

# Muhammad Attique Khan

## List of Publications by Year in descending order

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226  
papers

11,012  
citations

25034

57  
h-index

48315

88  
g-index

230  
all docs

230  
docs citations

230  
times ranked

4333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain tumor segmentation and classification by improved binomial thresholding and multi-features selection. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 1063-1082.	4.9	72
2	Human action recognition using fusion of multiview and deep features: an application to video surveillance. Multimedia Tools and Applications, 2024, 83, 14885-14911.	3.9	80
3	Offline signature verification system: a novel technique of fusion of GLCM and geometric features using SVM. Multimedia Tools and Applications, 2024, 83, 14959-14978.	3.9	31
4	A deep neural network and classical features based scheme for objects recognition: an application for machine inspection. Multimedia Tools and Applications, 2024, 83, 14935-14957.	3.9	41
5	Prosperous Human Gait Recognition: an end-to-end system based on pre-trained CNN features selection. Multimedia Tools and Applications, 2024, 83, 14979-14999.	3.9	44
6	Intelligent fusion-assisted skin lesion localization and classification for smart healthcare. Neural Computing and Applications, 2024, 36, 37-52.	5.6	37
7	M3BTCNet: multi model brain tumor classification using metaheuristic deep neural network features optimization. Neural Computing and Applications, 2024, 36, 95-110.	5.6	7
8	Optical character recognition (OCR) using partial least square (PLS) based feature reduction: an application to artificial intelligence for biometric identification. Journal of Enterprise Information Management, 2023, 36, 767-789.	7.5	16
9	Human gait analysis for osteoarthritis prediction: a framework of deep learning and kernel extreme learning machine. Complex & Intelligent Systems, 2023, 9, 2665-2683.	6.5	30
10	Time series forecasting of COVID-19 transmission in Asia Pacific countries using deep neural networks. Personal and Ubiquitous Computing, 2023, 27, 733-750.	2.8	52
11	iELMNet: Integrating Novel Improved Extreme Learning Machine and Convolutional Neural Network Model for Traffic Sign Detection. Big Data, 2023, 11, 323-338.	3.4	5
12	Skin lesion segmentation and classification: A unified framework of deep neural network features fusion and selection. Expert Systems, 2022, 39, e12497.	4.5	77
13	Entropy-controlled deep features selection framework for grape leaf diseases recognition. Expert Systems, 2022, 39, .	4.5	43
14	A multilevel paradigm for deep convolutional neural network features selection with an application to human gait recognition. Expert Systems, 2022, 39, e12541.	4.5	58
15	A hierarchical three-step superpixels and deep learning framework for skin lesion classification. Methods, 2022, 202, 88-102.	3.8	51
16	3D-semantic segmentation and classification of stomach infections using uncertainty aware deep neural networks. Complex & Intelligent Systems, 2022, 8, 3041-3057.	6.5	12
17	A decision support system for multimodal brain tumor classification using deep learning. Complex & Intelligent Systems, 2022, 8, 3007-3020.	6.5	86
18	An integrated framework for COVID-19 classification based on classical and quantum transfer learning from a chest radiograph. Concurrency Computation Practice and Experience, 2022, 34, e6434.	2.2	28

