28, 105046. | 0.5 | 61 |
| 16 | Fuzzy logic approach for infectious disease diagnosis: A methodical evaluation, literature and classification. Biocybernetics and Biomedical Engineering, 2019, 39, 937-955. | 3.3 | 60 |
| 17 | A new evolutionary algorithm: Learner performance based behavior algorithm. Egyptian Informatics Journal, 2021, 22, 213-223. | 4.4 | 59 |
| 18 | Donkey and smuggler optimization algorithm: A collaborative working approach to path finding. Journal of Computational Design and Engineering, 2019, 6, 562-583. | 1.5 | 56 |

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| 19 | Coronary Heart Disease Diagnosis Through Self-Organizing Map and Fuzzy Support Vector Machine with Incremental Updates. <i>International Journal of Fuzzy Systems</i> , 2020, 22, 1376-1388. | 2.3 | 53 |
| 20 | A novel rotational matrix and translation vector algorithm: geometric accuracy for augmented reality in oral and maxillofacial surgeries. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2018, 14, e1889. | 1.2 | 49 |
| 21 | A Comprehensive Survey on the Internet of Things with the Industrial Marketplace. <i>Sensors</i> , 2022, 22, 730. | 2.1 | 48 |
| 22 | SIFT based approach on Bangla sign language recognition. , 2015, , . | | 42 |
| 23 | A novel augmented reality (AR) scheme for knee replacement surgery by considering cutting error accuracy. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2019, 15, e1958. | 1.2 | 40 |
| 24 | Formal context reduction in deriving concept hierarchies from corpora using adaptive evolutionary clustering algorithm star. <i>Complex & Intelligent Systems</i> , 2021, 7, 2383-2398. | 4.0 | 37 |
| 25 | Deep learning neural networks for medical image segmentation of brain tumours for diagnosis: a recent review and taxonomy. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 455-483. | 3.3 | 33 |
| 26 | A multidisciplinary ensemble algorithm for clustering heterogeneous datasets. <i>Neural Computing and Applications</i> , 2021, 33, 10987-11010. | 3.2 | 33 |
| 27 | A multi hidden recurrent neural network with a modified grey wolf optimizer. <i>PLoS ONE</i> , 2019, 14, e0213237. | 1.1 | 32 |
| 28 | Speech Emotion Recognition Using Convolutional Neural Network and Long-Short Term Memory. <i>Multimedia Tools and Applications</i> , 2020, 79, 32917-32934. | 2.6 | 32 |
| 29 | Network slicing: a next generation 5G perspective. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2021, 2021, . | 1.5 | 30 |
| 30 | Enhanced e-health framework for security and privacy in healthcare system. , 2016, , . | | 29 |
| 31 | Deep learning for vision-based fall detection system: Enhanced optical dynamic flow. <i>Computational Intelligence</i> , 2021, 37, 578-595. | 2.1 | 29 |
| 32 | Early detection of lung cancer using SVM classifier in biomedical image processing. , 2017, , . | | 27 |
| 33 | A novel noise filtered and occlusion removal: navigational accuracy in augmented reality-based constructive jaw surgery. <i>Oral and Maxillofacial Surgery</i> , 2018, 22, 385-401. | 0.6 | 26 |
| 34 | Early diagnosis of breast cancer using contrast limited adaptive histogram equalization (CLAHE) and Morphology methods. , 2017, , . | | 23 |
| 35 | Deep learning neural network for texture feature extraction in oral cancer: enhanced loss function. <i>Multimedia Tools and Applications</i> , 2020, 79, 27867-27890. | 2.6 | 23 |
| 36 | Child Drawing Development Optimization Algorithm Based on Child's Cognitive Development. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 1337-1351. | 1.7 | 23 |

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| 37 | A novel cluster detection of COVID-19 patients and medical disease conditions using improved evolutionary clustering algorithm star. Computers in Biology and Medicine, 2021, 138, 104866. | 3.9 | 23 |
| 38 | Optimizing bag-of-tasks scheduling on cloud data centers using hybrid swarm-intelligence meta-heuristic. Journal of Supercomputing, 2022, 78, 9121-9183. | 2.4 | 22 |
