

Mohamed Abd Elfattah

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

308
citations

1039406

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996533

15
g-index

28
all docs

28
docs citations

28
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	CT Liver Segmentation Using Artificial Bee Colony Optimisation. Procedia Computer Science, 2015, 60, 1622-1630.	1.2	35
2	COVID-19: a new deep learning computer-aided model for classification. PeerJ Computer Science, 2021, 7, e358.	2.7	33
3	A novel perceptual two layer image fusion using deep learning for imbalanced COVID-19 dataset. PeerJ Computer Science, 2021, 7, e364.	2.7	30
4	HANA: A Healthy Artificial Nutrition Analysis model during COVID-19 pandemic. Computers in Biology and Medicine, 2021, 135, 104606.	3.9	27
5	Fine-Tuning Fuzzy KNN Classifier Based on Uncertainty Membership for the Medical Diagnosis of Diabetes. Applied Sciences (Switzerland), 2022, 12, 950.	1.3	26
6	Handwritten Arabic Manuscript Image Binarization Using Sine Cosine Optimization Algorithm. Advances in Intelligent Systems and Computing, 2017, , 273-280.	0.5	17
7	Why Are Generative Adversarial Networks Vital for Deep Neural Networks? A Case Study on COVID-19 Chest X-Ray Images. Studies in Big Data, 2020, , 147-162.	0.8	17
8	Historic handwritten manuscript binarisation using whale optimisation. , 2016, , .		13
9	Bio-inspired BAT optimization algorithm for handwritten Arabic characters recognition. , 2016, , .		13
10	Novel multi-site graph convolutional network with supervision mechanism for COVID-19 diagnosis from X-ray radiographs. Applied Soft Computing Journal, 2022, 114, 108041.	4.1	12
11	Nature Inspired Optimization Algorithms for CT Liver Segmentation. Studies in Computational Intelligence, 2016, , 431-460.	0.7	11
12	Region Growing Segmentation with Iterative K-means for CT Liver Images. , 2015, , .		10
13	Multi-verse Optimization Clustering Algorithm for Binarization of Handwritten Documents. Advances in Intelligent Systems and Computing, 2019, , 165-175.	0.5	8
14	Case-Based Retrieval Approach of Clinical Breast Cancer Patients. , 2015, , .		7
15	An intelligent approach for galaxies images classification. , 2013, , .		6
16	Artificial Bee Colony Based Segmentation for CT Liver Images. Studies in Computational Intelligence, 2016, , 409-430.	0.7	6
17	A binarization algorithm for historical arabic manuscript images using a neutrosophic approach. , 2014, , .		4
18	Galaxies image classification using empirical mode decomposition and machine learning techniques. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
19	Artificial bee colony optimizer for historical Arabic manuscript images binarization. , 2015, , .		4
20	Wolf Local Thresholding Approach for Liver Image Segmentation in CT Images. Advances in Intelligent Systems and Computing, 2016, , 641-651.	0.5	4
21	A Novel Hybrid Binarization Technique for Images of Historical Arabic Manuscripts. Studies in Informatics and Control, 2015, 24, .	0.6	4
22	Automated Classification of Galaxies Using Invariant Moments. Lecture Notes in Computer Science, 2012, , 103-111.	1.0	3
23	An Improved Prediction Approach for Progression of Ocular Hypertension to Primary Open Angle Glaucoma. Advances in Intelligent Systems and Computing, 2014, , 405-412.	0.5	3
24	Enhanced Region Growing Segmentation for CT Liver Images. Advances in Intelligent Systems and Computing, 2016, , 115-127.	0.5	3
25	Particle Swarm Optimization with Random Forests for Handwritten Arabic Recognition System. Advances in Intelligent Systems and Computing, 2017, , 437-446.	0.5	2
26	A Hybrid Swarm Optimization Approach for Document Binarization. Studies in Informatics and Control, 2019, 28, 65-76.	0.6	2
27	Impact of COVID-19 Pandemic on Diet Prediction and Patient Health Based on Support Vector Machine. Advances in Intelligent Systems and Computing, 2021, , 64-76.	0.5	0