

# Mudassar Raza

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60  
papers

1,004  
citations

19  
h-index

30  
g-index

67  
ext. papers

1,533  
ext. citations

2.7  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
60	Brain tumor detection using statistical and machine learning method. <i>Computer Methods and Programs in Biomedicine</i> , <b>2019</b> , 177, 69-79	6.9	74
59	Appearance based pedestrians gender recognition by employing stacked auto encoders in deep learning. <i>Future Generation Computer Systems</i> , <b>2018</b> , 88, 28-39	7.5	69
58	A Survey on Medical Image Segmentation. <i>Current Medical Imaging</i> , <b>2015</b> , 11, 3-14	1.2	62
57	Hand-crafted and deep convolutional neural network features fusion and selection strategy: An application to intelligent human action recognition. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 87, 105986	7.5	57
56	Object detection and classification: a joint selection and fusion strategy of deep convolutional neural network and SIFT point features. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 15751-15777	2.5	51
55	An integrated design of particle swarm optimization (PSO) with fusion of features for detection of brain tumor. <i>Pattern Recognition Letters</i> , <b>2020</b> , 129, 150-157	4.7	48
54	Hybrid Malware Classification Method Using Segmentation-Based Fractal Texture Analysis and Deep Convolution Neural Network Features. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 4966	2.6	48
53	Detection of Brain Tumor based on Features Fusion and Machine Learning. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2018</b> , 1	3.7	46
52	Appearance based pedestrians head pose and body orientation estimation using deep learning. <i>Neurocomputing</i> , <b>2018</b> , 272, 647-659	5.4	38
51	Fundus image classification methods for the detection of glaucoma: A review. <i>Microscopy Research and Technique</i> , <b>2018</b> , 81, 1105-1121	2.8	38
50	Brain Tumor Detection by Using Stacked Autoencoders in Deep Learning. <i>Journal of Medical Systems</i> , <b>2019</b> , 44, 32	5.1	34
49	Skin lesion segmentation and classification: A unified framework of deep neural network features fusion and selection. <i>Expert Systems</i> , <b>2019</b> , e12497	2.1	32
48	Brain tumor detection: a long short-term memory (LSTM)-based learning model. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 15965-15973	4.8	31
47	Brain Tumor Classification: Feature Fusion <b>2019</b> ,		27
46	A decision support system for multimodal brain tumor classification using deep learning. <i>Complex &amp; Intelligent Systems</i> , 1	7.1	25
45	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> , <b>2020</b> , 79, 18627-18656	2.5	24
44	From ECG signals to images: a transformation based approach for deep learning. <i>PeerJ Computer Science</i> , <b>2021</b> , 7, e386	2.7	22

43	Hexagonal scale invariant feature transform (H-SIFT) for facial feature extraction. <i>Journal of Applied Research and Technology</i> , <b>2015</b> , 13, 402-408	1.7	20
42	Brain tumor detection based on extreme learning. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 15975-15987	4.8	19
41	Diabetic retinopathy detection and classification using hybrid feature set. <i>Microscopy Research and Technique</i> , <b>2018</b> , 81, 990-996	2.8	19
40	Image Compression: A Survey. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , <b>2014</b> , 7, 656-672	0.2	18
39	Convolutional neural network with batch normalization for glioma and stroke lesion detection using MRI. <i>Cognitive Systems Research</i> , <b>2020</b> , 59, 304-311	4.8	18
38	Robust Face Recognition Technique under Varying Illumination. <i>Journal of Applied Research and Technology</i> , <b>2015</b> , 13, 97-105	1.7	14
37	A Nonlinear Hybrid Filter for Salt & Pepper Noise Removal from Color Images. <i>Journal of Applied Research and Technology</i> , <b>2015</b> , 13, 79-85	1.7	14
36	Computer Aided Systems for Diabetic Retinopathy Detection Using Digital Fundus Images: A Survey. <i>Current Medical Imaging</i> , <b>2016</b> , 12, 234-241	1.2	14
35	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> , <b>2020</b> , 79, 10955-10973	2.5	13
34	Brain Image Compression: A Brief Survey. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , <b>2013</b> , 5, 49-59	0.2	9
33	Framework for estimating distance and dimension attributes of pedestrians in real-time environments using monocular camera. <i>Neurocomputing</i> , <b>2018</b> , 275, 533-545	5.4	8
32	Enhanced and Fast Face Recognition by Hashing Algorithm. <i>Journal of Applied Research and Technology</i> , <b>2012</b> , 10,	1.7	8
31	Categorizing the Students Activities for Automated Exam Proctoring Using Proposed Deep L2-GraftNet CNN Network and ASO Based Feature Selection Approach. <i>IEEE Access</i> , <b>2021</b> , 9, 47639-47656	3.5	8
30	Glaucoma Disease: A Survey. <i>Current Medical Imaging</i> , <b>2015</b> , 11, 272-283	1.2	7
29	An Overview of Biometrics Methods <b>2019</b> , 15-35		7
28	J-LDFR: joint low-level and deep neural network feature representations for pedestrian gender classification. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 361-391	4.8	7
27	Virtualization Tools and Techniques: Survey. <i>Nepal Journal of Science and Technology</i> , <b>2015</b> , 15, 141-150	0.8	5
26	[COMSCAN] <b>2009</b> ,		5