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19	Slippage phenomenon in hydromagnetic peristaltic rheology with hall current and viscous dissipation. International Journal of Nonlinear Sciences and Numerical Simulation, 2022, 23, 635-659.	1.0	12
20	A deep network designed for segmentation and classification of leukemia using fusion of the transfer learning models. Complex & Intelligent Systems, 2022, 8, 3105-3120.	6.5	33
21	Microscopic segmentation and classification of COVID-19 infection with ensemble convolutional neural network. Microscopy Research and Technique, 2022, 85, 385-397.	2.2	23
22	Discrete light sheet microscopic segmentation of left ventricle using morphological tuning and active contours. Microscopy Research and Technique, 2022, 85, 308-323.	2.2	2
23	Recognition and Tracking of Objects in a Clustered Remote Scene Environment. Computers, Materials and Continua, 2022, 70, 1699-1719.	1.9	9
24	Human Gait Recognition Using Deep Learning and Improved Ant Colony Optimization. Computers, Materials and Continua, 2022, 70, 2113-2130.	1.9	13
25	Multiclass Cucumber Leaf Diseases Recognition Using Best Feature Selection. Computers, Materials and Continua, 2022, 70, 3281-3294.	1.9	27
26	Human Gait Recognition: A Deep Learning and Best Feature Selection Framework. Computers, Materials and Continua, 2022, 70, 343-360.	1.9	3
27	Deep Rank-Based Average Pooling Network for Covid-19 Recognition. Computers, Materials and Continua, 2022, 70, 2797-2813.	1.9	38
28	A two-stream deep neural network-based intelligent system for complex skin cancer types classification. International Journal of Intelligent Systems, 2022, 37, 10621-10649.	5.7	50
29	Categorizing white blood cells by utilizing deep features of proposed 4B-AdditionNet-based CNN network with ant colony optimization. Complex & Intelligent Systems, 2022, 8, 3143-3159.	6.5	20
30	Brain tumor detection and classification using machine learning: a comprehensive survey. Complex & Intelligent Systems, 2022, 8, 3161-3183.	6.5	99
31	Multiclass Skin Lesion Classification Using Hybrid Deep Features Selection and Extreme Learning Machine. Sensors, 2022, 22, 799.	3.8	78
32	An Efficient Pareto Optimal Resource Allocation Scheme in Cognitive Radio-Based Internet of Things Networks. Sensors, 2022, 22, 451.	3.8	6
33	Breast Cancer Classification from Ultrasound Images Using Probability-Based Optimal Deep Learning Feature Fusion. Sensors, 2022, 22, 807.	3.8	119
34	Tracking of a Fixed-Shape Moving Object Based on the Gradient Descent Method. Sensors, 2022, 22, 1098.	3.8	13
35	Cucumber Leaf Diseases Recognition Using Multi Level Deep Entropy-ELM Feature Selection. Applied Sciences (Switzerland), 2022, 12, 593.	2.5	29
36	Deep Learning and Kurtosis-Controlled, Entropy-Based Framework for Human Gait Recognition Using Video Sequences. Electronics (Switzerland), 2022, 11, 334.	3.1	18

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37	Citrus Diseases Recognition Using Deep Improved Genetic Algorithm. Computers, Materials and Continua, 2022, 71, 3667-3684.	1.9	8
38	An Efficient Deep Learning Approach to Automatic Glaucoma Detection Using Optic Disc and Optic Cup Localization. Sensors, 2022, 22, 434.	3.8	59
39	Scalable offloading using machine learning methods for distributed multi-controller architecture of SDN networks. Journal of Supercomputing, 2022, 78, 10191-10210.	3.6	3
40	Endoscopy applications for the second law analysis in hydromagnetic peristaltic nanomaterial rheology. Scientific Reports, 2022, 12, 1580.	3.3	9
41	A review on multimodal medical image fusion: Compendious analysis of medical modalities, multimodal databases, fusion techniques and quality metrics. Computers in Biology and Medicine, 2022, 144, 105253.	7.0	103
42	HAREDNet: A deep learning based architecture for autonomous video surveillance by recognizing human actions. Computers and Electrical Engineering, 2022, 99, 107805.	4.8	11
43	A Long Short-Term Memory Biomarker-Based Prediction Framework for Alzheimer's Disease. Sensors, 2022, 22, 1475.	3.8	20
44	Fault Diagnostics and Tolerance Analysis of a Microgrid System Using Hamilton's Jacobi's Isaacs Equation and Game Theoretic Estimations in Sliding Mode Observers. Sensors, 2022, 22, 1597.	3.8	1
45	Investigation from sensitivity to optimality for the transmission and detection of pine wilt disease. European Physical Journal Plus, 2022, 137, 1.	2.6	3
46	Entropy Generation Analysis of Peristaltic Flow of Nanomaterial in a Rotating Medium through Generalized Complaint Walls of Micro-Channel with Radiation and Heat Flux Effects. Micromachines, 2022, 13, 375.	2.9	14
47	Intelligent Tracking of Mechanically Thrown Objects by Industrial Catching Robot for Automated In-Plant Logistics 4.0. Sensors, 2022, 22, 2113.	3.8	12
48	A New Statistical Features Based Approach for Bearing Fault Diagnosis Using Vibration Signals. Sensors, 2022, 22, 2012.	3.8	51
49	Backpropagated Intelligent Networks for the Entropy Generation and Joule Heating in Hydromagnetic Nanomaterial Rheology Over Surface with Variable Thickness. Arabian Journal for Science and Engineering, 2022, 47, 7753-7777.	3.0	17
50	A review on federated learning towards image processing. Computers and Electrical Engineering, 2022, 99, 107818.	4.8	23
51	A robust autonomous navigation and mapping system based on GPS and LiDAR data for unconstrained environment. Earth Science Informatics, 2022, 15, 2703-2715.	3.2	5
52	Customer Prioritization Integrated Supply Chain Optimization Model with Outsourcing Strategies. Big Data, 2022, , .	3.4	0
53	Hall effect on MHD Jeffrey fluid flow with Cattaneo's Christov heat flux model: an application of stochastic neural computing. Complex & Intelligent Systems, 2022, 8, 5177-5201.	6.5	16
54	Melanoma segmentation: A framework of improved DenseNet77 and UNET convolutional neural network. International Journal of Imaging Systems and Technology, 2022, 32, 2137-2153.	4.1	32

