

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	Detection and classification of citrus diseases in agriculture based on optimized weighted segmentation and feature selection. Computers and Electronics in Agriculture, 2018, 150, 220-234.	7.7	292
2	An automated detection and classification of citrus plant diseases using image processing techniques: A review. Computers and Electronics in Agriculture, 2018, 153, 12-32.	7.7	277
3	Brain tumor detection using fusion of hand crafted and deep learning features. Cognitive Systems Research, 2020, 59, 221-230.	2.7	248
4	A distinctive approach in brain tumor detection and classification using MRI. Pattern Recognition Letters, 2020, 139, 118-127.	4.2	234
5	Multimodal Brain Tumor Classification Using Deep Learning and Robust Feature Selection: A Machine Learning Application for Radiologists. Diagnostics, 2020, 10, 565.	2.6	231
6	Big data analysis for brain tumor detection: Deep convolutional neural networks. Future Generation Computer Systems, 2018, 87, 290-297.	7.5	224
7	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
8	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
9	CCDF: Automatic system for segmentation and recognition of fruit crops diseases based on correlation coefficient and deep CNN features. Computers and Electronics in Agriculture, 2018, 155, 220-236.	7.7	170
10	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
11	Brain tumor detection using statistical and machine learning method. Computer Methods and Programs in Biomedicine, 2019, 177, 69-79.	4.7	153
12	Brain tumor classification based on DWT fusion of MRI sequences using convolutional neural network. Pattern Recognition Letters, 2020, 129, 115-122.	4.2	147
13	Skin Lesion Segmentation and Multiclass Classification Using Deep Learning Features and Improved Moth Flame Optimization. Diagnostics, 2021, 11, 811.	2.6	146
14	Attributes based skin lesion detection and recognition: A mask RCNN and transfer learning-based deep learning framework. Pattern Recognition Letters, 2021, 143, 58-66.	4.2	142
15	Brain tumor detection and classification: A framework of marker-based watershed algorithm and multilevel priority features selection. Microscopy Research and Technique, 2019, 82, 909-922.	2.2	131
16	An improved strategy for skin lesion detection and classification using uniform segmentation and feature selection based approach. Microscopy Research and Technique, 2018, 81, 528-543.	2.2	129
17	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
18	An Optimized Method for Segmentation and Classification of Apple Diseases Based on Strong Correlation and Genetic Algorithm Based Feature Selection. IEEE Access, 2019, 7, 46261-46277.	4.2	128

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19	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
20	Breast Cancer Classification from Ultrasound Images Using Probability-Based Optimal Deep Learning Feature Fusion. Sensors, 2022, 22, 807.	3.8	119
21	Gastrointestinal diseases segmentation and classification based on duo-deep architectures. Pattern Recognition Letters, 2020, 131, 193-204.	4.2	111
22	A framework for offline signature verification system: Best features selection approach. Pattern Recognition Letters, 2020, 139, 50-59.	4.2	106
23	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
24	Prediction of COVID-19 - Pneumonia based on Selected Deep Features and One Class Kernel Extreme Learning Machine. Computers and Electrical Engineering, 2021, 90, 106960.	4.8	106
25	A Sustainable Deep Learning Framework for Object Recognition Using Multi-Layers Deep Features Fusion and Selection. Sustainability, 2020, 12, 5037.	3.2	105
26	Developed Newton-Raphson based deep features selection framework for skin lesion recognition. Pattern Recognition Letters, 2020, 129, 293-303.	4.2	104
27	Computer-Aided Gastrointestinal Diseases Analysis From Wireless Capsule Endoscopy: A Framework of Best Features Selection. IEEE Access, 2020, 8, 132850-132859.	4.2	104
28	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
29	AUTOMATED ULCER AND BLEEDING CLASSIFICATION FROM WCE IMAGES USING MULTIPLE FEATURES FUSION AND SELECTION. Journal of Mechanics in Medicine and Biology, 2018, 18, 1850038.	0.7	100
