Ashutosh Aggarwal

List of Publications by Year
in descending order

24 papers	347 citations	1163117 8 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	357 citing authors

#	Article	IF	Citations
1	Cloud Computing-Based Framework for Breast Cancer Diagnosis Using Extreme Learning Machine. Diagnostics, 2021, 11, 241.	2.6	116
2	An efficient and robust approach for biomedical image retrieval using Zernike moments. Biomedical Signal Processing and Control, 2018, 39, 459-473.	5.7	39
3	An improved block based joint reversible data hiding in encrypted images by symmetric cryptosystem. Pattern Recognition Letters, 2020, 139, 60-68.	4.2	39
4	Local Statistics-based Speckle Reducing Bilateral Filter for Medical Ultrasound Images. Mobile Networks and Applications, 2020, 25, 2367-2389.	3.3	26
5	Use of Gradient Technique for Extracting Features from Handwritten Gurmukhi Characters and Numerals. Procedia Computer Science, 2015, 46, 1716-1723.	2.0	23
6	Hiding clinical information in medical images: An encrypted dual-image reversible data hiding algorithm with base-3 numeral framework. Optik, 2019, 181, 1099-1112.	2.9	18
7	A new approach for effective retrieval and indexing of medical images. Biomedical Signal Processing and Control, 2019, 50, 10-34.	5.7	13
8	Zernike Moments-Based Gurumukhi Character Recognition. Applied Artificial Intelligence, 2016, 30, 429-444.	3.2	12
9	An enhanced separable reversible and secure patient data hiding algorithm for telemedicine applications. Expert Systems With Applications, 2021, 186, 115721.	7.6	8
10	A noise resistant image matching method using angular radial transform. , 2014, 33, 116-124.		6
11	An efficient and robust multi-frame image super-resolution reconstruction using orthogonal Fourier-Mellin moments. Displays, 2017, 49, 101-115.	3.7	6
12	Recognition of Devanagari Handwritten Numerals using Gradient Features and SVM. International Journal of Computer Applications, 2012, 48, 39-44.	0.2	6
13	Handwritten Gurmukhi character recognition. , 2015, , .		5
14	Single-image super-resolution using orthogonal rotation invariant moments. Computers and Electrical Engineering, 2017, 62, 266-280.	4.8	5
15	A comparative performance analysis of DCT-based and Zernike moments-based image up-sampling techniques. Optik, 2016, 127, 2158-2164.	2.9	4
16	An efficient approach for image sequence denoising using Zernike moments-based nonlocal means approach. Computers and Electrical Engineering, 2017, 62, 330-344.	4.8	4
17	A new convolution model for the fast computation of Zernike moments. AEU - International Journal of Electronics and Communications, 2017, 72, 104-113.	2.9	4
18	An Effective Approach for Noise Robust and Rotation Invariant Handwritten Character Recognition Using Zernike Moments Features and Optimal Similarity Measure. Applied Artificial Intelligence, 2020, 34, 1011-1037.	3.2	4

#	Article	IF	Citations
19	Hiding clinical information in medical images: an enhanced encrypted reversible data hiding algorithm grounded on hierarchical absolute moment block truncation coding. Multidimensional Systems and Signal Processing, 2020, 31, 1051-1074.	2.6	4
20	Zernike moments-based retrieval of CT and MR images. , 2015, , .		2
21	Content-based retrieval of biomedical images using orthogonal Fourier-Mellin moments. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2019, 7, 286-296.	1.9	2
22	A meta-heuristic-based energy efficient route modeling for EV on non-identical road surfaces. Neural Computing and Applications, 2022, 34, 15575-15588.	5.6	1
23	Hybrid DCT-Zernike moments-based approach for image up-sampling. , 2015, , .		0
24	Comparative Performance Analysis of Local Feature Descriptors for Biomedical Image Retrieval. Lecture Notes in Computational Vision and Biomechanics, 2019, , 1039-1053.	0.5	0