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55	A Hybrid Data-Driven Approach for Multistep Ahead Prediction of State of Health and Remaining Useful Life of Lithium-Ion Batteries. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.7	8
56	Skin Lesion Detection Using Recent Machine Learning Approaches. Studies in Big Data, 2022, , 193-211.	1.1	4
57	Human Gait Analysis: A Sequential Framework of Lightweight Deep Learning and Improved Moth-Flame Optimization Algorithm. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.7	12
58	COVID-19 Classification from Chest X-Ray Images: A Framework of Deep Explainable Artificial Intelligence. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.7	21
59	Deep CNN and geometric features-based gastrointestinal tract diseases detection and classification from wireless capsule endoscopy images. Journal of Experimental and Theoretical Artificial Intelligence, 2021, 33, 577-599.	2.8	92
60	A resource conscious human action recognition framework using 26-layered deep convolutional neural network. Multimedia Tools and Applications, 2021, 80, 35827-35849.	3.9	58
61	Optical dromions for perturbed nonlinear Schrödinger equation with cubic quintic septic media. Optik, 2021, 226, 165955.	2.9	14
62	Microscopic brain tumor detection and classification using <scp>3D CNN</scp> and feature selection architecture. Microscopy Research and Technique, 2021, 84, 133-149.	2.2	177
63	A framework of human action recognition using length control features fusion and weighted entropy-variances based feature selection. Image and Vision Computing, 2021, 106, 104090.	4.5	97
64	Effects of Gyro-Tactic Organisms in Bio-convective Nano-material with Heat Immersion, Stratification, and Viscous Dissipation. Arabian Journal for Science and Engineering, 2021, 46, 5907-5920.	3.0	35
65	Automated design for recognition of blood cells diseases from hematopathology using classical features selection and ELM. Microscopy Research and Technique, 2021, 84, 202-216.	2.2	33
66	Gastric Tract Infections Detection and Classification from Wireless Capsule Endoscopy using Computer Vision Techniques: A Review. Current Medical Imaging, 2021, 16, 1229-1242.	0.8	19
67	Breast Cancer Detection and Classification using Traditional Computer Vision Techniques: A Comprehensive Review. Current Medical Imaging, 2021, 16, 1187-1200.	0.8	30
68	Integrated CWT-CNN for Epilepsy Detection Using Multiclass EEG Dataset. Computers, Materials and Continua, 2021, 69, 471-486.	1.9	8
69	Classification of COVID-19 CT Scans via Extreme Learning Machine. Computers, Materials and Continua, 2021, 68, 1003-1019.	1.9	6
70	Intelligent Bayesian regularization networks for bio-convective nanofluid flow model involving gyro-tactic organisms with viscous dissipation, stratification and heat immersion. Engineering Applications of Computational Fluid Mechanics, 2021, 15, 1508-1530.	3.1	18
71	Multi-Layered Deep Learning Features Fusion for Human Action Recognition. Computers, Materials and Continua, 2021, 69, 4061-4075.	1.9	26
72	Video Analytics Framework for Human Action Recognition. Computers, Materials and Continua, 2021, 68, 3841-3859.	1.9	9

