

Mudassar Raza

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,080
citations

304368

22
h-index

264894

42
g-index

68
all docs

68
docs citations

68
times ranked

1366
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Brain tumor detection using statistical and machine learning method. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 177, 69-79. | 2.6 | 153 |
| 2 | 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 |
| 3 | A Survey on Medical Image Segmentation. <i>Current Medical Imaging</i> , 2015, 11, 3-14. | 0.4 | 119 |
| 4 | Brain Tumor Detection by Using Stacked Autoencoders in Deep Learning. <i>Journal of Medical Systems</i> , 2020, 44, 32. | 2.2 | 97 |
| 5 | Brain tumor detection: a long short-term memory (LSTM)-based learning model. <i>Neural Computing and Applications</i> , 2020, 32, 15965-15973. | 3.2 | 97 |
| 6 | 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> , 2020, 87, 105986. | 4.1 | 93 |
| 7 | Hybrid Malware Classification Method Using Segmentation-Based Fractal Texture Analysis and Deep Convolution Neural Network Features. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4966. | 1.3 | 86 |
| 8 | A decision support system for multimodal brain tumor classification using deep learning. <i>Complex & Intelligent Systems</i> , 2022, 8, 3007-3020. | 4.0 | 86 |
| 9 | 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 |
| 10 | 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 |
| 11 | Skin lesion segmentation and classification: A unified framework of deep neural network features fusion and selection. <i>Expert Systems</i> , 2022, 39, e12497. | 2.9 | 77 |
| 12 | 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> , 2019, 78, 15751-15777. | 2.6 | 69 |
| 13 | From ECG signals to images: a transformation based approach for deep learning. <i>PeerJ Computer Science</i> , 2021, 7, e386. | 2.7 | 67 |
| 14 | 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. | 2.6 | 62 |
| 15 | Fundus image classification methods for the detection of glaucoma: A review. <i>Microscopy Research and Technique</i> , 2018, 81, 1105-1121. | 1.2 | 60 |
| 16 | Brain tumor detection based on extreme learning. <i>Neural Computing and Applications</i> , 2020, 32, 15975-15987. | 3.2 | 60 |
| 17 | Appearance based pedestrians' head pose and body orientation estimation using deep learning. <i>Neurocomputing</i> , 2018, 272, 647-659. | 3.5 | 55 |
| 18 | Convolutional neural network with batch normalization for glioma and stroke lesion detection using MRI. <i>Cognitive Systems Research</i> , 2020, 59, 304-311. | 1.9 | 50 |

