

Name : Dr.P.Arockia Jansi Rani

Department/Institution : Computer Science and Engineering, Manonmaniam Sundaranar University, Tirunelveli-12.

Area of Specialization : Digital Image Processing, Neural Networks, Data Mining

List of Publications since 2015

S. No.	Title, Vol., Page No. & Year	Journal	ISSN No.	Whether peer reviewed, Impact Factor, if
Book Chapter				
1.	Threshold Secret Sharing Scheme for Compartmented Access Structures, Dec. 2019 DOI: 10.4018/978-1-7998-1763-5.ch026	Cryptography: Breakthroughs in Research and Practice (Book)	ISBN13: 97817998 17635 EISBN13: 97817998 17642	Copyright: © 2020
Articles in Journals				
2.	High Level Binary Feature Vector For Classification Of T1c+ Ring Enhancing Lesions, VOLUME 9, ISSUE 01, JANUARY 2020	International Journal of Scientific & Technology Research	ISSN 2277-8616	SCOPUS indexed
3.	Gradient Based Aura Feature Extraction for Coral Reef Classification, Vol. 114, pp:49–166, April 2020	Wireless Personal Communications	ISSN: 0929-6212 (Print) 1572-834X (Online)	Springer US
4.	A Computational Framework for Detect congestion with Orthogonal Polynomials Model, May 2019, vol. 6, No. 5, pp:19-26, CIKITUSI,	Journal for Multidisciplinary Research	ISSN No.: 0975-6876	UGC No. : 40784; Thomson Reuters', SCOPUS indexed
5.	Design and Implementation of Priority Hop Based Energy efficient Cluster Routing Algorithm for WSN Data Aggregation, Vol. 14, No. 11 June 2019, pp. 2698-2703 © Research India Publications. http://www.ripublication.com	International Journal of Applied Engineering Research	0973-4562 (Print) 0973-9769 (Online)	SCOPUS(2010- 2017), EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate, ICI, Index Copernicus IC Value 82.67 and UGC Approved Journal - 2017 (Journal No. - 64529)

6.	New Fool Proof Examination System through Color Visual Cryptography and Signature Authentication, Vol. 16, No. 1, January 2019	The International Arab Journal of Information Technology	1683-3198 (print) 2309-4524 (Online)	IF: 0.724 Thomson Reuters, DBLP, J-Gate, Elsevier, Google scholar indexed
7.	Key-Frame Extraction Techniques: A Review, Volume 11 , Issue 1 , Nov. 2018, DOI : 10.2174/2213275911666180719111118	Recent Patents on Computer Science	2213-2759 (Print) 1874-4796 (Online)	Scopus, EI/Compendex, Google Scholar, Genamics, PubsHub, J-Gate, EBSCO
8.	Temporal redundancy reduction in wavelet based video Compression for high definition videos, November 2018, Volume: 09, Issue: 02, DOI: 10.21917/ijivp.2018.0263	ICTACT Journal on Image and Video Processing	0976-9099 (Print) 0976-9102 (Online)	Cross ref, J-Gate, EBSCO, IET Inspec, Google Scholar indexed
9.	Secured Lossy Color Image Compression Using Permutation and Predictions, Jun 2017, Vol. 9 Issue 6, p29-36. 8p	International Journal of Image, Graphics & Signal Processing		EBSCO's databases
10.	Improving Efficiency In Image Encryption And Compression Using Permutations & Predictions, Vol.7, Issue 04, May 2017	. ICTACT Journal on Image & Video Processing	0976-9099 (Print) 0976-9102 (Online)	Google Scholar indexed
11.	Wavelet based Feature Vector for Shot Boundary Detection, 175002 (9 pages), Vol. 17, No.1, Jan. 2017, DOI: 10.1142/S0219467817500024	International Journal of Image and Graphics	Print 0219-4678 Online 1793-6756	Peer reviewed World Scientific publication, DBLP Bibliography
12.	Hierarchical Threshold Secret Sharing Scheme for color images, pp.1-15, Feb. 2017 DOI: 10.1007/s11042-016-4074-y	International Journal of Multimedia Tools and Applications	Print ISSN: 1380-7501 Online ISSN: 1573-7721	Peer reviewed Springer publication, Science Citation Index Expanded, IF:1.57
13.	RVM•based human Action Classification through Gabor and Haar Feature extraction, Dec. 2016, Vol.6,No.1/2, pp.54 • 64. DOI: 10.1504 / IJCVR. 2016.07375,10.1504/16.73758.	International Journal of Computational Vision and Robotics	ISSN. 1752-914x (online), 1752-9131 (print)	Peer reviewed Inderscience publication

