# Hamidullah Binol

List of Publications by Year
in descending order

| | | |
|---|---|---|
| 33<br>papers | 380<br>citations | 1040056<br>9<br>h-index |
| 36<br>all docs | 36<br>docs citations | 36<br>times ranked |

| |
|---|
| 940533<br>16<br>g-index |
| 388<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Advances in Artificial Intelligence to Diagnose Otitis Media: State of the Art Review. Otolaryngology - Head and Neck Surgery, 2023, 168, 635-642. | 1.9 | 6 |
| 2 | OtoXNetâ€"automated identification of eardrum diseases from otoscope videos: a deep learning study for video-representing images. Neural Computing and Applications, 2022, 34, 12197-12210. | 5.6 | 3 |
| 3 | Digital Otoscopy Videos Versus Composite Images: A Reader Study to Compare the Accuracy of ENT Physicians. Laryngoscope, 2021, 131, E1668-E1676. | 2.0 | 9 |
| 4 | Cloud-Based Federated Learning Implementation Across Medical Centers. JCO Clinical Cancer Informatics, 2021, 5, 1-11. | 2.1 | 29 |
| 5 | Automated video summarization and label assignment for otoscopy videos using deep learning and natural language processing. , 2021, , . | | 3 |
| 6 | Convolutional Neural Network-Based Clinical Predictors of Oral Dysplasia: Class Activation Map Analysis of Deep Learning Results. Cancers, 2021, 13, 1291. | 3.7 | 45 |
| 7 | Rosâ€NET: A deep convolutional neural network for automatic identification of rosacea lesions. Skin Research and Technology, 2020, 26, 413-421. | 1.6 | 34 |
| 8 | SelectStitch: Automated Frame Segmentation and Stitching to Create Composite Images from Otoscope Video Clips. Applied Sciences (Switzerland), 2020, 10, 5894. | 2.5 | 10 |
| 9 | A multidimensional scaling and sample clustering to obtain a representative subset of training data for transfer learning-based rosacea lesion identification. , 2020, , . | | 4 |
| 10 | Decision fusion on image analysis and tympanometry to detect eardrum abnormalities. , 2020, , . | | 9 |
| 11 | Heuristic approach for jointly optimising FeICIC and UAV locations in multiâ€tier LTEâ€advanced public safety HetNet. IET Communications, 2020, 14, 3585-3598. | 2.2 | 5 |
| 12 | Interference Coordination for Aerial and Terrestrial Nodes in Three-Tier LTE-Advanced HetNet. , 2019, , . | | 6 |
| 13 | Classification of molecular structure images by using ANN, RF, LBP, HOG, and size reduction methods for early stomach cancer detection. Journal of Molecular Structure, 2018, 1156, 255-263. | 3.6 | 35 |
| 14 | Time Optimal Multi-UAV Path Planning for Gathering its Data from Roadside Units. , 2018, , . | | 38 |
| 15 | Hybrid evolutionary search method for complex function optimisation problems. Electronics Letters, 2018, 54, 1377-1379. | 1.0 | 4 |
| 16 | Ensemble Learning Based Multiple Kernel Principal Component Analysis for Dimensionality Reduction and Classification of Hyperspectral Imagery. Mathematical Problems in Engineering, 2018, 2018, 1-14. | 1.1 | 15 |
| 17 | Improved Fukunagaâ€"Koontz Transform with Compositional Kernel Combination for Hyperspectral Target Detection. Journal of the Indian Society of Remote Sensing, 2018, 46, 1605-1615. | 2.4 | 2 |
| 18 | Target oriented dimensionality reduction of hyperspectral data by Kernel Fukunagaâ€"Koontz Transform. Optics and Lasers in Engineering, 2017, 89, 123-130. | 3.8 | 9 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Improving SVDD classification performance on hyperspectral images via correlation based ensemble technique. Optics and Lasers in Engineering, 2017, 89, 169-177. | 3.8 | 16 |
| 20 | A expert system for stomach cancer images with artificial neural network by using HOG features and linear discriminant analysis: HOG_LDA_ANN. , 2017, , . | | 13 |
| 21 | Recognition of the stomach cancer images with probabilistic HOG feature vector histograms by using HOG features. , 2017, , . | | 36 |
| 22 | Supervised target detection in hyperspectral images using one-class Fukunaga-Koontz Transform. , 2016, , . | | 0 |
| 23 | Covariance descriptor fusion for target detection. , 2016, , . | | 1 |
| 24 | Food inspection using hyperspectral imaging and SVDD. , 2016, , . | | 1 |
| 25 | A supervised discriminant subspaces-based ensemble learning for binary classification. International Journal of Advanced Computer Research, 2016, 6, 209-214. | 1.0 | 3 |
| 26 | Cross correlation based clustering for feature selection in hyperspectral imagery. , 2015, , . | | 1 |
| 27 | New methods based on mRMR_LSSVM and mRMR_KNN for diagnosis of breast cancer from microscopic and mammography images of some patients. International Journal of Biomedical Engineering and Technology, 2015, 19, 105. | 0.2 | 5 |
| 28 | An effective band selection approach for classification in remote sensing imagery. Proceedings of SPIE, 2015, , . | 0.8 | 0 |
| 29 | Differential evolution algorithm-based kernel parameter selection for Fukunaga-Koontz Transform subspaces construction. , 2015, , . | | 3 |
| 30 | Kernel Fukunagaâ€"Koontz Transform Subspaces for Classification of Hyperspectral Images With Small Sample Sizes. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1287-1291. | 3.1 | 19 |
| 31 | A heuristic-based band selection approach to improve classification accuracy in hyperspectral images. , 2015, , . | | 4 |
| 32 | An efficient classifier design for remote sensing hyperspectral imagery. , 2015, , . | | 3 |
| 33 | Unsupervised Nonlinear Feature Extraction Method And Its Effects On Target Detection In High-Dimensional Data. International Journal of Electrical Electronics and Data Communication, 2015, 3, . | 0.1 | 2 |