30	Brain tumor detection and classification using machine learning: a comprehensive survey. Complex & Intelligent Systems, 2022, 8, 3161-3183.	6.5	99
31	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
32	License number plate recognition system using entropy-based features selection approach with SVM. IET Image Processing, 2018, 12, 200-209.	2.5	97
33	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
34	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
35	An implementation of normal distribution based segmentation and entropy controlled features selection for skin lesion detection and classification. BMC Cancer, 2018, 18, 638.	2.6	92
36	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

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37	Pixels to Classes: Intelligent Learning Framework for Multiclass Skin Lesion Localization and Classification. Computers and Electrical Engineering, 2021, 90, 106956.	4.8	92
38	Multi-Model Deep Neural Network based Features Extraction and Optimal Selection Approach for Skin Lesion Classification. , 2019, , .		88
39	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
40	A decision support system for multimodal brain tumor classification using deep learning. Complex & Intelligent Systems, 2022, 8, 3007-3020.	6.5	86
41	Multi-Class Skin Lesion Detection and Classification via Teledermatology. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4267-4275.	6.3	86
42	Recognizing apple leaf diseases using a novel parallel real-time processing framework based on MASK RCNN and transfer learning: An application for smart agriculture. IET Image Processing, 2021, 15, 2157-2168.	2.5	84
43	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
44	Appearance based pedestrians' gender recognition by employing stacked auto encoders in deep learning. Future Generation Computer Systems, 2018, 88, 28-39.	7.5	79
45	Multiclass Skin Lesion Classification Using Hybrid Deep Features Selection and Extreme Learning Machine. Sensors, 2022, 22, 799.	3.8	78
46	Lungs nodule detection framework from computed tomography images using support vector machine. Microscopy Research and Technique, 2019, 82, 1256-1266.	2.2	77
47	Skin lesion segmentation and classification: A unified framework of deep neural network features fusion and selection. Expert Systems, 2022, 39, e12497.	4.5	77
48	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
49	StomachNet: Optimal Deep Learning Features Fusion for Stomach Abnormalities Classification. IEEE Access, 2020, 8, 197969-197981.	4.2	73
50	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
51	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
52	Removal of pectoral muscle based on topographic map and shape-shifting silhouette. BMC Cancer, 2018, 18, 778.	2.6	69
53	Construction of saliency map and hybrid set of features for efficient segmentation and classification of skin lesion. Microscopy Research and Technique, 2019, 82, 741-763.	2.2	69
54	Object detection and classification: a joint selection and fusion strategy of deep convolutional neural network and SIFT point features. Multimedia Tools and Applications, 2019, 78, 15751-15777.	3.9	69

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55	A novel classification scheme to decline the mortality rate among women due to breast tumor. <i>Microscopy Research and Technique</i> , 2018, 81, 171-180.	2.2	68
56	From ECG signals to images: a transformation based approach for deep learning. <i>PeerJ Computer Science</i> , 2021, 7, e386.	4.5	67
57	Neuro-evolutionary computing paradigm for Painlevé equation-II in nonlinear optics. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	65
58	COVID-19 Case Recognition from Chest CT Images by Deep Learning, Entropy-Controlled Firefly Optimization, and Parallel Feature Fusion. <i>Sensors</i> , 2021, 21, 7286.	3.8	63
59	VGG19 Network Assisted Joint Segmentation and Classification of Lung Nodules in CT Images. <i>Diagnostics</i> , 2021, 11, 2208.	2.6	63
60	Microscopic skin laceration segmentation and classification: A framework of statistical normal distribution and optimal feature selection. <i>Microscopy Research and Technique</i> , 2019, 82, 1471-1488.	2.2	62
