Hela Elmannai

List of Publications by Year
in descending order

22 papers	271 citations	1684188 5 h-index	1058476 14 g-index
22 all docs	22 docs citations	22 times ranked	23 citing authors

#	ARTICLE	IF	CITATIONS
1	Multilevel threshold image segmentation for COVID-19 chest radiography: A framework using horizontal and vertical multiverse optimization. Computers in Biology and Medicine, 2022, 146, 105618.	7.0	101
2	Hybrid Model for Detection of Cervical Cancer Using Causal Analysis and Machine Learning Techniques. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-17.	1.3	75
3	Deep Learning Models Combining for Breast Cancer Histopathology Image Classification. International Journal of Computational Intelligence Systems, 2021, 14, 1003.	2.7	26
4	Lightweight AI Framework for Industry 4.0 Case Study: Water Meter Recognition. Big Data and Cognitive Computing, 2022, 6, 72.	4.7	18
5	Mathematical COVID-19 model with vaccination: a case study in Saudi Arabia. PeerJ Computer Science, 0, 8, e959.	4.5	10
6	An Empirical Assessment of Performance of Data Balancing Techniques in Classification Task. Applied Sciences (Switzerland), 2022, 12, 3928.	2.5	9
7	Improved Analysis of COVID-19 Influenced Pneumonia from the Chest X-Rays Using Fine-Tuned Residual Networks. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.7	6
8	Feature Extraction-Based Deep Self-Organizing Map. Circuits, Systems, and Signal Processing, 2022, 41, 2802-2824.	2.0	5
9	Classification using semantic feature and machine learning: Land-use case application. Telkomnika (Telecommunication Computing Electronics and Control), 2021, 19, 1242.	0.8	4
10	Rule-based classification framework for remote sensing data. Journal of Applied Remote Sensing, 2019, 13, 1.	1.3	4
11	Developing and Comparing Data Mining Algorithms That Work Best for Predicting Student Performance. International Journal of Information and Communication Technology Education, 2022, 18, 1-14.	1.0	3
12	A new classification approach based on source separation and feature extraction. , 2016, , .		2
13	A new feature extraction approach based on non linear source separation. International Journal of Electrical and Computer Engineering, 2021, 11, 4082.	0.7	2
14	Deep Learning and Uniform LBP Histograms for Position Recognition of Elderly People with Privacy Preservation. International Journal of Computers, Communications and Control, 2021, 16, .	1.8	2
15	Nonlinear Source Separation Based on Multi-Layer Perceptron: Application on Remote Sensing Analysis. , 2012, , .		1
16	Nonlinear separation source and parameterized feature fusion for satelite image patch exemplars. , 2015, , .		1
17	Enhanced Support Vector Machine Applied to Land-Use Classification. Communications in Computer and Information Science, 2019, , 236-244.	0.5	1
18	Performance Evaluation of Simple K-Mean and Parallel K-Mean Clustering Algorithms: Big Data Business Process Management Concept. Mobile Information Systems, 2022, 2022, 1-15.	0.6	1

#	Article	IF	Citations
19	Contribution of the Methodologies Development for the Analysis of Remote Sensing Data. , 2012, , .		0
20	Perceptron nonlinear blind source separation for feature extraction and image classification. , 2012, , .		0
21	Parametric versus discriminative learning approach for multispectral image recognition. , 2017, , .		0
22	Swarm Intelligence and ICA for Blind Source Separation. Communications in Computer and Information Science, 2019, , 183-192.	0.5	0