

# Yepuganti Karuna

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9193830/publications.pdf>

Version: 2024-02-01

21  
papers

93  
citations

2258059

3  
h-index

2053705

5  
g-index

21  
all docs

21  
docs citations

21  
times ranked

42  
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart Walking Stick for Blind Integrated with SOS Navigation System. , 2018, , .		22
2	Comparative Analysis of Various Enhancement Methods for Astrocytoma MRI Images. , 2018, , .		13
3	Design of matrix wiener filter for noise reduction and speech enhancement in hearing aids. , 2016, , .		9
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	Object Identification using Wavelet Transform. Indian Journal of Science and Technology, 2016, 9, , .	0.7	7
6	Design of data dependent filter bank using sequential matrix diagonalization algorithm. , 2016, , .		6
7	Design of maximally decimated linear phase orthogonal filter bank using iterative SVD technique and its applications. , 2016, , .		5
8	Design of multichannel wiener filter for speech enhancement in hearing aids and noise reduction technique. , 2016, , .		3
9	Brain MR Image Classification Using DWT and Random Forest with AdaBoostM1 Classifier. , 2018, , .		3
10	An Improved Type 2 Fuzzy C Means Clustering for MR Brain Image Segmentation Based on Possibilistic Approach and Rough Set Theory. , 2018, , .		3
11	Automated Classification of Brain Images Using DWT and Biogeography-Based Optimisation. , 2018, , .		3
12	Broadband subspace decomposition of convoluted speech data using polynomial EVD algorithms. Multimedia Tools and Applications, 2020, 79, 5281-5299.	3.9	3
13	Robust Intuitionistic Fuzzy c-Means Clustering Algorithm for Brain Image Segmentation. , 2018, , .		2
14	IoT plant monitoring system for mental health therapy. AI and Society, 2021, 36, 1029-1034.	4.6	2
15	IIR deconvolution from noisy observations using Kalman filtering. , 2010, , .		1
16	Real and complex Eigen functions: An analysis of the 2-D Fourier transform. , 2012, , .		1
17	Brain Tissue Classification using PCA with Hybrid Clustering Algorithms. International Journal of Engineering and Technology(UAE), 2018, 7, 536.	0.3	1
18	MS Lesion Segmentation for Single and Multichannel MRI Images Using MICO Technique. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Complete analysis of the Eigen functions of Fourier transform. , 2013, , .		0
20	Design of multicarrier pulses maximizing SINR by ISI/ICI shaping for the Doubly Dispersive channel. , 2014, , .		0
21	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