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73	Expert Hypertension Detection System Featuring Pulse Plethysmograph Signals and Hybrid Feature Selection and Reduction Scheme. <i>Sensors</i> , 2021, 21, 247.	3.8	29
74	A dynamic clustering technique based on deep reinforcement learning for Internet of vehicles. <i>Journal of Intelligent Manufacturing</i> , 2021, 32, 757-768.	7.3	25
75	A hybrid algorithm (BAPSO) for capacity configuration optimization in a distributed solar PV based microgrid. <i>Energy Reports</i> , 2021, 7, 7906-7912.	5.1	35
76	Effects of Variable Transport Properties on Heat and Mass Transfer in MHD Bioconvective Nanofluid Rheology with Gyrotactic Microorganisms: Numerical Approach. <i>Coatings</i> , 2021, 11, 231.	2.6	49
77	From ECG signals to images: a transformation based approach for deep learning. <i>PeerJ Computer Science</i> , 2021, 7, e386.	4.5	67
78	An Optimized Approach for Breast Cancer Classification for Histopathological Images Based on Hybrid Feature Set. <i>Current Medical Imaging</i> , 2021, 17, 136-147.	0.8	6
79	Pixels to Classes: Intelligent Learning Framework for Multiclass Skin Lesion Localization and Classification. <i>Computers and Electrical Engineering</i> , 2021, 90, 106956.	4.8	92
80	Prediction of COVID-19 - Pneumonia based on Selected Deep Features and One Class Kernel Extreme Learning Machine. <i>Computers and Electrical Engineering</i> , 2021, 90, 106960.	4.8	106
81	Recognizing apple leaf diseases using a novel parallel real-time processing framework based on MASK RCNN and transfer learning: An application for smart agriculture. <i>IET Image Processing</i> , 2021, 15, 2157-2168.	2.5	84
82	Attributes based skin lesion detection and recognition: A mask RCNN and transfer learning-based deep learning framework. <i>Pattern Recognition Letters</i> , 2021, 143, 58-66.	4.2	142
83	Feedback-Linearization-Based Fuel-Cell Adaptive-Control Paradigm in a Microgrid Using a Wavelet-Entrenched NeuroFuzzy Framework. <i>Energies</i> , 2021, 14, 1850.	3.1	7
84	Heat Transfer in Nanomaterial Suspension (CuO and Al <sub>2</sub> O <sub>3</sub> ) Using KKL Model. <i>Coatings</i> , 2021, 11, 417.	2.6	21
85	Skin Lesion Segmentation and Multiclass Classification Using Deep Learning Features and Improved Moth Flame Optimization. <i>Diagnostics</i> , 2021, 11, 811.	2.6	146
86	Analytical Assessment of (Al <sub>2</sub> O <sub>3</sub> -Ag/H <sub>2</sub> O) Hybrid Nanofluid Influenced by Induced Magnetic Field for Second Law Analysis with Mixed Convection, Viscous Dissipation and Heat Generation. <i>Coatings</i> , 2021, 11, 498.	2.6	27
87	Human Action Recognition using Machine Learning in Uncontrolled Environment. , 2021, , .		14
88	A deep survey on supervised learning based human detection and activity classification methods. <i>Multimedia Tools and Applications</i> , 2021, 80, 27867-27923.	3.9	17
89	Detection and Classification of Gastrointestinal Diseases using Machine Learning. <i>Current Medical Imaging</i> , 2021, 17, 479-490.	0.8	13
90	Real-time implementation of fast discriminative scale space tracking algorithm. <i>Journal of Real-Time Image Processing</i> , 2021, 18, 2347-2360.	3.5	11

