

# Abeer Alsadoon

## List of Publications by Year in descending order

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207  
papers

3,422  
citations

201674

27  
h-index

197818

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.	7.6	354
2	Lung Cancer Detection using CT Scan Images. Procedia Computer Science, 2018, 125, 107-114.	2.0	159
3	A Systematic and Meta-Analysis Survey of Whale Optimization Algorithm. Computational Intelligence and Neuroscience, 2019, 2019, 1-25.	1.7	143
4	A systematic review: machine learning based recommendation systems for e-learning. Education and Information Technologies, 2020, 25, 2635-2664.	5.7	134
5	An Emotion Recognition Model Based on Facial Recognition in Virtual Learning Environment. Procedia Computer Science, 2018, 125, 2-10.	2.0	132
6	Ethical Implications of User Perceptions of Wearable Devices. Science and Engineering Ethics, 2018, 24, 1-28.	2.9	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.	2.2	95
8	Image Segmentation for Early Stage Brain Tumor Detection using Mathematical Morphological Reconstruction. Procedia Computer Science, 2018, 125, 115-123.	2.0	89
9	Dragonfly Algorithm and Its Applications in Applied Science Survey. Computational Intelligence and Neuroscience, 2019, 2019, 1-21.	1.7	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.	5.7	86
11	Hybrid Fruit-Fly Optimization Algorithm with K-Means for Text Document Clustering. Mathematics, 2021, 9, 1929.	2.2	83
12	Cat Swarm Optimization Algorithm: A Survey and Performance Evaluation. Computational Intelligence and Neuroscience, 2020, 2020, 1-20.	1.7	71
13	COV-ECGNET: COVID-19 detection using ECG trace images with deep convolutional neural network. Health Information Science and Systems, 2022, 10, 1.	5.2	66
14	A novel enhanced softmax loss function for brain tumour detection using deep learning. Journal of Neuroscience Methods, 2020, 330, 108520.	2.5	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.	1.0	61
16	Fuzzy logic approach for infectious disease diagnosis: A methodical evaluation, literature and classification. Biocybernetics and Biomedical Engineering, 2019, 39, 937-955.	5.9	60
17	A new evolutionary algorithm: Learner performance based behavior algorithm. Egyptian Informatics Journal, 2021, 22, 213-223.	6.8	59
18	Donkey and smuggler optimization algorithm: A collaborative working approach to path finding. Journal of Computational Design and Engineering, 2019, 6, 562-583.	3.1	56

#	ARTICLE	IF	CITATIONS
19	Coronary Heart Disease Diagnosis Through Self-Organizing Map and Fuzzy Support Vector Machine with Incremental Updates. International Journal of Fuzzy Systems, 2020, 22, 1376-1388.	4.0	53
20	A novel rotational matrix and translation vector algorithm: geometric accuracy for augmented reality in oral and maxillofacial surgeries. International Journal of Medical Robotics and Computer Assisted Surgery, 2018, 14, e1889.	2.3	49
21	A Comprehensive Survey on the Internet of Things with the Industrial Marketplace. Sensors, 2022, 22, 730.	3.8	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. International Journal of Medical Robotics and Computer Assisted Surgery, 2019, 15, e1958.	2.3	40
24	Formal context reduction in deriving concept hierarchies from corpora using adaptive evolutionary clustering algorithm star. Complex & Intelligent Systems, 2021, 7, 2383-2398.	6.5	37
25	Deep learning neural networks for medical image segmentation of brain tumours for diagnosis: a recent review and taxonomy. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 455-483.	4.9	33
26	A multidisciplinary ensemble algorithm for clustering heterogeneous datasets. Neural Computing and Applications, 2021, 33, 10987-11010.	5.6	33
27	A multi hidden recurrent neural network with a modified grey wolf optimizer. PLoS ONE, 2019, 14, e0213237.	2.5	32
28	Speech Emotion Recognition Using Convolutional Neural Network and Long-Short Term Memory. Multimedia Tools and Applications, 2020, 79, 32917-32934.	3.9	32
29	Network slicing: a next generation 5G perspective. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, .	2.4	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. Computational Intelligence, 2021, 37, 578-595.	3.2	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. Oral and Maxillofacial Surgery, 2018, 22, 385-401.	1.3	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. Multimedia Tools and Applications, 2020, 79, 27867-27890.	3.9	23
36	Child Drawing Development Optimization Algorithm Based on Child's Cognitive Development. Arabian Journal for Science and Engineering, 2022, 47, 1337-1351.	3.0	23

