

Mussarat Yasmin

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,128
citations

159358

30
h-index

174990

52
g-index

59
all docs

59
docs citations

59
times ranked

1877
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain tumor segmentation and classification by improved binomial thresholding and multi-features selection. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2024, 15, 1063-1082.	3.3	72
2	Detection of Brain Tumor based on Features Fusion and Machine Learning. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2024, 15, 983-999.	3.3	79
3	Entropy-controlled deep features selection framework for grape leaf diseases recognition. <i>Expert Systems</i> , 2022, 39, .	2.9	43
4	A multilevel paradigm for deep convolutional neural network features selection with an application to human gait recognition. <i>Expert Systems</i> , 2022, 39, e12541.	2.9	58
5	Discrete light sheet microscopic segmentation of left ventricle using morphological tuning and active contours. <i>Microscopy Research and Technique</i> , 2022, 85, 308-323.	1.2	2
6	Brain tumor detection and classification using machine learning: a comprehensive survey. <i>Complex & Intelligent Systems</i> , 2022, 8, 3161-3183.	4.0	99
7	A shallow extraction of texture features for classification of abnormal video endoscopy frames. <i>Biomedical Signal Processing and Control</i> , 2022, 77, 103733.	3.5	4
8	Generative adversarial networks and its applications in the biomedical image segmentation: a comprehensive survey. <i>International Journal of Multimedia Information Retrieval</i> , 2022, 11, 333-368.	3.6	20
9	Deep CNN and geometric features-based gastrointestinal tract diseases detection and classification from wireless capsule endoscopy images. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2021, 33, 577-599.	1.8	92
10	J-LDFR: joint low-level and deep neural network feature representations for pedestrian gender classification. <i>Neural Computing and Applications</i> , 2021, 33, 361-391.	3.2	14
11	Detection and Classification of Gastrointestinal Diseases using Machine Learning. <i>Current Medical Imaging</i> , 2021, 17, 479-490.	0.4	13
12	Gender Classification Using Proposed CNN-Based Model and Ant Colony Optimization. <i>Mathematics</i> , 2021, 9, 2499.	1.1	11
13	Mango Leaf Disease Recognition and Classification Using Novel Segmentation and Vein Pattern Technique. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11901.	1.3	24
14	A framework for offline signature verification system: Best features selection approach. <i>Pattern Recognition Letters</i> , 2020, 139, 50-59.	2.6	106
15	Facial expressions classification and false label reduction using LDA and threefold SVM. <i>Pattern Recognition Letters</i> , 2020, 139, 166-173.	2.6	58
16	A distinctive approach in brain tumor detection and classification using MRI. <i>Pattern Recognition Letters</i> , 2020, 139, 118-127.	2.6	234
17	Efficient hybrid approach to segment and classify exudates for DR prediction. <i>Multimedia Tools and Applications</i> , 2020, 79, 11107-11123.	2.6	19
18	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.	2.6	34

#	ARTICLE	IF	CITATIONS
19	A survey of feature extraction and fusion of deep learning for detection of abnormalities in video endoscopy of gastrointestinal-tract. <i>Artificial Intelligence Review</i> , 2020, 53, 2635-2707.	9.7	34
20	Person re-identification with features-based clustering and deep features. <i>Neural Computing and Applications</i> , 2020, 32, 10519-10540.	3.2	12
21	Color-based template selection for detection of gastric abnormalities in video endoscopy. <i>Biomedical Signal Processing and Control</i> , 2020, 56, 101668.	3.5	11
22	An integrated design of particle swarm optimization (PSO) with fusion of features for detection of brain tumor. <i>Pattern Recognition Letters</i> , 2020, 129, 150-157.	2.6	127
23	Brain tumor classification based on DWT fusion of MRI sequences using convolutional neural network. <i>Pattern Recognition Letters</i> , 2020, 129, 115-122.	2.6	147
24	Pearson Correlation-Based Feature Selection for Document Classification Using Balanced Training. <i>Sensors</i> , 2020, 20, 6793.	2.1	61
25	Classification of stomach infections: A paradigm of convolutional neural network along with classical features fusion and selection. <i>Microscopy Research and Technique</i> , 2020, 83, 562-576.	1.2	106
26	A New Approach for Brain Tumor Segmentation and Classification Based on Score Level Fusion Using Transfer Learning. <i>Journal of Medical Systems</i> , 2019, 43, 326.	2.2	98
27	Stomach Deformities Recognition Using Rank-Based Deep Features Selection. <i>Journal of Medical Systems</i> , 2019, 43, 329.	2.2	53
28	ROBUST DISCRIMINATION OF LEUKOCYTES PROTUBERANT TYPES FOR EARLY DIAGNOSIS OF LEUKEMIA. <i>Journal of Mechanics in Medicine and Biology</i> , 2019, 19, 1950055.	0.3	28
29	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.	2.3	54
30	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.	3.1	59
31	An Overview of Biometrics Methods. , 2019, , 15-35.		19
32	Multistage segmentation model and SVM-ensemble for precise lung nodule detection. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 1083-1095.	1.7	49
33	Computer assisted gastric abnormalities detection using hybrid texture descriptors for chromoendoscopy images. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 157, 39-47.	2.6	33
34	License number plate recognition system using entropy-based features selection approach with SVM. <i>IET Image Processing</i> , 2018, 12, 200-209.	1.4	97
35	Fundus image classification methods for the detection of glaucoma: A review. <i>Microscopy Research and Technique</i> , 2018, 81, 1105-1121.	1.2	60
36	Appearance based pedestrians' gender recognition by employing stacked auto encoders in deep learning. <i>Future Generation Computer Systems</i> , 2018, 88, 28-39.	4.9	79