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91	A probabilistic segmentation and entropy-rank correlation-based feature selection approach for the recognition of fruit diseases. Eurasip Journal on Image and Video Processing, 2021, 2021, .	2.6	11
92	Deep neural network features fusion and selection based on PLS regression with an application for crops diseases classification. Applied Soft Computing Journal, 2021, 103, 107164.	7.2	70
93	Entropy Generation Analysis and Radiated Heat Transfer in MHD (Al <sub>2</sub> O <sub>3</sub> -Cu/Water) Hybrid Nanofluid Flow. Micromachines, 2021, 12, 887.	2.9	20
94	Optimization of Correlation Filters Using Extended Particle Swarm Optimization Technique. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-13.	1.3	1
95	Classification of Diseases in Citrus Fruits using SqueezeNet. , 2021, , .		6
96	Extraction and Evaluation of Corpus Callosum from 2D Brain MRI Slice: A Study with Cuckoo Search Algorithm. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-15.	1.3	15
97	A joint framework of feature reduction and robust feature selection for cucumber leaf diseases recognition. Optik, 2021, 240, 166566.	2.9	33
98	Multiphase fault tolerance genetic algorithm for vm and task scheduling in datacenter. Information Processing and Management, 2021, 58, 102676.	8.6	15
99	A Non-Blind Deconvolution Semi Pipelined Approach to Understand Text in Blurry Natural Images for Edge Intelligence. Information Processing and Management, 2021, 58, 102675.	8.6	8
100	COVID19 Classification Using CT Images via Ensembles of Deep Learning Models. Computers, Materials and Continua, 2021, 69, 319-337.	1.9	20
101	Classification of Positive COVID-19 CT Scans using Deep Learning. Computers, Materials and Continua, 2021, 66, 2923-2938.	1.9	22
102	Multi-Class Skin Lesion Detection and Classification via Tele dermatology. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4267-4275.	6.3	86
103	Classification of cardiac disorders using <scp>1D</scp> local ternary patterns based on pulse plethysmograph signals. Expert Systems, 2021, 38, e12664.	4.5	17
104	Real-Time Violent Action Recognition Using Key Frames Extraction and Deep Learning. Computers, Materials and Continua, 2021, 69, 2217-2230.	1.9	13
105	An Integrated Design of Fuzzy C-Means and NCA-Based Multi-properties Feature Reduction for Brain Tumor Recognition. , 2021, , 1-28.		9
106	Impact of thermal radiation and non-uniform heat flux on MHD hybrid nanofluid along a stretching cylinder. Scientific Reports, 2021, 11, 20262.	3.3	28
107	Analysis of Brain MRI Images Using Improved CornerNet Approach. Diagnostics, 2021, 11, 1856.	2.6	27
108	COVID-19 Case Recognition from Chest CT Images by Deep Learning, Entropy-Controlled Firefly Optimization, and Parallel Feature Fusion. Sensors, 2021, 21, 7286.	3.8	63

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109	Human Gait Recognition: A Single Stream Optimal Deep Learning Features Fusion. Sensors, 2021, 21, 7584.	3.8	23
110	VGG19 Network Assisted Joint Segmentation and Classification of Lung Nodules in CT Images. Diagnostics, 2021, 11, 2208.	2.6	63
111	Improved Text Summarization of News Articles Using GA-HC and PSO-HC. Applied Sciences (Switzerland), 2021, 11, 10511.	2.5	4
112	Human Action Recognition: A Paradigm of Best Deep Learning Features Selection and Serial Based Extended Fusion. Sensors, 2021, 21, 7941.	3.8	40
113	Integrated intelligent computing application for effectiveness of Au nanoparticles coated over MWCNTs with velocity slip in curved channel peristaltic flow. Scientific Reports, 2021, 11, 22550.	3.3	29
114	An Expert System for Rotating Machine Fault Detection Using Vibration Signal Analysis. Sensors, 2021, 21, 7587.	3.8	32
115	A Rapid Artificial Intelligence-Based Computer-Aided Diagnosis System for COVID-19 Classification from CT Images. Behavioural Neurology, 2021, 2021, 1-13.	2.1	22
116	A Computer-Aided Diagnosis System Using Deep Learning for Multiclass Skin Lesion Classification. Computational Intelligence and Neuroscience, 2021, 2021, 1-15.	1.7	38
117	Mango Leaf Disease Recognition and Classification Using Novel Segmentation and Vein Pattern Technique. Applied Sciences (Switzerland), 2021, 11, 11901.	2.5	24
118	Automated Localization and Segmentation of Left Ventricle in Cardiac MRI using Faster R-CNN. , 2021, , .		0
119	A Decision Support System for Face Sketch Synthesis Using Deep Learning and Artificial Intelligence. Sensors, 2021, 21, 8178.	3.8	8
120	A framework for offline signature verification system: Best features selection approach. Pattern Recognition Letters, 2020, 139, 50-59.	4.2	106
121	A distinctive approach in brain tumor detection and classification using MRI. Pattern Recognition Letters, 2020, 139, 118-127.	4.2	234
122	Efficient hybrid approach to segment and classify exudates for DR prediction. Multimedia Tools and Applications, 2020, 79, 11107-11123.	3.9	19
123	Human action recognition: a framework of statistical weighted segmentation and rank correlation-based selection. Pattern Analysis and Applications, 2020, 23, 281-294.	4.6	40
124	Use of machine intelligence to conduct analysis of human brain data for detection of abnormalities in its cognitive functions. Multimedia Tools and Applications, 2020, 79, 10955-10973.	3.9	34
125	A novel approach for scene text extraction from synthesized hazy natural images. Pattern Analysis and Applications, 2020, 23, 1305-1322.	4.6	3
126	Brain tumor detection using fusion of hand crafted and deep learning features. Cognitive Systems Research, 2020, 59, 221-230.	2.7	248