61	An automated system for cucumber leaf diseased spot detection and classification using improved saliency method and deep features selection. <i>Multimedia Tools and Applications</i> , 2020, 79, 18627-18656.	3.9	62
62	Pearson Correlation-Based Feature Selection for Document Classification Using Balanced Training. <i>Sensors</i> , 2020, 20, 6793.	3.8	61
63	Fundus image classification methods for the detection of glaucoma: A review. <i>Microscopy Research and Technique</i> , 2018, 81, 1105-1121.	2.2	60
64	Brain tumor detection based on extreme learning. <i>Neural Computing and Applications</i> , 2020, 32, 15975-15987.	5.6	60
65	Lung Nodule Detection Using Polygon Approximation and Hybrid Features from CT Images. <i>Current Medical Imaging</i> , 2017, 14, 108-117.	0.8	60
66	An implementation of optimized framework for action classification using multilayers neural network on selected fused features. <i>Pattern Analysis and Applications</i> , 2019, 22, 1377-1397.	4.6	59
67	An Efficient Deep Learning Approach to Automatic Glaucoma Detection Using Optic Disc and Optic Cup Localization. <i>Sensors</i> , 2022, 22, 434.	3.8	59
68	A resource conscious human action recognition framework using 26-layered deep convolutional neural network. <i>Multimedia Tools and Applications</i> , 2021, 80, 35827-35849.	3.9	58
69	A multilevel paradigm for deep convolutional neural network features selection with an application to human gait recognition. <i>Expert Systems</i> , 2022, 39, e12541.	4.5	58
70	Fundus Image Segmentation and Feature Extraction for the Detection of Glaucoma: A New Approach. <i>Current Medical Imaging</i> , 2017, 14, 77-87.	0.8	58
71	Image Enhancement and Segmentation Techniques for Detection of Knee Joint Diseases: A Survey. <i>Current Medical Imaging</i> , 2018, 14, 704-715.	0.8	58
72	Skin lesion segmentation and recognition using multichannel saliency estimation and M-SVM on selected serially fused features. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 0, , 1.	4.9	54

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73	Multi-level features fusion and selection for human gait recognition: an optimized framework of Bayesian model and binomial distribution. <i>International Journal of Machine Learning and Cybernetics</i> , 2019, 10, 3601-3618.	3.6	54
74	Stomach Deformities Recognition Using Rank-Based Deep Features Selection. <i>Journal of Medical Systems</i> , 2019, 43, 329.	3.6	53
75	A new stochastic computing paradigm for nonlinear Painlevé II systems in applications of random matrix theory. <i>European Physical Journal Plus</i> , 2018, 133, 1.	2.6	52
76	Fruits diseases classification: exploiting a hierarchical framework for deep features fusion and selection. <i>Multimedia Tools and Applications</i> , 2020, 79, 25763-25783.	3.9	52
77	Time series forecasting of COVID-19 transmission in Asia Pacific countries using deep neural networks. <i>Personal and Ubiquitous Computing</i> , 2023, 27, 733-750.	2.8	52
78	A hierarchical three-step superpixels and deep learning framework for skin lesion classification. <i>Methods</i> , 2022, 202, 88-102.	3.8	51
79	A New Statistical Features Based Approach for Bearing Fault Diagnosis Using Vibration Signals. <i>Sensors</i> , 2022, 22, 2012.	3.8	51
80	A novel machine learning approach for scene text extraction. <i>Future Generation Computer Systems</i> , 2018, 87, 328-340.	7.5	50
81	A two-stream deep neural network-based intelligent system for complex skin cancer types classification. <i>International Journal of Intelligent Systems</i> , 2022, 37, 10621-10649.	5.7	50
82	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
83	Brain Tumor Detection from MRI images using Multi-level Wavelets. , 2019, , .		47
84	A Machine Learning Method with Threshold Based Parallel Feature Fusion and Feature Selection for Automated Gait Recognition. <i>Journal of Organizational and End User Computing</i> , 2020, 32, 67-92.	2.9	46
85	Automated techniques for blood vessels segmentation through fundus retinal images: A review. <i>Microscopy Research and Technique</i> , 2019, 82, 153-170.	2.2	45
86	Classification of gastrointestinal diseases of stomach from WCE using improved saliency-based method and discriminant features selection. <i>Multimedia Tools and Applications</i> , 2019, 78, 27743-27770.	3.9	44