#	ARTICLE	IF	CITATIONS
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.	7.0	23
38	Optimizing bag-of-tasks scheduling on cloud data centers using hybrid swarm-intelligence meta-heuristic. Journal of Supercomputing, 2022, 78, 9121-9183.	3.6	22
39	Using simulators for teaching computer organization and architecture. Computer Applications in Engineering Education, 2016, 24, 215-224.	3.4	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.	3.6	19
42	ANA: Ant Nesting Algorithm for Optimizing Real-World Problems. Mathematics, 2021, 9, 3111.	2.2	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.	3.9	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.	5.6	16
47	Object detection and recognition: using deep learning to assist the visually impaired. Disability and Rehabilitation: Assistive Technology, 2021, 16, 280-288.	2.2	16
48	Performance evaluation results of evolutionary clustering algorithm star for clustering heterogeneous datasets. Data in Brief, 2021, 36, 107044.	1.0	15
49	Designing Touch-Based Hybrid Authentication Method for Smartphones. Procedia Computer Science, 2015, 70, 198-204.	2.0	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.	4.5	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.	3.2	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.	2.7	14
53	Current Studies and Applications of Shuffled Frog Leaping Algorithm: A Review. Archives of Computational Methods in Engineering, 2022, 29, 3459-3474.	10.2	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.	2.5	13

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55	A novel modified undersampling (MUS) technique for software defect prediction. Computational Intelligence, 2019, 35, 1003-1020.	3.2	13
56	Dynamic Cat Swarm Optimization algorithm for backboard wiring problem. Neural Computing and Applications, 2021, 33, 13981-13997.	5.6	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.	4.7	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.	5.6	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.	3.9	11
62	A survey on dragonfly algorithm and its applications in engineering. Evolutionary Intelligence, 2023, 16, 1-21.	3.6	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.	3.9	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.	3.6	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.	3.9	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.	3.9	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.	3.9	9