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127	Enhancing fragility of zero-based text watermarking utilizing effective characters list. Multimedia Tools and Applications, 2020, 79, 341-354.	3.9	9
128	An integrated framework of skin lesion detection and recognition through saliency method and optimal deep neural network features selection. Neural Computing and Applications, 2020, 32, 15929-15948.	5.6	40
129	Brain tumor detection based on extreme learning. Neural Computing and Applications, 2020, 32, 15975-15987.	5.6	60
130	Gastrointestinal diseases segmentation and classification based on duo-deep architectures. Pattern Recognition Letters, 2020, 131, 193-204.	4.2	111
131	Active deep neural network features selection for segmentation and recognition of brain tumors using MRI images. Pattern Recognition Letters, 2020, 129, 181-189.	4.2	199
132	An integrated design of particle swarm optimization (PSO) with fusion of features for detection of brain tumor. Pattern Recognition Letters, 2020, 129, 150-157.	4.2	127
133	Hand-crafted and deep convolutional neural network features fusion and selection strategy: An application to intelligent human action recognition. Applied Soft Computing Journal, 2020, 87, 105986.	7.2	93
134	Brain tumor classification based on DWT fusion of MRI sequences using convolutional neural network. Pattern Recognition Letters, 2020, 129, 115-122.	4.2	147
135	Developed Newton-Raphson based deep features selection framework for skin lesion recognition. Pattern Recognition Letters, 2020, 129, 293-303.	4.2	104
136	A Machine Learning Method with Threshold Based Parallel Feature Fusion and Feature Selection for Automated Gait Recognition. Journal of Organizational and End User Computing, 2020, 32, 67-92.	2.9	46
137	Microscopic melanoma detection and classification: A framework of pixel-based fusion and multilevel features reduction. Microscopy Research and Technique, 2020, 83, 410-423.	2.2	75
138	An estimation of pressure rise and heat transfer rate for hybrid nanofluid with endoscopic effects and induced magnetic field: computational intelligence application. European Physical Journal Plus, 2020, 135, 1.	2.6	25
139	Pearson Correlation-Based Feature Selection for Document Classification Using Balanced Training. Sensors, 2020, 20, 6793.	3.8	61
140	Hybrid Malware Classification Method Using Segmentation-Based Fractal Texture Analysis and Deep Convolution Neural Network Features. Applied Sciences (Switzerland), 2020, 10, 4966.	2.5	86
141	Multimodal Brain Tumor Classification Using Deep Learning and Robust Feature Selection: A Machine Learning Application for Radiologists. Diagnostics, 2020, 10, 565.	2.6	231
142	Computer-Aided Gastrointestinal Diseases Analysis From Wireless Capsule Endoscopy: A Framework of Best Features Selection. IEEE Access, 2020, 8, 132850-132859.	4.2	104
143	StomachNet: Optimal Deep Learning Features Fusion for Stomach Abnormalities Classification. IEEE Access, 2020, 8, 197969-197981.	4.2	73
144	Skin Lesion Classification: An Optimized Framework of Optimal Color Features Selection. , 2020, , .		7