| 39 | Using simulators for teaching computer organization and architecture. Computer Applications in Engineering Education, 2016, 24, 215-224. | 2.2 | 19 |
| 40 | Bangla Sign Language recognition using convolutional neural network. , 2017, , . | | 19 |
| 41 | Deep convolutional network for breast cancer classification: enhanced loss function (ELF). Journal of Supercomputing, 2020, 76, 8548-8565. | 2.4 | 19 |
| 42 | ANA: Ant Nesting Algorithm for Optimizing Real-World Problems. Mathematics, 2021, 9, 3111. | 1.1 | 19 |
| 43 | Evaluating the accuracy of wearable heart rate monitors. , 2016, , . | | 18 |
| 44 | Generative adversarial network (GAN) and enhanced root mean square error (ERMSE): deep learning for stock price movement prediction. Multimedia Tools and Applications, 2022, 81, 3995-4013. | 2.6 | 18 |
| 45 | Experiments on the MFCC application in speaker recognition using Matlab. , 2017, , . | | 16 |
| 46 | Next word prediction based on the N-gram model for Kurdish Sorani and Kurmanji. Neural Computing and Applications, 2021, 33, 4547-4566. | 3.2 | 16 |
| 47 | Object detection and recognition: using deep learning to assist the visually impaired. Disability and Rehabilitation: Assistive Technology, 2021, 16, 280-288. | 1.3 | 16 |
| 48 | Performance evaluation results of evolutionary clustering algorithm star for clustering heterogeneous datasets. Data in Brief, 2021, 36, 107044. | 0.5 | 15 |
| 49 | Designing Touch-Based Hybrid Authentication Method for Smartphones. Procedia Computer Science, 2015, 70, 198-204. | 1.2 | 14 |
| 50 | Should academic research be relevant and useful to practitioners? The contrasting difference between three applied disciplines. Studies in Higher Education, 2020, 45, 129-144. | 2.9 | 14 |
| 51 | A Novel Solution of Using Deep Learning for White Blood Cells Classification: Enhanced Loss Function with Regularization and Weighted Loss (ELFRWL). Neural Processing Letters, 2020, 52, 1517-1553. | 2.0 | 14 |
| 52 | Pulmonary Diffuse Airspace Opacities Diagnosis from Chest X-Ray Images Using Deep Convolutional Neural Networks Fine-Tuned by Whale Optimizer. Wireless Personal Communications, 2022, 124, 1355-1374. | 1.8 | 14 |
| 53 | Current Studies and Applications of Shuffled Frog Leaping Algorithm: A Review. Archives of Computational Methods in Engineering, 2022, 29, 3459-3474. | 6.0 | 14 |
| 54 | An evaluation of Reber stemmer with longest match stemmer technique in Kurdish Sorani text classification. Iran Journal of Computer Science, 2018, 1, 99-107. | 1.8 | 13 |

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| 55 | A novel modified undersampling (MUS) technique for software defect prediction. Computational Intelligence, 2019, 35, 1003-1020. | 2.1 | 13 |
| 56 | Dynamic Cat Swarm Optimization algorithm for backboard wiring problem. Neural Computing and Applications, 2021, 33, 13981-13997. | 3.2 | 13 |
| 57 | Impact of wireless communications technologies on elder people healthcare: Smart home in Australia. , 2016, , . | | 12 |
| 58 | A novel mixed reality in breast and constructive jaw surgical tele-presence. Computer Methods and Programs in Biomedicine, 2019, 177, 253-268. | 2.6 | 12 |
| 59 | Multi-objective learner performance-based behavior algorithm with five multi-objective real-world engineering problems. Neural Computing and Applications, 2022, 34, 6307-6329. | 3.2 | 12 |
| 60 | Incorporating skin color for improved face detection and tracking system. , 2016, , . | | 11 |
| 61 | Deep learning for liver tumour classification: enhanced loss function. Multimedia Tools and Applications, 2021, 80, 4729-4750. | 2.6 | 11 |
| 62 | A survey on dragonfly algorithm and its applications in engineering. Evolutionary Intelligence, 2023, 16, 1-21. | 2.3 | 11 |
| 63 | Framework to improve delivery methods in higher education through online learning. , 2015, , . | | 10 |
