

# Khan Bahadar Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7855662/publications.pdf>

Version: 2024-02-01

38  
papers

533  
citations

758635

12  
h-index

676716

22  
g-index

43  
all docs

43  
docs citations

43  
times ranked

359  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | A review on multimodal medical image fusion: Compendious analysis of medical modalities, multimodal databases, fusion techniques and quality metrics. <i>Computers in Biology and Medicine</i> , 2022, 144, 105253. | 3.9 | 103       |
| 2  | Smoke removal and image enhancement of laparoscopic images by an artificial multi-exposure image fusion method. <i>Soft Computing</i> , 2022, 26, 8003-8015.  | 2.1 | 3         |
| 3  | Multimodal Medical Image Registration and Fusion for Quality Enhancement. <i>Computers, Materials and Continua</i> , 2021, 68, 821-840.   | 1.5 | 24        |
| 4  | Detection and classification of pneumonia in chest X-ray images by supervised learning. , 2020, , .   |     | 4         |
| 5  | Lungs Nodule Cancer Detection Using Statistical Techniques. , 2020, , .   |     | 7         |
| 6  | A Hybrid Unsupervised Approach for Retinal Vessel Segmentation. <i>BioMed Research International</i> , 2020, 2020, 1-20.  | 0.9 | 20        |
| 7  | Modified PID controller for automatic generation control of multi-source interconnected power system using fitness dependent optimizer algorithm. <i>PLoS ONE</i> , 2020, 15, e0242428.                             | 1.1 | 25        |
| 8  | Brain Tumor Localization and Segmentation Based on Pixel-Based Thresholding with Morphological Operation. <i>Communications in Computer and Information Science</i> , 2020, , 562-572.                              | 0.4 | 3         |
| 9  | A Real-Time Driver Drowsiness Detection and Warning System Based on an Eye Blinking Rate. <i>Communications in Computer and Information Science</i> , 2020, , 106-117.  | 0.4 | 0         |
| 10 | Smart Reader for Visually Impaired People Based on Optical Character Recognition. <i>Communications in Computer and Information Science</i> , 2020, , 79-89.  | 0.4 | 2         |
| 11 | Home Automation Security System Based on Face Detection and Recognition Using IoT. <i>Communications in Computer and Information Science</i> , 2020, , 67-78.   | 0.4 | 0         |
| 12 | Design of Wearable Prototype Smart Wristband for Remote Health Monitoring Using Internet of Things. <i>Communications in Computer and Information Science</i> , 2020, , 3-13.                                       | 0.4 | 5         |
| 13 | An Ensemble Classification-Based Methodology Applied to MRI Brain Images for Tumor Detection and Segmentation. <i>Communications in Computer and Information Science</i> , 2020, , 606-615.                         | 0.4 | 2         |
| 14 | Analysis of the MIDAS and OASIS Biomedical Databases for the Application of Multimodal Image Processing. <i>Communications in Computer and Information Science</i> , 2020, , 581-592.                               | 0.4 | 2         |
| 15 | Analysis of the Lifetime and Energy Consumption of WSN Routing Protocols: LEACH, EAMMH and SEP. <i>Communications in Computer and Information Science</i> , 2020, , 627-637.  | 0.4 | 1         |
| 16 | Retinal disorder as a biomarker for detection of human diseases. , 2020, , .  |     | 5         |
| 17 | Detection of Anomaly in Videos Using Convolutional Autoencoder and Generative Adversarial Network model. , 2020, , .  |     | 2         |
| 18 | Radiomic Features Extraction Based on Genetic Algorithm. , 2020, , .  |     | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Title is missing!. , 2020, 15, e0242428.  |     | 0         |
| 20 | Title is missing!. , 2020, 15, e0242428.  |     | 0         |
| 21 | Title is missing!. , 2020, 15, e0242428.  |     | 0         |
| 22 | Title is missing!. , 2020, 15, e0242428.  |     | 0         |
| 23 | Title is missing!. , 2020, 15, e0242428.  |     | 0         |
| 24 | Smart Road-Lights and Auto Traffic-Signal Controller with Emergency Override. Communications in Computer and Information Science, 2019, , 526-537.              | 0.4 | 2         |
| 25 | Application of Compressive Sensing to Ultrasound Images: A Review. BioMed Research International, 2019, 2019, 1-14.   | 0.9 | 10        |
| 26 | A review of retinal blood vessels extraction techniques: challenges, taxonomy, and future trends. Pattern Analysis and Applications, 2019, 22, 767-802.         | 3.1 | 59        |
| 27 | Wavelet Based De-noising Using Logarithmic Shrinkage Function. Wireless Personal Communications, 2018, 98, 1473-1488.   | 1.8 | 8         |
| 28 | Automated Solutions for Crowd Size Estimation. Social Science Computer Review, 2018, 36, 610-631.   | 2.6 | 13        |
| 29 | A robust technique based on VLM and Frangi filter for retinal vessel extraction and denoising. PLoS ONE, 2018, 13, e0192203.                                    | 1.1 | 31        |
| 30 | ADAPTIVE TRIMMED MEAN AUTOREGRESSIVE MODEL FOR REDUCTION OF POISSON NOISE IN SCINTIGRAPHIC IMAGES. IIUM Engineering Journal, 2018, 19, 68-79.                   | 0.5 | 14        |
| 31 | Non-uniform channels mixing and template matching based denoising of retinal images for optic disk detection. Advanced Studies in Biology, 2018, 10, 45-59.     | 0.2 | 0         |
| 32 | Energy Efficient Secure Trust Based Clustering Algorithm for Mobile Wireless Sensor Network. Journal of Computer Networks and Communications, 2017, 2017, 1-8.  | 1.2 | 43        |
| 33 | Retinal Blood Vessels Extraction: Introduction and Future Trends. JOJ Ophthalmology, 2017, 2, .   | 0.1 | 0         |
| 34 | A new approach of weighted gradient filter for denoising of medical images in the presence of Poisson noise. Tehnicki Vjesnik, 2016, 23, .                      | 0.3 | 5         |
| 35 | A Morphological Hessian Based Approach for Retinal Blood Vessels Segmentation and Denoising Using Region Based Otsu Thresholding. PLoS ONE, 2016, 11, e0158996. | 1.1 | 81        |
| 36 | B-COSFIRE filter and VLM based retinal blood vessels segmentation and denoising. , 2016, , .  |     | 14        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Poisson noise reduction in scintigraphic images using Gradient Adaptive Trimmed Mean filter. , 2016, , .  |     | 9         |
| 38 | AN EFFICIENT TECHNIQUE FOR RETINAL VESSEL SEGMENTATION AND DENOISING USING MODIFIED ISODATA AND CLAHE. IIUM Engineering Journal, 2016, 17, 31-46. | 0.5 | 16        |