Baljit Singh Khehra

List of Publications by Year
in descending order

33	377	932766 10	887659 17
papers	citations	h-index	g-index

36	36	36	317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An integrated approach using CNN-RNN-LSTM for classification of fruit images. Materials Today: Proceedings, 2022, 51, 591-595.	0.9	15
2	Apple image segmentation using teacher learner based optimization based minimum cross entropy thresholding. Multimedia Tools and Applications, 2022, 81, 11005-11026.	2.6	7
3	Fruit recognition from images using deep learning applications. Multimedia Tools and Applications, 2022, 81, 33269-33290.	2.6	15
4	Performance evaluation of Shannon and non-Shannon fuzzy 2-partition entropies for image segmentation using teaching-learning-based optimisation. International Journal of Computational Vision and Robotics, 2022, 12, 250.	0.2	2
5	M. Masi Entropy- and Grey Wolf Optimizer-Based Multilevel Thresholding Approach for Image Segmentation. Journal of the Institution of Engineers (India): Series B, 2022, 103, 1619-1642.	1.3	4
6	A Novel Type-II Fuzzy based Fruit Image Enhancement Technique Using Gaussian S-shaped and Z-Shaped Membership Functions. Algorithms for Intelligent Systems, 2021, , 1-9.	0.5	5
7	Deep Transfer Learning Based Multiway Feature Pyramid Network for Object Detection in Images. Mathematical Problems in Engineering, 2021, 2021, 1-13.	0.6	2
8	Hybrid classifier model for fruit classification. Multimedia Tools and Applications, 2021, 80, 27495-27530.	2.6	14
9	Minimum cross Entropy Thresholding based apple image segmentation using Teacher Learner Based Optimization Algorithm. , 2021, , .		3
10	Fruit images Visibility enhancement using Type-II Fuzzy. , 2021, , .		4
11	Color Image Enhancement based on Gamma Encoding and Histogram Equalization. Materials Today: Proceedings, 2021, 46, 4025-4030.	0.9	3
12	Efficient image classification technique for weather degraded fruit images. IET Image Processing, 2020, 14, 3463-3470.	1.4	14
13	Teaching-learning-based optimization algorithm to minimize cross entropy for Selecting multilevel threshold values. Egyptian Informatics Journal, 2019, 20, 11-25.	4.4	61
14	Visibility enhancement of color images using Type-II fuzzy membership function. Modern Physics Letters B, 2018, 32, 1850130.	1.0	16
15	Performance evaluation of fuzzy 2-partition entropy and big bang big crunch optimization based object detection and tracking approach. Multidimensional Systems and Signal Processing, 2018, 29, 1579-1611.	1.7	1
16	Fuzzy 2-Partition Kapur Entropy for Image Segmentation Using Teaching-Learning-Based Optimization Algorithm. , 2018, , .		2
17	Soft Computing based object detection and tracking approaches: State-of-the-Art survey. Applied Soft Computing Journal, 2018, 70, 423-464.	4.1	42
18	Comparison of Genetic Algorithm, Particle Swarm Optimization and Biogeography-based Optimization for Feature Selection to Classify Clusters of Microcalcifications. Journal of the Institution of Engineers (India): Series B, 2017, 98, 189-202.	1.3	16

#	Article	IF	Citations
19	Water cycle algorithm based multi-objective contrast enhancement approach. Optik, 2017, 140, 762-775.	1.4	5
20	BBBCO and fuzzy entropy based modified background subtraction algorithm for object detection in videos. Applied Intelligence, 2017, 47, 1008-1021.	3.3	6
21	Proposal and Evaluation of a Fuzzy Logic-Driven Resource Allocation Mechanism. International Journal of Fuzzy Systems, 2017, 19, 383-399.	2.3	5
22	Classification of Clustered Microcalcifications using MLFFBP-ANN and SVM. Egyptian Informatics Journal, 2016, 17, 11-20.	4.4	24
23	Image Segmentation Using Two-Dimensional Renyi Entropy. Advances in Intelligent Systems and Computing, 2016, , 521-530.	0.5	4
24	CPU task scheduling using genetic algorithm. , 2015, , .		2
25	Fuzzy 2-partition entropy threshold selection based on Big Bangâ€“Big Crunch Optimization algorithm. Egyptian Informatics Journal, 2015, 16, 133-150.	4.4	9
26	Image Segmentation Using Teaching-Learning-Based Optimization Algorithm and Fuzzy Entropy. , 2015, , .		7
27	DIGITAL MAMMOGRAM ENHANCEMENT USING KAPUR MEASURE OF ENTROPY AND MATHEMATICAL MORPHOLOGY. Biomedical Engineering - Applications, Basis and Communications, 2013, 25, 1350029.	0.3	1
28	Integration of Fuzzy and Wavelet Approaches towards Mammogram Contrast Enhancement. Journal of the Institution of Engineers (India): Series B, 2012, 93, 101-110.	1.3	9
29	Automatic Detection of Microcalcifications in Digitized Mammograms using Fuzzy 2-Partition Entropy and Mathematical Morphology. , 2012, , .		3
30	Texture Features Extraction in Mammograms Using Non-Shannon Entropies. Lecture Notes in Electrical Engineering, 2010, , 341-351.	0.3	3
31	Training back propagation neural networks with genetic algorithm for weather forecasting. , 2010, , .		32
32	Edge Detection in Gray Level Images based on the Shannon Entropy. Journal of Computer Science, 2008, 4, 186-191.	0.5	37
33	Classification of clustered microcalcifications using different variants of backpropagation training algorithms. Multimedia Tools and Applications, 0, , 1.	2.6	1