| 64 | Distributed Denial of Service attack on cloud: Detection and prevention. , 2015, , . | | 10 |
| 65 | Impacts of Mobile Cloud Learning (MCL) on Blended Flexible Learning (BFL). , 2016, , . | | 10 |
| 66 | A novel approach for early prediction of sudden cardiac death (SCD) using hybrid deep learning. Multimedia Tools and Applications, 2021, 80, 8063-8090. | 2.6 | 10 |
| 67 | A novel enhanced region proposal network and modified loss function: threat object detection in secure screening using deep learning. Journal of Supercomputing, 2021, 77, 3840-3869. | 2.4 | 10 |
| 68 | Supervised machine learning for early predicting the sepsis patient: modified mean imputation and modified chi-square feature selection. Multimedia Tools and Applications, 2021, 80, 20477-20500. | 2.6 | 10 |
| 69 | A novel solution of using deep learning for early prediction cardiac arrest in Sepsis patient: enhanced bidirectional long short-term memory (LSTM). Multimedia Tools and Applications, 2021, 80, 32639-32664. | 2.6 | 10 |
| 70 | A hybrid encryption model for secure cloud computing. , 2015, , . | | 9 |
| 71 | Development of a virtualized networking lab using GNS3 and VMware workstation. , 2016, , . | | 9 |
| 72 | A recent review and a taxonomy for multimedia application in Mobile cloud computing based energy efficient transmission. Multimedia Tools and Applications, 2020, 79, 31567-31594. | 2.6 | 9 |

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| 73 | A new K-means grey wolf algorithm for engineering problems. World Journal of Engineering, 2021, 18, 630-638. | 1.0 | 9 |
| 74 | Chaotic fitness-dependent optimizer for planning and engineering design. Soft Computing, 2021, 25, 14281-14295. | 2.1 | 9 |
| 75 | Enhanced Weighted Centroid Localization in RFID Technology: Patient Movement Tracking in Hospital. , 2019, , . | | 8 |
| 76 | A novel solution of using deep learning for left ventricle detection: Enhanced feature extraction. Computer Methods and Programs in Biomedicine, 2020, 197, 105751. | 2.6 | 8 |
| 77 | A Novel Enhanced Naïve Bayes Posterior Probability (ENBPP) Using Machine Learning: Cyber Threat Analysis. Neural Processing Letters, 2021, 53, 177-209. | 2.0 | 8 |
| 78 | Augmented reality for dental implant surgery: enhanced ICP. Journal of Supercomputing, 2021, 77, 1152-1176. | 2.4 | 8 |
| 79 | Elderly People Fall Detection System Using Skeleton Tracking and Recognition. American Journal of Applied Sciences, 2018, 15, 423-431. | 0.1 | 7 |
| 80 | Implementation of cryptography in steganography for enhanced security. Multimedia Tools and Applications, 2019, 78, 32721-32734. | 2.6 | 7 |
| 81 | A novel deep learning system for facial feature extraction by fusing CNN and MB-LBP and using enhanced loss function. Multimedia Tools and Applications, 2020, 79, 31027-31047. | 2.6 | 7 |
| 82 | A novel solution of enhanced loss function using deep learning in sleep stage classification: predict and diagnose patients with sleep disorders. Multimedia Tools and Applications, 2021, 80, 11607-11630. | 2.6 | 7 |
| 83 | Artificial Flora Optimization Algorithm with Genetically Guided Operators for Feature Selection and Neural Network Training. International Journal of Fuzzy Systems, 2022, 24, 2538-2559. | 2.3 | 7 |
| 84 | Learner-facing learning analytic " Feedback and motivation: A critique. Learning and Motivation, 2022, 77, 101764. | 0.6 | 7 |
| 85 | A novel robust camera mouse for disabled people (RCMDP). , 2016, , . | | 6 |
| 86 | Cloud Computing Potability with Risk Assessment. , 2016, , . | | 6 |
| 87 | Hybrid Secure and Scalable Electronic Health Record Sharing in Hybrid Cloud. , 2017, , . | | 6 |
| 88 | A novel solution for a Wireless Body Sensor Network: Telehealth elderly people monitoring. Egyptian Informatics Journal, 2020, 21, 91-103. | 4.4 | 6 |
| 89 | A novel Modified Chaotic Simplified Advanced Encryption System (MCS-AES): mixed reality for a secure surgical tele-presence. Multimedia Tools and Applications, 2020, 79, 29043-29067. | 2.6 | 6 |