14.	Shot Boundary Detection using Octagon Square Search Pattern, 1375(4pages), 10(7), July 2016	International Journal of Computer, Electrical, Automation, Control and Information	-	World Academy of Science, Engineering and Technology
15.	An Efficient Temporal Redundancy Transformation for Wavelet Based Video Compression, July 2016, V 16, No.3 DOI: 10.1142 /S0219467816500157	(IJIG) - International Journal of Image and Graphics	Print 0219-4678 Online 1793-6756	Peer reviewed World Scientific publication, DBLP Bibliography Server, Google Scholar, Proquest
16.	Threshold Secret Sharing Scheme for Compartmented Access Structures, July 2016, 10(3), pp.1-9 DOI: 10.4018 /IJISP.2016070101	International Journal of Information Security and Privacy	1930-1650 (print) 1930-1669 (online)	Thomson Reuters Indexed, ACM, Digital Library
17.	A New Robust Reversible Blind Watermarking in Wavelet-Domain for Color Images, Apr. 2016. Vol. 16, No. 02, 1650006(16pages), http://dx.doi.org/10.1142/S0219467816500066	International Journal of Image and Graphics (IJIG)	1793-6756 (print) 0219-4678 (online)	Peer reviewed, World Scientific Publications
18.	K out of N Secret Sharing Scheme for Multiple Color Images with Steganography and Authentication, Apr. 2016, Vol:16, No:2, pp. 1650010(18 pages), DOI:10.1142/S021946781650010	International Journal of Image and Graphics	Print ISSN: 0219-4678 Online ISSN: 1793-6756	World Scientific Publication
19.	Comparative Analysis of Video Steganography Techniques Vol.5, No. 3, March 2016, pp.: 137-145	International Journal of Innovative Research in Science, Engineering and Technology	ISSN (Online) : 2319-8753 (Print) : 2347-6710	-
20.	Frame Differencing based segmentation for low bit rate video codec using H.264, Jan.2016, Vol. 6, Nos. 1/2, pp. 41- 53, DOI: 10.1504/IJCVR.2016.073757	International Journal of Computational Vision and Robotics	ISSN. 1752-914x (online), 1752-9131 (print)	Peer reviewed Inderscience Publication. Scopus (elsevier), Academic one file(gale), ACM

21.	Threshold based Region Incrementing Secret Sharing Scheme for Color Images, February 2015, Vol. 9, Issue 8, pp.1954-1959	International Journal of Computer, Electrical, Automation, Control and Information Engineering	-	World Academy of Science, Engineering and Technology
22.	Progressive Lossless Color Image Compression Using Pixel-wise Spatial Interleave Prediction, Vol. 10, No. 16, 2015, pp 36252 - 36256.	International Journal of Applied Engineering Research (IJAER)	ISSN 0973-4562	Research India Publications
23.	Human Action Recognition System based on Silhouette, 2015, Volume 9, Issue 11, pp. 2322-2326,	International Journal of Computer, Electrical, Automation, Control and Information Engineering	---	Peer reviewed, World Academy of Science, Engineering and Technology
24.	Static and Multiresolution Feature Extraction for Video Summarization, 2015. Vol. 47, pp.292-300.	Procedia Computer Science	ISSN: 1877-0509	Peer reviewed, Elsevier Publication
25.	Enhancing the Performance of H.264/AVC in Adaptive Group of Pictures Mode Using Octagon and Square Search Pattern, 2015, Vol:9, No:8, pp. 1362-1366	World Academy of Science, Engineering and Technology	----	International Science indexed
26.	(N, N) Secret Color Image Sharing Scheme with Dynamic Group, June 2015, Vol.7, No. 7, pp.46-52, DOI: 10.5815/ijcnis.2015.07.06	International Journal of Computer Network and Information	ISSN: 2074-9090 (Print), 2074-9104	Peer reviewed, IF: 0.726
27.	Design of Block Based Visual Secret Sharing Scheme for Color Images, May 2015, Vol:10, No:33, pp. 26087-26091.	International Journal of Applied Engineering Research	ISSN : 0973 - 4562	Peer reviewed, Scopus Indexed
28.	Human Action Recognition System, Vol 2, No.3, April 2015	AASCIT Communications	ISSN 2375-3803	Peer reviewed, Scopus Indexed

29.	Design of a Video Summarization Scheme in the Wavelet Domain Using Statistical Feature Extraction, Mar. 2015. Vol. 7, Issue 4, pp.60-67, DOI: 10.5815/ijigsp.2015.04.07	International Journal of Image, Graphics and Signal Processing (IJIGSP)	2074-9074 (Print), 2074-9082 (Online)	Peer reviewed
30.	Comparative Analysis of Block Matching Algorithms for Video Compression, February 2015, Vol. 12, No. 4, pp. 124-131.	International Journal of Emerging Technology in Computer Science and Electronics	ISSN: 0976-1353	Peer reviewed
31.	Empirical Evaluation of Generic Weighted Cubicle Pattern and LBP Derivatives for Abnormality Detection in Mammogram Images, February 2015, Vol. 15, No. 1, DOI: http://dx.doi.org/10.1142/S0219467815500011	International Journal of Image and Graphics	Print 0219-4678 Online 1793-6756	World Scientific Publishing, peer reviewed