25	Categorizing white blood cells by utilizing deep features of proposed 4B-AdditionNet-based CNN network with ant colony optimization. <i>Complex &amp; Intelligent Systems</i> ,1	7.1	5
24	Person re-identification with features-based clustering and deep features. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 10519-10540	4.8	5
23	Suspicious Activity Recognition Using Proposed Deep L4-Branched-Actionnet With Entropy Coded Ant Colony System Optimization. <i>IEEE Access</i> , <b>2021</b> , 9, 89181-89197	3.5	5
22	Improved Video Stabilization using SIFT-Log Polar Technique for Unmanned Aerial Vehicles <b>2019</b> ,		4
21	A Noise Adaptive Approach to Impulse Noise Detection and Reduction. <i>Nepal Journal of Science and Technology</i> , <b>2015</b> , 15, 67-76	0.8	4
20	Time signatures - an implementation of Keystroke and click patterns for practical and secure authentication <b>2008</b> ,		4
19	Lossless Compression Method for Medical Image Sequences Using Super-Spatial Structure Prediction and Inter-frame Coding. <i>Journal of Applied Research and Technology</i> , <b>2012</b> , 10,	1.7	4
18	Person re-identification post-rank optimization via hypergraph-based learning. <i>Neurocomputing</i> , <b>2018</b> , 287, 143-153	5.4	3
17	Salt and Pepper Noise Removal Filter for 8-Bit Images Based on Local and Global Occurrences of Grey Levels as Selection Indicator. <i>Nepal Journal of Science and Technology</i> , <b>2015</b> , 15, 123-132	0.8	3
16	Face recognition across pose variation and the 3S problem. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , <b>2014</b> , 22, 1423-1436	0.9	3
15	HAREDNet: A deep learning based architecture for autonomous video surveillance by recognizing human actions. <i>Computers and Electrical Engineering</i> , <b>2022</b> , 99, 107805	4.3	3
14	Multi-feature fusion based re-ranking for person re-identification <b>2016</b> ,		3
13	A Hybrid Method for Edge Continuity Based on Pixel Neighbors Pattern Analysis (PNPA) for Remote Sensing Satellite Images. <i>International Journal of Communications, Network and System Sciences</i> , <b>2012</b> , 05, 624-630	0.2	2
12	Malaria Parasite Detection Using a Quantum-Convolutional Network. <i>Computers, Materials and Continua</i> , <b>2022</b> , 70, 6023-6039	3.9	2
11	Detection and Classification of Gastrointestinal Diseases using Machine Learning. <i>Current Medical Imaging</i> , <b>2021</b> , 17, 479-490	1.2	2
10	Recognizing Gastrointestinal Malignancies on WCE and CCE Images by an Ensemble of Deep and Handcrafted Features with Entropy and PCA Based Features Optimization. <i>Neural Processing Letters</i> ,1	2.4	2
9	3D Semantic Deep Learning Networks for Leukemia Detection. <i>Computers, Materials and Continua</i> , <b>2021</b> , 69, 785-799	3.9	2
8	HSDDD: A Hybrid Scheme for the Detection of Distracted Driving through Fusion of Deep Learning and Handcrafted Features.. <i>Sensors</i> , <b>2022</b> , 22,	3.8	2

7	A Decision Support System for Face Sketch Synthesis Using Deep Learning and Artificial Intelligence.. <i>Sensors</i> , <b>2021</b> , 21,	3.8	2
6	Pedestrian classification by using stacked sparse autoencoders <b>2017</b> ,		1
5	An algorithm to find convex hull based on binary tree <b>2009</b> ,		1
4	Improving audio data quality and compression <b>2008</b> ,		1
3	Ambiguity Detection Methods in Context Free Grammar. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , <b>2014</b> , 7, 4652-4655	0.2	
2	Speech Recognition Using Dynamic Grammar and Parallel Listening Events. <i>International Journal of Future Computer and Communication</i> ,94-97	4.6	
1	Union is Strength: Improving face sketch synthesis by fusing outcomes of Fully-Convolutional-Networks and Random Sampling Locality Constraint. <i>AEJ - Alexandria Engineering Journal</i> , <b>2022</b> , 61, 10727-10741	6.1	