| 90 | DPV: a taxonomy for utilizing deep learning as a prediction technique for various types of cancers detection. Multimedia Tools and Applications, 2021, 80, 21339-21361. | 2.6 | 6 |

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| 91 | A Simulation Model for Pedestrian Crowd Evacuation Based on Various AI Techniques. Revue D'Intelligence Artificielle, 2019, 33, 283-292. | 0.5 | 6 |
| 92 | Enhanced Apriori Algorithm model in course suggestion system. , 2015, , . | | 5 |
| 93 | A model to improve Quality of Service (QoS) in cloud based Virtual lab framework. , 2015, , . | | 5 |
| 94 | Upgrading Internet service provider (ISP) network in multiprotocol label switching (MPLS) and border gateway protocol (BGP) environment. , 2016, , . | | 5 |
| 95 | Using software simulators to enhance the learning of digital logic design for the information technology students. European Journal of Engineering Education, 2017, 42, 533-546. | 1.5 | 5 |
| 96 | Modified LEACH algorithm for wireless sensor networks in agricultural field. , 2017, , . | | 5 |
| 97 | Evolutionary DNA Computing Algorithm for Job Scheduling Problem. IETE Journal of Research, 2018, 64, 514-527. | 1.8 | 5 |
| 98 | Early stage oral cavity cancer detection: Anisotropic pre-processing and fuzzy C-means segmentation. , 2018, , . | | 5 |
| 99 | Remote Surgeon Hand Motion and Occlusion Removal in Mixed Reality in Breast Surgical Telepresence: Rural and Remote Care. American Journal of Applied Sciences, 2018, 15, 497-509. | 0.1 | 5 |
| 100 | A novel augmented reality to visualize the hidden organs and internal structure in surgeries. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, e2055. | 1.2 | 5 |
| 101 | A novel solution of using deep learning for prostate cancer segmentation: enhanced batch normalization. Multimedia Tools and Applications, 2021, 80, 21293-21313. | 2.6 | 5 |
| 102 | A novel deep learning neural network for fast-food image classification and prediction using modified loss function. Multimedia Tools and Applications, 2021, 80, 25453. | 2.6 | 5 |
| 103 | Utilizing Blockchain for IoT Privacy through Enhanced ECIES with Secure Hash Function. Future Internet, 2022, 14, 77. | 2.4 | 5 |
| 104 | Deep learning for sleep stages classification: modified rectified linear unit activation function and modified orthogonal weight initialisation. Multimedia Tools and Applications, 2022, 81, 9855-9874. | 2.6 | 5 |
| 105 | Medical dataset classification for Kurdish short text over social media. Data in Brief, 2022, 42, 108089. | 0.5 | 5 |
| 106 | Incorporating simulation tools in the teaching of digital logic design. , 2014, , . | | 4 |
| 107 | Hybrid method for Gait recognition using SVM and Baysian Network. , 2015, , . | | 4 |
| 108 | Secure paradigm for web application development. , 2016, , . | | 4 |

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| 109 | Students perception on the use of social media to learn English within secondary education in developing countries. , 2016, , . | | 4 |
| 110 | Synchronous virtual classroom for student with ADHD disorder. , 2016, , . | | 4 |
| 111 | Integration of assistive and wearable technology to improve communication, social interaction and health monitoring for children with autism spectrum disorder (ASD). , 2017, , . | | 4 |
| 112 | A recent review and a taxonomy for hard and soft tissue visualizationâ€¢based mixed reality. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, 1-22. | 1.2 | 4 |
| 113 | A novel visualization system of using augmented reality in knee replacement surgery: Enhanced bidirectional maximum correntropy algorithm. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2223. | 1.2 | 4 |
| 114 | DDV: A Taxonomy for Deep Learning Methods in Detecting Prostate Cancer. Neural Processing Letters, 2021, 53, 2665-2685. | 2.0 | 4 |
| 115 | An extensive dataset of handwritten central Kurdish isolated characters. Data in Brief, 2021, 39, 107479. | 0.5 | 4 |