87	Prosperous Human Gait Recognition: an end-to-end system based on pre-trained CNN features selection. <i>Multimedia Tools and Applications</i> , 2024, 83, 14979-14999.	3.9	44
88	Entropy-controlled deep features selection framework for grape leaf diseases recognition. <i>Expert Systems</i> , 2022, 39, .	4.5	43
89	Lung Nodule Detection based on Ensemble of Hand Crafted and Deep Features. <i>Journal of Medical Systems</i> , 2019, 43, 332.	3.6	42
90	A deep neural network and classical features based scheme for objects recognition: an application for machine inspection. <i>Multimedia Tools and Applications</i> , 2024, 83, 14935-14957.	3.9	41

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91	Human action recognition: a framework of statistical weighted segmentation and rank correlation-based selection. <i>Pattern Analysis and Applications</i> , 2020, 23, 281-294.	4.6	40
92	An integrated framework of skin lesion detection and recognition through saliency method and optimal deep neural network features selection. <i>Neural Computing and Applications</i> , 2020, 32, 15929-15948.	5.6	40
93	Human Action Recognition: A Paradigm of Best Deep Learning Features Selection and Serial Based Extended Fusion. <i>Sensors</i> , 2021, 21, 7941.	3.8	40
94	Heat Generation/Absorption Effects in a Boundary Layer Stretched Flow of Maxwell Nanofluid: Analytic and Numeric Solutions. <i>PLoS ONE</i> , 2015, 10, e0129814.	2.5	39
95	Numerical treatment with Lobatto IIIA technique for radiative flow of MHD hybrid nanofluid (Al ₂ O ₃ -Cu/H ₂ O) over a convectively heated stretchable rotating disk with velocity slip effects. <i>AIP Advances</i> , 2020, 10, .	1.3	39
96	Deep Rank-Based Average Pooling Network for Covid-19 Recognition. <i>Computers, Materials and Continua</i> , 2022, 70, 2797-2813.	1.9	38
97	A Computer-Aided Diagnosis System Using Deep Learning for Multiclass Skin Lesion Classification. <i>Computational Intelligence and Neuroscience</i> , 2021, 2021, 1-15.	1.7	38
98	Bi-model processing for early detection of breast tumor in CAD system. <i>European Physical Journal Plus</i> , 2017, 132, 1.	2.6	37
99	Intelligent fusion-assisted skin lesion localization and classification for smart healthcare. <i>Neural Computing and Applications</i> , 2024, 36, 37-52.	5.6	37
100	Automatic Scene Recognition through Acoustic Classification for Behavioral Robotics. <i>Electronics (Switzerland)</i> , 2019, 8, 483.	3.1	35
101	Particle Swarm Optimization With Probability Sequence for Global Optimization. <i>IEEE Access</i> , 2020, 8, 110535-110549.	4.2	35
102	Effects of Gyro-Tactic Organisms in Bio-convective Nano-material with Heat Immersion, Stratification, and Viscous Dissipation. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 5907-5920.	3.0	35
103	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
104	Human Behavior Analysis Based on Multi-Types Features Fusion and Von Nauman Entropy Based Features Reduction. <i>Journal of Medical Imaging and Health Informatics</i> , 2019, 9, 662-669.	0.3	35
105	Use of machine intelligence to conduct analysis of human brain data for detection of abnormalities in its cognitive functions. <i>Multimedia Tools and Applications</i> , 2020, 79, 10955-10973.	3.9	34
106	Multicriteria UAV Base Stations Placement for Disaster Management. <i>IEEE Systems Journal</i> , 2020, 14, 3475-3482.	4.6	33
107	Automated design for recognition of blood cells diseases from hematopathology using classical features selection and ELM. <i>Microscopy Research and Technique</i> , 2021, 84, 202-216.	2.2	33
108	A deep network designed for segmentation and classification of leukemia using fusion of the transfer learning models. <i>Complex & Intelligent Systems</i> , 2022, 8, 3105-3120.	6.5	33

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109	A joint framework of feature reduction and robust feature selection for cucumber leaf diseases recognition. <i>Optik</i> , 2021, 240, 166566.	2.9	33
110	An Expert System for Rotating Machine Fault Detection Using Vibration Signal Analysis. <i>Sensors</i> , 2021, 21, 7587.	3.8	32
111	Melanoma segmentation: A framework of improved <i>DenseNet77</i> and <i>UNET</i> convolutional neural network. <i>International Journal of Imaging Systems and Technology</i> , 2022, 32, 2137-2153.	4.1	32
