Yepuganti Karuna

List of Publications by Year
in descending order

21	93	2258059	2053705
21	**93**	**3**	**5**
papers	citations	h-index	g-index

21	21	21	42
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Novel Strong Decorrelation Approach for Image Subband Coding Using Polynomial EVD Algorithms. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2021, 91, 147-157.	1.2	0
2	IoT plant monitoring system for mental health therapy. AI and Society, 2021, 36, 1029-1034.	4.6	2
3	Broadband subspace decomposition of convoluted speech data using polynomial EVD algorithms. Multimedia Tools and Applications, 2020, 79, 5281-5299.	3.9	3
4	Segmentation of tumor using PCA based modified fuzzy C means algorithms on MR brain images. International Journal of Imaging Systems and Technology, 2020, 30, 1337-1345.	4.1	8
5	Brain MR Image Classification Using DWT and Random Forest with AdaBoostM1 Classifier. , 2018, , .		3
6	An Improved Type 2 Fuzzy C Means Clustering for MR Brain Image Segmentation Based on Possibilistic Approach and Rough Set Theory. , 2018, , .		3
7	Brain Tissue Classification using PCA with Hybrid Clustering Algorithms. International Journal of Engineering and Technology(UAE), 2018, 7, 536.	0.3	1
8	MS Lesion Segmentation for Single and Multichannel MRI Images Using MICO Technique. , 2018, , .		1
9	Robust Intuitionistic Fuzzy c-Means Clustering Algorithm for Brain Image Segmentation. , 2018, , .		2
10	Comparative Analysis of Various Enhancement Methods for Astrocytoma MRI Images. , 2018, , .		13
11	Automated Classification of Brain Images Using DWT and Biogeography-Based Optimisation. , 2018, , .		3
12	Smart Walking Stick for Blind Integrated with SOS Navigation System. , 2018, , .		22
13	Object Identification using Wavelet Transform. Indian Journal of Science and Technology, 2016, 9, .	0.7	7
14	Design of multichannel wiener filter for speech enhancement in hearing aids and noise reduction technique. , 2016, , .		3
15	Design of matrix wiener filter for noise reduction and speech enhancement in hearing aids. , 2016, , .		9
16	Design of maximally decimated linear phase orthogonal filter bank using iterative SVD technique and its applications. , 2016, , .		5
17	Design of data dependent filter bank using sequential matrix diagonalization algorithm. , 2016, , .		6
18	Design of multicarrier pulses maximizing SINR by ISI/ICI shaping for the Doubly Dispersive channel. , 2014, , .		0

#	Article	IF	Citations
19	Complete analysis of the Eigen functions of Fourier transform. , 2013, , .		0
20	Real and complex Eigen functions: An analysis of the 2-D Fourier transform. , 2012, , .		1
21	IIR deconvolution from noisy observations using Kalman filtering. , 2010, , .		1