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|----|--|-----|-----------|
| 19 | Brain Tumor Classification: Feature Fusion. , 2019, , . | | 42 |
| 20 | Diabetic retinopathy detection and classification using hybrid feature set. Microscopy Research and Technique, 2018, 81, 990-996. | 1.2 | 35 |
| 21 | 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. | 2.6 | 34 |
| 22 | Hexagonal scale invariant feature transform (H-SIFT) for facial feature extraction. Journal of Applied Research and Technology, 2015, 13, 402-408. | 0.6 | 31 |
| 23 | Image Compression: A Survey. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 656-672. | 0.1 | 28 |
| 24 | Robust Face Recognition Technique under Varying Illumination. Journal of Applied Research and Technology, 2015, 13, 97-105. | 0.6 | 25 |
| 25 | Categorizing the Studentsâ€™ Activities for Automated Exam Proctoring Using Proposed Deep L2-GraftNet CNN Network and ASO Based Feature Selection Approach. IEEE Access, 2021, 9, 47639-47656. | 2.6 | 20 |
| 26 | 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. | 4.0 | 20 |
| 27 | Generative adversarial networks and its applications in the biomedical image segmentation: a comprehensive survey. International Journal of Multimedia Information Retrieval, 2022, 11, 333-368. | 3.6 | 20 |
| 28 | A Nonlinear Hybrid Filter for Salt & Pepper Noise Removal from Color Images. Journal of Applied Research and Technology, 2015, 13, 79-85. | 0.6 | 19 |
| 29 | Suspicious Activity Recognition Using Proposed Deep L4-Branched-Actionnet With Entropy Coded Ant Colony System Optimization. IEEE Access, 2021, 9, 89181-89197. | 2.6 | 19 |
| 30 | An Overview of Biometrics Methods. , 2019, , 15-35. | | 19 |
| 31 | Computer Aided Systems for Diabetic Retinopathy Detection Using Digital Fundus Images: A Survey. Current Medical Imaging, 2016, 12, 234-241. | 0.4 | 19 |
| 32 | 3D Semantic Deep Learning Networks for Leukemia Detection. Computers, Materials and Continua, 2021, 69, 785-799. | 1.5 | 15 |
| 33 | J-LDFR: joint low-level and deep neural network feature representations for pedestrian gender classification. Neural Computing and Applications, 2021, 33, 361-391. | 3.2 | 14 |
| 34 | Brain Image Compression: A Brief Survey. Research Journal of Applied Sciences, Engineering and Technology, 2013, 5, 49-59. | 0.1 | 13 |
| 35 | Framework for estimating distance and dimension attributes of pedestrians in real-time environments using monocular camera. Neurocomputing, 2018, 275, 533-545. | 3.5 | 13 |
| 36 | Detection and Classification of Gastrointestinal Diseases using Machine Learning. Current Medical Imaging, 2021, 17, 479-490. | 0.4 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Person re-identification with features-based clustering and deep features. <i>Neural Computing and Applications</i> , 2020, 32, 10519-10540. | 3.2 | 12 |
| 38 | HAREDNet: A deep learning based architecture for autonomous video surveillance by recognizing human actions. <i>Computers and Electrical Engineering</i> , 2022, 99, 107805. | 3.0 | 11 |
| 39 | Glaucoma Disease: A Survey. <i>Current Medical Imaging</i> , 2015, 11, 272-283. | 0.4 | 10 |
| 40 | Enhanced and Fast Face Recognition by Hashing Algorithm. <i>Journal of Applied Research and Technology</i> , 2012, 10, . | 0.6 | 10 |
| 41 | HSDDD: A Hybrid Scheme for the Detection of Distracted Driving through Fusion of Deep Learning and Handcrafted Features. <i>Sensors</i> , 2022, 22, 1864. | 2.1 | 10 |
| 42 | 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 |
| 43 | A Noise Adaptive Approach to Impulse Noise Detection and Reduction. <i>Nepal Journal of Science and Technology</i> , 2015, 15, 67-76. | 0.1 | 8 |
| 44 | Malaria Parasite Detection Using a Quantum-Convolutional Network. <i>Computers, Materials and Continua</i> , 2022, 70, 6023-6039. | 1.5 | 8 |
| 45 | A Decision Support System for Face Sketch Synthesis Using Deep Learning and Artificial Intelligence. <i>Sensors</i> , 2021, 21, 8178. | 2.1 | 8 |
| 46 | Improved Video Stabilization using SIFT-Log Polar Technique for Unmanned Aerial Vehicles. , 2019, , . | | 7 |
| 47 | Lossless Compression Method for Medical Image Sequences Using Super-Spatial Structure Prediction and Inter-frame Coding. <i>Journal of Applied Research and Technology</i> , 2012, 10, . | 0.6 | 7 |
| 48 | Time signatures - an implementation of Keystroke and click patterns for practical and secure authentication. , 2008, , . | | 6 |
| 49 | Illumination normalization preprocessing for face recognition. , 2010, , . | | 6 |
| 50 | 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> , 2015, 15, 123-132. | 0.1 | 6 |
| 51 | Gastrointestinal Tract Infections Classification Using Deep Learning. <i>Computers, Materials and Continua</i> , 2021, 69, 3239-3257. | 1.5 | 6 |
| 52 | [COMSCAN]. , 2009, , . | | 5 |
| 53 | Face recognition across pose variation and the 3S problem. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , 2014, 22, 1423-1436. | 0.9 | 5 |
| 54 | Virtualization Tools and Techniques: Survey. <i>Nepal Journal of Science and Technology</i> , 2015, 15, 141-150. | 0.1 | 5 |

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|----|--|-----|-----------|
| 55 | Person re-identification post-rank optimization via hypergraph-based learning. Neurocomputing, 2018, 287, 143-153. | 3.5 | 5 |
| 56 | A Hybrid Method for Edge Continuity Based on Pixel Neighbors Pattern Analysis (PNPA) for Remote Sensing Satellite Images. International Journal of Communications, Network and System Sciences, 2012, 05, 624-630. | 0.4 | 4 |
| 57 | Multi-feature fusion based re-ranking for person re-identification. , 2016, , . | | 3 |
| 58 | Improving audio data quality and compression. , 2008, , . | | 2 |
| 59 | An algorithm to find convex hull based on binary tree. , 2009, , . | | 2 |
| 60 | Leaf Blights Detection and Classification in Large Scale Applications. Intelligent Automation and Soft Computing, 2022, 31, 507-522. | 1.6 | 2 |
| 61 | Hand Posture Recognition Human Computer Interface. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 735-739. | 0.1 | 1 |
| 62 | Capsule Deformation in Pharmaceutical Industry by a Non-Contact Metrology Algorithm. Journal of Medical Imaging and Health Informatics, 2015, 5, 210-215. | 0.2 | 1 |
| 63 | Pedestrian classification by using stacked sparse autoencoders. , 2017, , . | | 1 |
| 64 | Ambiguity Detection Methods in Context Free Grammar. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 4652-4655. | 0.1 | 0 |
| 65 | Wireless USB Home Security System using Internet Technology. Research Journal of Applied Sciences, Engineering and Technology, 2014, 7, 1377-1380. | 0.1 | 0 |
| 66 | Speech Recognition Using Dynamic Grammar and Parallel Listening Events. International Journal of Future Computer and Communication, 0, , 94-97. | 1.3 | 0 |
| 67 | Union is Strength: Improving face sketch synthesis by fusing outcomes of Fully-Convolutional-Networks and Random Sampling Locality Constraint. AEJ - Alexandria Engineering Journal, 2022, 61, 10727-10741. | 3.4 | 0 |