| 116 | MRI-based Diagnosis of Brain Tumours Using a Deep Neural Network Framework. , 2020, , . | | 4 |
| 117 | Deep learning neural networks for emotion classification from text: enhanced leaky rectified linear unit activation and weighted loss. Multimedia Tools and Applications, 2022, 81, 15439-15468. | 2.6 | 4 |
| 118 | Enhanced Virtual Password Authentication Scheme Resistant to Shoulder Surfing. , 2015, , . | | 3 |
| 119 | An improvement of backbone network security using DMVPN over an EZVPN structure. , 2016, , . | | 3 |
| 120 | Impact of using mobile devices in earthquake. , 2016, , . | | 3 |
| 121 | Face recognition template in photo indexing: A proposal of hybrid Principal Component Analysis and triangular approach (PCAaTA). , 2016, , . | | 3 |
| 122 | Survey on memristor models. , 2016, , . | | 3 |
| 123 | Usability evaluation of Electronic Health Records using user integrated Heuristic Walkthrough method. , 2016, , . | | 3 |
| 124 | Improving Accuracy in Face Recognition Proposal to Create a Hybrid Photo Indexing Algorithm, Consisting of Principal Component Analysis and a Triangular Algorithm (PCAaTA). International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1756001. | 0.7 | 3 |
| 125 | A novel multiple communication paths for surgical telepresence videos delivery of the maxilla area in oral and maxillofacial surgery. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 873-883. | 1.7 | 3 |
| 126 | A novel enhanced intensityâ€¢based automatic registration: Augmented reality for visualization and localization cancer tumors. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, e2043. | 1.2 | 3 |

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| 127 | A novel enhanced hybrid recursive algorithm: Image processing based augmented reality for gallbladder and uterus visualisation. Egyptian Informatics Journal, 2020, 21, 105-118. | 4.4 | 3 |
| 128 | Augmented reality for narrow area navigation in jaw surgery: Modified tracking by detection volume subtraction algorithm. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, e2097. | 1.2 | 3 |
| 129 | A novel rotation invariant and Manhattan metric-based pose refinement: Augmented reality-based oral and maxillofacial surgery. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, e2077. | 1.2 | 3 |
| 130 | A novel solution for real time video and path quality, and latency minimization: tele-training in surgical education. Multimedia Tools and Applications, 2021, 80, 9615-9638. | 2.6 | 3 |
| 131 | A novel augmented reality visualization in jaw surgery: enhanced ICP based modified rotation invariant and modified correntropy. Multimedia Tools and Applications, 2021, 80, 23923. | 2.6 | 3 |
| 132 | Deep learning for breast cancer classification: Enhanced tangent function. Computational Intelligence, 2022, 38, 506-529. | 2.1 | 3 |
| 133 | A novel solution of an elastic net regularisation for dementia knowledge discovery using deep learning. Journal of Experimental and Theoretical Artificial Intelligence, 2023, 35, 807-829. | 1.8 | 3 |
| 134 | A novel solution of deep learning for endoscopic ultrasound image segmentation: enhanced computer aided diagnosis of gastrointestinal stromal tumor. Multimedia Tools and Applications, 0, , 1. | 2.6 | 3 |
| 135 | Secure data transmission in a real-time network for a tele-training education system. Multimedia Tools and Applications, 2022, 81, 27819-27836. | 2.6 | 3 |
| 136 | Deep learning for predicting the onset of type 2 diabetes: enhanced ensemble classifier using modified t-SNE. Multimedia Tools and Applications, 2022, 81, 27837-27852. | 2.6 | 3 |
| 137 | Influences of learning styles on learner satisfaction in E-learning environment. , 2015, , . | | 2 |
| 138 | Cultural impact on agile projects: Universal agile culture model (UACM). , 2016, , . | | 2 |