112	Offline signature verification system: a novel technique of fusion of GLCM and geometric features using SVM. <i>Multimedia Tools and Applications</i> , 2024, 83, 14959-14978.	3.9	31
113	Breast Cancer Detection and Classification using Traditional Computer Vision Techniques: A Comprehensive Review. <i>Current Medical Imaging</i> , 2021, 16, 1187-1200.	0.8	30
114	Human gait analysis for osteoarthritis prediction: a framework of deep learning and kernel extreme learning machine. <i>Complex & Intelligent Systems</i> , 2023, 9, 2665-2683.	6.5	30
115	Expert Hypertension Detection System Featuring Pulse Plethysmograph Signals and Hybrid Feature Selection and Reduction Scheme. <i>Sensors</i> , 2021, 21, 247.	3.8	29
116	Integrated intelligent computing application for effectiveness of Au nanoparticles coated over MWCNTs with velocity slip in curved channel peristaltic flow. <i>Scientific Reports</i> , 2021, 11, 22550.	3.3	29
117	Cucumber Leaf Diseases Recognition Using Multi Level Deep Entropy-ELM Feature Selection. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 593.	2.5	29
118	ROBUST DISCRIMINATION OF LEUKOCYTES PROTUBERANT TYPES FOR EARLY DIAGNOSIS OF LEUKEMIA. <i>Journal of Mechanics in Medicine and Biology</i> , 2019, 19, 1950055.	0.7	28
119	An integrated framework for <i>COVID-19</i> classification based on classical and quantum transfer learning from a chest radiograph. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e6434.	2.2	28
120	Generalized Magnetic Field Effects in Burgers' Nanofluid Model. <i>PLoS ONE</i> , 2017, 12, e0168923.	2.5	28
121	Impact of thermal radiation and non-uniform heat flux on MHD hybrid nanofluid along a stretching cylinder. <i>Scientific Reports</i> , 2021, 11, 20262.	3.3	28
122	Computer-based classification of chromoendoscopy images using homogeneous texture descriptors. <i>Computers in Biology and Medicine</i> , 2017, 88, 84-92.	7.0	27
123	Intelligent microscopic approach for identification and recognition of citrus deformities. <i>Microscopy Research and Technique</i> , 2019, 82, 1542-1556.	2.2	27
124	Analytical Assessment of (Al ₂ O ₃ -Ag/H ₂ 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
125	Multiclass Cucumber Leaf Diseases Recognition Using Best Feature Selection. <i>Computers, Materials and Continua</i> , 2022, 70, 3281-3294.	1.9	27
126	Analysis of Brain MRI Images Using Improved CornerNet Approach. <i>Diagnostics</i> , 2021, 11, 1856.	2.6	27

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127	Multi-Layered Deep Learning Features Fusion for Human Action Recognition. Computers, Materials and Continua, 2021, 69, 4061-4075.	1.9	26
128	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
129	A dynamic clustering technique based on deep reinforcement learning for Internet of vehicles. Journal of Intelligent Manufacturing, 2021, 32, 757-768.	7.3	25
130	Joint Placement and Device Association of UAV Base Stations in IoT Networks. Sensors, 2019, 19, 2157.	3.8	24
131	Mango Leaf Disease Recognition and Classification Using Novel Segmentation and Vein Pattern Technique. Applied Sciences (Switzerland), 2021, 11, 11901.	2.5	24
132	Microscopic segmentation and classification of COVID-19 infection with ensemble convolutional neural network. Microscopy Research and Technique, 2022, 85, 385-397.	2.2	23
133	Human Gait Recognition: A Single Stream Optimal Deep Learning Features Fusion. Sensors, 2021, 21, 7584.	3.8	23
134	A review on federated learning towards image processing. Computers and Electrical Engineering, 2022, 99, 107818.	4.8	23
135	Improved strategy for human action recognition; experiencing a cascaded design. IET Image Processing, 2020, 14, 818-829.	2.5	22
136	Classification of Positive COVID-19 CT Scans using Deep Learning. Computers, Materials and Continua, 2021, 66, 2923-2938.	1.9	22
137	Review of Automated Computerized Methods for Brain Tumor Segmentation and Classification. Current Medical Imaging, 2020, 16, 823-834.	0.8	22
138	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
139	Heat Transfer in Nanomaterial Suspension (CuO and Al ₂ O ₃) Using KKL Model. Coatings, 2021, 11, 417.	2.6	21
140	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
141	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