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37	Big data analysis for brain tumor detection: Deep convolutional neural networks. Future Generation Computer Systems, 2018, 87, 290-297.	4.9	224
38	A novel machine learning approach for scene text extraction. Future Generation Computer Systems, 2018, 87, 328-340.	4.9	50
39	AUTOMATED ULCER AND BLEEDING CLASSIFICATION FROM WCE IMAGES USING MULTIPLE FEATURES FUSION AND SELECTION. Journal of Mechanics in Medicine and Biology, 2018, 18, 1850038.	0.3	100
40	A Survey on Left Ventricle Segmentation Techniques in Cardiac Short Axis MRI. Current Medical Imaging, 2018, 14, 223-237.	0.4	7
41	A method for the detection and classification of diabetic retinopathy using structural predictors of bright lesions. Journal of Computational Science, 2017, 19, 153-164.	1.5	116
42	A NOVEL BIOMECHANICS-BASED APPROACH FOR PERSON RE-IDENTIFICATION BY GENERATING DENSE COLOR SIFT SALIENCE FEATURES. Journal of Mechanics in Medicine and Biology, 2017, 17, 1740011.	0.3	31
43	Computer-based classification of chromoendoscopy images using homogeneous texture descriptors. Computers in Biology and Medicine, 2017, 88, 84-92.	3.9	27
44	Lung Nodule Detection Using Polygon Approximation and Hybrid Features from CT Images. Current Medical Imaging, 2017, 14, 108-117.	0.4	60
45	Fundus Image Segmentation and Feature Extraction for the Detection of Glaucoma: A New Approach. Current Medical Imaging, 2017, 14, 77-87.	0.4	58
46	A Review on Recent Developments for Detection of Diabetic Retinopathy. Scientifica, 2016, 2016, 1-20.	0.6	72
47	Automatic Cotton Wool Spots Extraction in Retinal Images Using Texture Segmentation and Gabor Wavelet. Journal of Integrated Design and Process Science, 2016, 20, 65-76.	0.2	18
48	A New Approach of Cup to Disk Ratio Based Glaucoma Detection Using Fundus Images. Journal of Integrated Design and Process Science, 2016, 20, 77-94.	0.2	26
49	Computer Aided Systems for Diabetic Retinopathy Detection Using Digital Fundus Images: A Survey. Current Medical Imaging, 2016, 12, 234-241.	0.4	19
50	Salt and Pepper Noise Removal Filter for 8-Bit Images Based on Local and Global Occurrences of Grey Levels as Selection Indicator. Nepal Journal of Science and Technology, 2015, 15, 123-132.	0.1	6
51	A Survey on Medical Image Segmentation. Current Medical Imaging, 2015, 11, 3-14.	0.4	119
52	A Noise Adaptive Approach to Impulse Noise Detection and Reduction. Nepal Journal of Science and Technology, 2015, 15, 67-76.	0.1	8
53	Pathological Brain Image Segmentation and Classification: A Survey. Current Medical Imaging, 2014, 10, 163-177.	0.4	8
54	Image Retrieval by Shape and Color Contents and Relevance Feedback. , 2012, , .		2

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55	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.	3.3	54
56	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> , 0, , 1.	2.0	9
57	A novel approach of boundary preservative apparel detection and classification of fashion images using deep learning. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	1.2	3
58	Editorial of the Special Issue: Brain-like computing for medical applications. <i>Complex & Intelligent Systems</i> , 0, , .	4.0	0