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145	Numerical treatment with Lobatto IIIA technique for radiative flow of MHD hybrid nanofluid (Al <sub>2</sub> O <sub>3</sub> -Cu/H <sub>2</sub> O) over a convectively heated stretchable rotating disk with velocity slip effects. AIP Advances, 2020, 10, .	1.3	39
146	Particle Swarm Optimization With Probability Sequence for Global Optimization. IEEE Access, 2020, 8, 110535-110549.	4.2	35
147	A Sustainable Deep Learning Framework for Object Recognition Using Multi-Layers Deep Features Fusion and Selection. Sustainability, 2020, 12, 5037.	3.2	105
148	Improved strategy for human action recognition; experiencing a cascaded design. IET Image Processing, 2020, 14, 818-829.	2.5	22
149	An automated system for cucumber leaf diseased spot detection and classification using improved saliency method and deep features selection. Multimedia Tools and Applications, 2020, 79, 18627-18656.	3.9	62
150	Nonlinear adaptive NeuroFuzzy feedback linearization based MPPT control schemes for photovoltaic system in microgrid. PLoS ONE, 2020, 15, e0234992.	2.5	16
151	Fruits diseases classification: exploiting a hierarchical framework for deep features fusion and selection. Multimedia Tools and Applications, 2020, 79, 25763-25783.	3.9	52
152	Multicriteria UAV Base Stations Placement for Disaster Management. IEEE Systems Journal, 2020, 14, 3475-3482.	4.6	33
153	Classification of stomach infections: A paradigm of convolutional neural network along with classical features fusion and selection. Microscopy Research and Technique, 2020, 83, 562-576.	2.2	106
154	Traditional Features based Automated System for Human Activities Recognition. , 2020, , .		3
155	Medical Imaging Fusion Techniques: A Survey Benchmark Analysis, Open Challenges and Recommendations. Journal of Medical Imaging and Health Informatics, 2020, 10, 2523-2531.	0.3	17
156	Review of Automated Computerized Methods for Brain Tumor Segmentation and Classification. Current Medical Imaging, 2020, 16, 823-834.	0.8	22
157	Melanoma Detection and Classification using Computerized Analysis of Dermoscopic Systems: A Review. Current Medical Imaging, 2020, 16, 794-822.	0.8	18
158	Numerical and analytical approach for Sakiadis rheology of generalized polymeric material with magnetic field and heat source/sink. Thermal Science, 2020, 24, 1183-1194.	1.1	6
159	Hydromagnetic Falkner-Skan fluid rheology with heat transfer properties. Thermal Science, 2020, 24, 339-346.	1.1	7
160	Numerical computing paradigms for the dynamics of squeezing rheology of third grade fluid. Thermal Science, 2020, 24, 4173-4182.	1.1	8
161	A Hybrid Deep Learning Architecture for the Classification of Superhero Fashion Products: An Application for Medical-Tech Classification. CMES - Computer Modeling in Engineering and Sciences, 2020, 124, 1017-1033.	1.1	14
162	Importance of Features Selection, Attributes Selection, Challenges and Future Directions for Medical Imaging Data: A Review. CMES - Computer Modeling in Engineering and Sciences, 2020, 125, 315-344.	1.1	21

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163	SCNN: A Secure Convolutional Neural Network using Blockchain. , 2020, , .		8
164	An Adaptive Image Processing Model of Plant Disease Diagnosis and Quantification Based on Color and Texture Histogram. , 2020, , .		3
165	Region Extraction and Classification of Skin Cancer: A Heterogeneous framework of Deep CNN Features Fusion and Reduction. Journal of Medical Systems, 2019, 43, 289.	3.6	167
166	LDPC check node implementation using reversible logic. IET Circuits, Devices and Systems, 2019, 13, 443-455.	1.4	7
167	An Optimization Framework for Codes Classification and Performance Evaluation of RISC Microprocessors. Symmetry, 2019, 11, 938.	2.2	1
168	A New Approach for Brain Tumor Segmentation and Classification Based on Score Level Fusion Using Transfer Learning. Journal of Medical Systems, 2019, 43, 326.	3.6	98
169	Lung Nodule Detection based on Ensemble of Hand Crafted and Deep Features. Journal of Medical Systems, 2019, 43, 332.	3.6	42
170	Stomach Deformities Recognition Using Rank-Based Deep Features Selection. Journal of Medical Systems, 2019, 43, 329.	3.6	53
171	A citrus fruits and leaves dataset for detection and classification of citrus diseases through machine learning. Data in Brief, 2019, 26, 104340.	1.0	129
172	ROBUST DISCRIMINATION OF LEUKOCYTES PROTUBERANT TYPES FOR EARLY DIAGNOSIS OF LEUKEMIA. Journal of Mechanics in Medicine and Biology, 2019, 19, 1950055.	0.7	28
173	Automatic Scene Recognition through Acoustic Classification for Behavioral Robotics. Electronics (Switzerland), 2019, 8, 483.	3.1	35
174	Intelligent microscopic approach for identification and recognition of citrus deformities. Microscopy Research and Technique, 2019, 82, 1542-1556.	2.2	27
175	Classification of gastrointestinal diseases of stomach from WCE using improved saliency-based method and discriminant features selection. Multimedia Tools and Applications, 2019, 78, 27743-27770.	3.9	44
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177	Multi-level features fusion and selection for human gait recognition: an optimized framework of Bayesian model and binomial distribution. International Journal of Machine Learning and Cybernetics, 2019, 10, 3601-3618.	3.6	54
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