| 139 | Impact of e-Learning on students: A proposal and evaluation of enhanced e-learning model to increase the academic performance of university students. , 2016, , . | | 2 |
| 140 | Next generation cyber security solution for an eHealth organization. , 2017, , . | | 2 |
| 141 | A Proposed an Enhanced Authentication and Dual Encryption Algorithm: Secured Video Transmission in Surgical Tele-Training. American Journal of Applied Sciences, 2018, 15, 476-488. | 0.1 | 2 |
| 142 | Computer Aided Early Detection and Classification of Malignant Melanoma. , 2018, , . | | 2 |
| 143 | Reducing Deformation - Augmented Reality (AR) in Facelift Surgery: A Theoretical and Mathematical Study. , 2018, , . | | 2 |
| 144 | An enhanced one-time password with biometric authentication for mixed reality surgical Tele-presence. Multimedia Tools and Applications, 2021, 80, 10075-10100. | 2.6 | 2 |

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| 145 | A novel augmented reality for hidden organs visualisation in surgery: enhanced super-pixel with sub sampling and variance adaptive algorithm. Multimedia Tools and Applications, 2021, 80, 25411. | 2.6 | 2 |
| 146 | A DFC taxonomy of Speech emotion recognition based on convolutional neural network from speech signal. , 2020, , . | | 2 |
| 147 | A Novel Augmented Reality Approach in Oral and Maxillofacial Surgery: Super-Imposition Based on Modified Rigid and Non-Rigid Iterative Closest Point. , 2020, , . | | 2 |
| 148 | A comprehensive review and evaluation on text predictive and entertainment systems. Soft Computing, 2022, 26, 1541-1562. | 2.1 | 2 |
| 149 | Enhancing the prediction of type 2 diabetes mellitus using sparse balanced SVM. Multimedia Tools and Applications, 0, , . | 2.6 | 2 |
| 150 | Designing a Comprehensive Security Framework for Smartphones and Mobile Devices. American Journal of Engineering and Applied Sciences, 2016, 9, 724-734. | 0.3 | 1 |
| 151 | Development of the Wireless Cisco Networking Laboratory pod. , 2016, , . | | 1 |
| 152 | Detecting Occluded Faces in Unconstrained Crowd Digital Pictures. , 2016, , . | | 1 |
| 153 | A Proposed Robust Video Watermarking Algorithm: Enhanced Extraction from Geometric Attacks. , 2016, , . | | 1 |
| 154 | A game-based learning model for English classes in a secondary school. , 2016, , . | | 1 |
| 155 | A proposed method on painting authentication using Contourelet transform (PAUCT). , 2016, , . | | 1 |
| 156 | Spam filtering email classification (SFECM) using gain and graph mining algorithm. , 2017, , . | | 1 |
| 157 | Early diagnosis of Alzheimer using mini mental state examination method: MMSE. , 2017, , . | | 1 |
| 158 | The effect of culture and belief systems on studentsâ€™ academic buoyancy. Education and Information Technologies, 2018, 23, 1465-1482. | 3.5 | 1 |
| 159 | Segment based model for TCP protocol optimization: Enhancing the bandwidth and congestion. , 2018, , . | | 1 |
| 160 | Impact of privacy invasion in social network sites. , 2018, , . | | 1 |
| 161 | A novel solution for an efficient telecollaborating in surgical medical education: Three-dimensional teleimmersion systems. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3608. | 2.6 | 1 |
| 162 | Wearable Devices for Monitoring Dementia Sufferers: A Review and Framework for Discussion. , 2019, , . | | 1 |

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| 163 | Health Monitoring based on Wireless Sensor Networks: A Comprehensive Framework. , 2019, , . | | 1 |
| 164 | A novel solution for real-time wireless networks: Telehealth psychological services in rural area. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3550. | 2.6 | 1 |
| 165 | An Improved Simulation Model for Pedestrian Crowd Evacuation. Mathematics, 2020, 8, 2171. | 1.1 | 1 |
| 166 | Novel secure surgical telepresence using enhanced advanced encryption standard: during, pre and post surgery. Multimedia Tools and Applications, 2020, 79, 14265-14290. | 2.6 | 1 |