142	Entropy Generation Analysis and Radiated Heat Transfer in MHD (Al ₂ O ₃ -Cu/Water) Hybrid Nanofluid Flow. Micromachines, 2021, 12, 887.	2.9	20
143	COVID19 Classification Using CT Images via Ensembles of Deep Learning Models. Computers, Materials and Continua, 2021, 69, 319-337.	1.9	20
144	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

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145	A Long Short-Term Memory Biomarker-Based Prediction Framework for Alzheimer’s Disease. <i>Sensors</i> , 2022, 22, 1475.	3.8	20
146	Efficient hybrid approach to segment and classify exudates for DR prediction. <i>Multimedia Tools and Applications</i> , 2020, 79, 11107-11123.	3.9	19
147	Gastric Tract Infections Detection and Classification from Wireless Capsule Endoscopy using Computer Vision Techniques: A Review. <i>Current Medical Imaging</i> , 2021, 16, 1229-1242.	0.8	19
148	Human action recognition: a construction of codebook by discriminative features selection approach. <i>International Journal of Applied Pattern Recognition</i> , 2018, 5, 206.	0.4	18
149	Intelligent Bayesian regularization networks for bio-convective nanofluid flow model involving gyro-tactic organisms with viscous dissipation, stratification and heat immersion. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2021, 15, 1508-1530.	3.1	18
150	Melanoma Detection and Classification using Computerized Analysis of Dermoscopic Systems: A Review. <i>Current Medical Imaging</i> , 2020, 16, 794-822.	0.8	18
151	Deep Learning and Kurtosis-Controlled, Entropy-Based Framework for Human Gait Recognition Using Video Sequences. <i>Electronics (Switzerland)</i> , 2022, 11, 334.	3.1	18
152	Dynamical analysis for nanofluid slip rheology with thermal radiation, heat generation/absorption and convective wall properties. <i>AIP Advances</i> , 2018, 8, 075122.	1.3	17
153	Resource Management in Multicloud IoT Radio Access Network. <i>IEEE Internet of Things Journal</i> , 2019, 6, 3014-3023.	8.7	17
154	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
155	Classification of cardiac disorders using local ternary patterns based on pulse plethysmograph signals. <i>Expert Systems</i> , 2021, 38, e12664.	4.5	17
156	Medical Imaging Fusion Techniques: A Survey Benchmark Analysis, Open Challenges and Recommendations. <i>Journal of Medical Imaging and Health Informatics</i> , 2020, 10, 2523-2531.	0.3	17
157	Backpropagated Intelligent Networks for the Entropy Generation and Joule Heating in Hydromagnetic Nanomaterial Rheology Over Surface with Variable Thickness. <i>Arabian Journal for Science and Engineering</i> , 2022, 47, 7753-7777.	3.0	17
158	Optical character recognition (OCR) using partial least square (PLS) based feature reduction: an application to artificial intelligence for biometric identification. <i>Journal of Enterprise Information Management</i> , 2023, 36, 767-789.	7.5	16
159	Nonlinear adaptive NeuroFuzzy feedback linearization based MPPT control schemes for photovoltaic system in microgrid. <i>PLoS ONE</i> , 2020, 15, e0234992.	2.5	16
160	Hall effect on MHD Jeffrey fluid flow with Cattaneo–Christov heat flux model: an application of stochastic neural computing. <i>Complex & Intelligent Systems</i> , 2022, 8, 5177-5201.	6.5	16
161	Extraction and Evaluation of Corpus Callosum from 2D Brain MRI Slice: A Study with Cuckoo Search Algorithm. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-15.	1.3	15
162	Multiphase fault tolerance genetic algorithm for vm and task scheduling in datacenter. <i>Information Processing and Management</i> , 2021, 58, 102676.	8.6	15

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163	Optical dromions for perturbed nonlinear Schrödinger equation with cubic quintic septic media. <i>Optik</i> , 2021, 226, 165955.	2.9	14
164	Human Action Recognition using Machine Learning in Uncontrolled Environment. , 2021, , .		14
165	A Hybrid Deep Learning Architecture for the Classification of Superhero Fashion Products: An Application for Medical-Tech Classification. <i>CMES - Computer Modeling in Engineering and Sciences</i> , 2020, 124, 1017-1033.	1.1	14
166	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. <i>Micromachines</i> , 2022, 13, 375.	2.9	14
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