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73	A new K-means grey wolf algorithm for engineering problems. World Journal of Engineering, 2021, 18, 630-638.	1.6	9
74	Chaotic fitness-dependent optimizer for planning and engineering design. Soft Computing, 2021, 25, 14281-14295.	3.6	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.	4.7	8
77	A Novel Enhanced Naïve Bayes Posterior Probability (ENBPP) Using Machine Learning: Cyber Threat Analysis. Neural Processing Letters, 2021, 53, 177-209.	3.2	8
78	Augmented reality for dental implant surgery: enhanced ICP. Journal of Supercomputing, 2021, 77, 1152-1176.	3.6	8
79	Elderly People Fall Detection System Using Skeleton Tracking and Recognition. American Journal of Applied Sciences, 2018, 15, 423-431.	0.2	7
80	Implementation of cryptography in steganography for enhanced security. Multimedia Tools and Applications, 2019, 78, 32721-32734.	3.9	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.	3.9	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.	3.9	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.	4.0	7
84	Learner-facing learning analytic “ Feedback and motivation: A critique. Learning and Motivation, 2022, 77, 101764.	1.2	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.	6.8	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.	3.9	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.	3.9	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.	0.6	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.	2.3	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.	2.6	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.	0.2	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.	2.3	5
101	A novel solution of using deep learning for prostate cancer segmentation: enhanced batch normalization. Multimedia Tools and Applications, 2021, 80, 21293-21313.	3.9	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.	3.9	5
103	Utilizing Blockchain for IoT Privacy through Enhanced ECIES with Secure Hash Function. Future Internet, 2022, 14, 77.	3.8	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.	3.9	5
105	Medical dataset classification for Kurdish short text over social media. Data in Brief, 2022, 42, 108089.	1.0	5
106	Incorporating simulation tools in the teaching of digital logic design. , 2014, , .		4
107	Hybrid method for Gait recognition using SVM and Bayesian 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.	2.3	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.	2.3	4
114	DDV: A Taxonomy for Deep Learning Methods in Detecting Prostate Cancer. Neural Processing Letters, 2021, 53, 2665-2685.	3.2	4
115	An extensive dataset of handwritten central Kurdish isolated characters. Data in Brief, 2021, 39, 107479.	1.0	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.	3.9	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.	1.2	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.	2.8	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.	2.3	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.	6.8	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.	2.3	3
129	A novel rotation invariant and Manhattan metricâ€‘based pose refinement: Augmented realityâ€‘based oral and maxillofacial surgery. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, e2077.	2.3	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.	3.9	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.	3.9	3
132	Deep learning for breast cancer classification: Enhanced tangent function. Computational Intelligence, 2022, 38, 506-529.	3.2	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.	2.8	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.	3.9	3
135	Secure data transmission in a real-time network for a tele-training education system. Multimedia Tools and Applications, 2022, 81, 27819-27836.	3.9	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.	3.9	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.	0.2	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.	3.9	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.	3.9	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.	3.6	2
149	Enhancing the prediction of type 2 diabetes mellitus using sparse balanced SVM. Multimedia Tools and Applications, 0, , .	3.9	2
150	Designing a Comprehensive Security Framework for Smartphones and Mobile Devices. American Journal of Engineering and Applied Sciences, 2016, 9, 724-734.	0.6	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.	5.7	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.	3.9	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.	3.9	1
165	An Improved Simulation Model for Pedestrian Crowd Evacuation. Mathematics, 2020, 8, 2171.	2.2	1
166	Novel secure surgical telepresence using enhanced advanced encryption standard: during, pre and post surgery. Multimedia Tools and Applications, 2020, 79, 14265-14290.	3.9	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.	3.9	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.	3.9	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.	3.9	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.	3.9	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.	2.3	1
172	Modified quality video: transmission control protocol (TCP) friendly for controlling a congestion. Multimedia Tools and Applications, 2021, 80, 20907-20928.	3.9	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.	3.9	1
174	A Review-Based Taxonomy for Secure Health Care Monitoring: Wireless Smart Cameras. Journal of Applied Security Research, 2023, 18, 16-48.	1.2	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.	0.9	1
176	Mixed reality using illumination-aware gradient mixing in surgical telepresence: enhanced multi-layer visualization. Multimedia Tools and Applications, 2022, 81, 1153-1178.	3.9	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.	0.5	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.	3.9	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.	2.0	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.	0.2	0
190	Sound Detection Technology and Heronâ€™s Law for Secure Monitoring System. , 2019, , .		0
191	Rise of Social Media Marketing: A Perspective on Health Insurance. , 2019, , .		0
192	Systems Analysis of Acoustic Underwater Sensor Networks: A Taxonomy. , 2019, , .		0
193	A Novel Visualization System of Using Augmented Reality in Knee Replacement Surgery: Enhanced Bidirectional Maximum CorrentropyAlgorithm. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, , e2154.	2.3	0
194	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, 2020, , e2161.	2.3	0
195	A Novel Intelligent System for Detection of Type 2 Diabetes with Modified Loss Function and Regularization. Proceedings of the Institute for System Programming of RAS, 2021, 33, 93-114.	0.1	0
196	A novel secure solution of using mixed reality in data transmission for bowel and jaw surgical training: markov property using SHA 256. Multimedia Tools and Applications, 2021, 80, 18917-18939.	3.9	0
197	Multi-stage error control technique for improving 3DV transmission over OFDM wireless systems. Multimedia Tools and Applications, 2021, 80, 33799-33825.	3.9	0
198	Biomedical Text Recognition Using Convolutional Neural Networks: Content Based Deep Learning. Communications in Computer and Information Science, 2020, , 593-604.	0.5	0

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199	Intelligent System for Early Detection and Classification of Breast Cancer: Data Driven Learning. Lecture Notes in Computer Science, 2020, , 593-605.	1.3	0
200	A Hybrid Method of Smart Scanning and Terrestrial Laser Scanner (SSaTLS): Improving the Accuracy of the Measurement Method. , 2020, , .		0
201	Enhancing Local Binary Patterns for higher accuracy in Fatty Liver classification using Deep Learning. , 2020, , .		0
202	A Novel Softmax Regression Enhancement for Handwritten Digits Recognition using Tensor Flow Library. , 2020, , .		0
203	A Novel Hybrid Fall Detection Technique Using Body Part Tracking and Acceleration. , 2020, , .		0
204	A Novel Solution of an Enhanced Error and Loss Function using Deep Learning for Hypertension Classification in Traditional Medicine. , 2020, , .		0
205	Enhanced the Quality of Telemedicine Real-Time Video Transmission and Distortion Minimization in Wireless Network. , 2020, , .		0
206	An enhanced algorithm for improving real-time video transmission for tele-training education. Multimedia Tools and Applications, 2022, 81, 1-20.	3.9	0
207	Augmented reality for visualization the narrow areas in jaw surgery: modified Correntropy based enhanced ICP algorithm. Multimedia Tools and Applications, 0, , 1.	3.9	0