

Ayatullah Faruk Mollah

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

291
citations

1040056

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996975

15
g-index

44
all docs

44
docs citations

44
times ranked

109
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Deep learning approaches to scene text detection: a comprehensive review. <i>Artificial Intelligence Review</i> , 2021, 54, 3239-3298. | 15.7 | 33 |
| 2 | Multi-lingual scene text detection and language identification. <i>Pattern Recognition Letters</i> , 2020, 138, 16-22. | 4.2 | 32 |
| 3 | Handwritten Arabic numerals recognition using convolutional neural network. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 5445-5457. | 4.9 | 21 |
| 4 | AUTNT - A component level dataset for text non-text classification and benchmarking with novel script invariant feature descriptors and D-CNN. <i>Multimedia Tools and Applications</i> , 2019, 78, 32159-32186. | 3.9 | 20 |
| 5 | Hand Segmentation from Complex Background for Gesture Recognition. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 775-782. | 0.6 | 16 |
| 6 | Hand sign recognition from depth images with multi-scale density features for deaf mute persons. <i>Procedia Computer Science</i> , 2020, 167, 2043-2050. | 2.0 | 16 |
| 7 | Multi-Lingual Scene Text Detection Using One-Class Classifier. <i>International Journal of Computer Vision and Image Processing</i> , 2019, 9, 48-65. | 0.4 | 15 |
| 8 | Multi-lingual Text Localization from Camera Captured Images Based on Foreground Homogeneity Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 149-158. | 0.6 | 15 |
| 9 | Text non-text classification based on area occupancy of equidistant pixels. <i>Procedia Computer Science</i> , 2020, 167, 1889-1900. | 2.0 | 10 |
| 10 | Script Identification from Camera-Captured Multi-script Scene Text Components. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 159-166. | 0.6 | 9 |
| 11 | Text detection from camera captured images using a novel fuzzy-based technique. , 2012, , . | | 8 |
| 12 | Multilingual Scene Text Detection Using Gradient Morphology. <i>International Journal of Computer Vision and Image Processing</i> , 2020, 10, 31-43. | 0.4 | 8 |
| 13 | Language identification from multi-lingual scene text images: a CNN based classifier ensemble approach. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 7997-8008. | 4.9 | 8 |
| 14 | Distance Transform-Based Stroke Feature Descriptor for Text Non-text Classification. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 189-200. | 0.6 | 7 |
| 15 | Parameter Tuning in MSER for Text Localization in Multi-lingual Camera-Captured Scene Text Images. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 999-1009. | 0.6 | 7 |
| 16 | Application of daisy descriptor for language identification in the wild. <i>Multimedia Tools and Applications</i> , 2021, 80, 323-344. | 3.9 | 7 |
| 17 | MRCS: multi-radii circular signature based feature descriptor for hand gesture recognition. <i>Multimedia Tools and Applications</i> , 2022, 81, 8539-8560. | 3.9 | 7 |
| 18 | Handheld Mobile Device Based Text Region Extraction and Binarization of Image Embedded Text Documents. <i>Journal of Intelligent Systems</i> , 2013, 22, 25-47. | 1.6 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | HANDHELD DEVICE-BASED CHARACTER RECOGNITION SYSTEM FOR CAMERA CAPTURED IMAGES. International Journal of Image and Graphics, 2013, 13, 1350016. | 1.5 | 5 |
| 20 | Multi-lingual Scene Text Detection by Local Histogram Analysis and Selection of Optimal Area for MSER. Communications in Computer and Information Science, 2019, , 234-242. | 0.5 | 5 |
| 21 | Computationally Efficient Implementation of Convolution-Based Locally Adaptive Binarization Techniques. Communications in Computer and Information Science, 2012, , 159-168. | 0.5 | 5 |
| 22 | Journey of scene text components recognition: Progress and open issues. Multimedia Tools and Applications, 2021, 80, 6079-6104. | 3.9 | 4 |
| 23 | Design of novel post-processing algorithms for handwritten Arabic numerals classification. International Journal of Applied Pattern Recognition, 2017, 4, 342. | 0.4 | 2 |
| 24 | Biomarker Identification From Gene Expression Based on Symmetrical Uncertainty. International Journal of Intelligent Information Technologies, 2021, 17, 1-19. | 0.8 | 2 |
| 25 | Scene Character Recognition with Morphological Filtering and HOG Features. Advances in Intelligent Systems and Computing, 2021, , 1-9. | 0.6 | 2 |
| 26 | A Novel Multi-scale Deep Neural Framework for Script Invariant Text Detection. Neural Processing Letters, 2022, 54, 1371-1397. | 3.2 | 2 |
| 27 | Development of benchmark datasets of multioriented hand gestures for speech and hearing disabled. Multimedia Tools and Applications, 2022, 81, 7285-7321. | 3.9 | 2 |
| 28 | On the Performance of Convolutional Neural Networks with Resizing and Padding. Lecture Notes in Networks and Systems, 2023, , 51-62. | 0.7 | 2 |
| 29 | An Automatic Annotation Scheme for Scene Text Archival Applications. Communications in Computer and Information Science, 2018, , 66-76. | 0.5 | 1 |
| 30 | BOB: a bi-level overlapped binning procedure for scene word binarization. Multimedia Tools and Applications, 2021, 80, 7609-7635. | 3.9 | 1 |
| 31 | A Framework for Multi-lingual Scene Text Detection Using K-means++ and Memetic Algorithms. Studies in Big Data, 2021, , 167-187. | 1.1 | 1 |
| 32 | Benchmarking Automatic Multi-script Scene Component Transcription for AUTNT Dataset. Sensing and Imaging, 2021, 22, 1. | 1.5 | 1 |
| 33 | Genomic Marks Associated with Chromatin Compartments in the CTCF, RNAPII Loop and Genomic Windows. International Journal of Molecular Sciences, 2021, 22, 11591. | 4.1 | 1 |
| 34 | How to handle bi/tri-lingual Indic texts in a single image? A new dataset of natural scene and born-digital images. Multimedia Tools and Applications, 0, , 1. | 3.9 | 0 |