Hamidullah Binol

List of Publications by Year
in descending order

		1040056	940533
33 papers	**380** citations	**9** h-index	**16** g-index
36 all docs	**36** docs citations	**36** times ranked	**388** citing authors

#	Article	IF	Citations
1	Convolutional Neural Network-Based Clinical Predictors of Oral Dysplasia: Class Activation Map Analysis of Deep Learning Results. Cancers, 2021, 13, 1291.	3.7	45
2	Time Optimal Multi-UAV Path Planning for Gathering its Data from Roadside Units. , 2018, , .		38
3	Recognition of the stomach cancer images with probabilistic HOG feature vector histograms by using HOG features. , 2017, , .		36
4	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
5	Rosâ€NET: A deep convolutional neural network for automatic identification of rosacea lesions. Skin Research and Technology, 2020, 26, 413-421.	1.6	34
6	Cloud-Based Federated Learning Implementation Across Medical Centers. JCO Clinical Cancer Informatics, 2021, 5, 1-11.	2.1	29
7	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
8	Improving SVDD classification performance on hyperspectral images via correlation based ensemble technique. Optics and Lasers in Engineering, 2017, 89, 169-177.	3.8	16
9	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
10	A expert system for stomach cancer images with artificial neural network by using HOG features and linear discriminant analysis: HOG_LDA_ANN. , 2017, , .		13
11	SelectStitch: Automated Frame Segmentation and Stitching to Create Composite Images from Otoscope Video Clips. Applied Sciences (Switzerland), 2020, 10, 5894.	2.5	10
12	Target oriented dimensionality reduction of hyperspectral data by Kernel Fukunagaâ€"Koontz Transform. Optics and Lasers in Engineering, 2017, 89, 123-130.	3.8	9
13	Digital Otoscopy Videos Versus Composite Images: A Reader Study to Compare the Accuracy of ENT Physicians. Laryngoscope, 2021, 131, E1668-E1676.	2.0	9
14	Decision fusion on image analysis and tympanometry to detect eardrum abnormalities. , 2020, , .		9
15	Interference Coordination for Aerial and Terrestrial Nodes in Three-Tier LTE-Advanced HetNet. , 2019, , .		6
16	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
17	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
18	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

#	Article	IF	Citations
19	A heuristic-based band selection approach to improve classification accuracy in hyperspectral images. , 2015, , .		4
20	Hybrid evolutionary search method for complex function optimisation problems. Electronics Letters, 2018, 54, 1377-1379.	1.0	4
21	A multidimensional scaling and sample clustering to obtain a representative subset of training data for transfer learning-based rosacea lesion identification. , 2020, , .		4
22	Differential evolution algorithm-based kernel parameter selection for Fukunaga-Koontz Transform subspaces construction. , 2015, , .		3
23	An efficient classifier design for remote sensing hyperspectral imagery. , 2015, , .		3
24	Automated video summarization and label assignment for otoscopy videos using deep learning and natural language processing. , 2021, , .		3
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	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
27	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
28	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
29	Cross correlation based clustering for feature selection in hyperspectral imagery. , 2015, , .		1
30	Covariance descriptor fusion for target detection. , 2016, , .		1
31	Food inspection using hyperspectral imaging and SVDD. , 2016, , .		1
32	An effective band selection approach for classification in remote sensing imagery. Proceedings of SPIE, 2015, , .	0.8	0
33	Supervised target detection in hyperspectral images using one-class Fukunaga-Koontz Transform. , 2016, , .		0