| 167 | A novel secure solution of using mixed reality in data transmission for bowel and jaw surgical telepresence: enhanced rivest cipher RC6 block cipher. Multimedia Tools and Applications, 2021, 80, 5021-5046. | 2.6 | 1 |
| 168 | A novel enhanced energy function using augmented reality for a bowel: modified region and weighted factor. Multimedia Tools and Applications, 2021, 80, 17893-17922. | 2.6 | 1 |
| 169 | A novel gaussian distribution and tukey weight (gdatw) algorithms: deformation accuracy for augmented reality (ar) in facelift surgery. Multimedia Tools and Applications, 2021, 80, 15719-15743. | 2.6 | 1 |
| 170 | Enhanced classification loss functions and regularization loss function (ECLFaRLF) algorithm for bowel cancer feature classification. Multimedia Tools and Applications, 2021, 80, 21561-21578. | 2.6 | 1 |
| 171 | A novel solution of using mixed reality in bowel and oral and maxillofacial surgical telepresence: 3D mean value cloning algorithm. International Journal of Medical Robotics and Computer Assisted Surgery, 2021, 17, e2224. | 1.2 | 1 |
| 172 | Modified quality video: transmission control protocol (TCP) friendly for controlling a congestion. Multimedia Tools and Applications, 2021, 80, 20907-20928. | 2.6 | 1 |
| 173 | Augmented reality navigation for liver surgery: an enhanced coherent point drift algorithm based hybrid optimization scheme. Multimedia Tools and Applications, 2021, 80, 28179-28200. | 2.6 | 1 |
| 174 | A Review-Based Taxonomy for Secure Health Care Monitoring: Wireless Smart Cameras. Journal of Applied Security Research, 2023, 18, 16-48. | 0.8 | 1 |
| 175 | A Novel Intelligent System for Detection of Type 2 Diabetes with Modified Loss Function and Regularization. Programming and Computer Software, 2021, 47, 402-414. | 0.5 | 1 |
| 176 | Mixed reality using illumination-aware gradient mixing in surgical telepresence: enhanced multi-layer visualization. Multimedia Tools and Applications, 2022, 81, 1153-1178. | 2.6 | 1 |
| 177 | A solution for synchronous incremental maintenance of materialized views based on SQL recursive query. Eastern-European Journal of Enterprise Technologies, 2019, 5, 6-17. | 0.3 | 1 |
| 178 | Software Defect Prediction Using Atomic Rule Mining and Random Forest. , 2020, , . | | 1 |
| 179 | Survey on Real-Time Tracking and Treatment of Infectious Diseases Using Mixed Reality in Visualisation Technique with Autoimmune Therapy. , 2020, , . | | 1 |
| 180 | A novel solution of deep learning for sleep apnea detection: enhancement of SC and elimination of GVICS. Multimedia Tools and Applications, 2022, 81, 38569-38592. | 2.6 | 1 |

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| 181 | Extracting unique personal identification number from iris. , 2016, , . | | 0 |
| 182 | An extended OpenFlow model: An incorporation of initial messages in a virtual environment. , 2016, , . | | 0 |
| 183 | Cloud-based learning: A study on rapid learning content development with an Agile method. , 2016, , . | | 0 |
| 184 | Progress of agile movements in Australia: Propose a Universal Dynamic System Development Method (UDSDM) and universal framework. , 2016, , . | | 0 |
| 185 | The effect of considering individual learning processes when creating online learning environments: A comparison of offline and online content materials. , 2017, , . | | 0 |
| 186 | A Weight Joint-Based Clustering (WJC) Method for Secure Monitoring System. Procedia Computer Science, 2018, 125, 640-646. | 1.2 | 0 |
| 187 | Prediction of dementia by increasing subspace size in rank forest. , 2018, , . | | 0 |
| 188 | Interactive Adaptation Algorithm for Neurorehabilitation of Sensorimotor Function. , 2018, , . | | 0 |
| 189 | A Novel Weighted Integral Energy Functional (WIEF) Algorithm: Augmented Reality (AR) for Visualising the Blood Vessels in Breast Implant Surgeries. American Journal of Applied Sciences, 2018, 15, 443-455. | 0.1 | 0 |
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