

Dr.R.S.Sabeenian - List of Publications (Last 5 years):

1. Dr.R.S.Sabeenian, Dr.M.E.Paramasivam, Dinesh P M, "Palm-Leaf Manuscript Character Recognition and Classification Using Convolutional Neural Networks" Computing and Network Sustainability, 397- 404.
2. Dr.R.S.Sabeenian, P.Anandan, "Fabric defect detection using Discrete Curvelet Transform" International Conference on Robotics and Smart Manufacturing (RoSMa2018), Procedia Computer Science 133 (2018) 1056–1065, pp 1056-1065.
3. Dr.R.S.Sabeenian, Dr.M.E.Paramasivam, "Experimental investigation on NI MYRIO for closed room navigation using image recognition algorithm", Journal of International Pharmaceutical Research, ISSN: 1674-0440, 393-395.
4. Dr.R.S.Sabeenian, "Design of Control Electronics for Microwave Photonics Based Carrier Generation", Design of Control Electronics for Microwave Photonics Based Carrier Generation - IEEE Conference Publication, 6/7/2019
5. Dr.R.S.Sabeenian, .Yuvaraja, "Dual Tree Complex Wavelet Transform-based Image Security Using Steganography" Applied Mathematics & Information Sciences, An International Journal, Appl. Math. Inf. Sci. 13, No. 2, 215-222 (2019).
6. Dr.R.S.Sabeenian, Dr.M.E.Paramasivam, Dinesh P M, "Perceptually Weighted Color-to-Grayscale conversion for images with non-uniform chromatic distribution using Multiple Regression" Caribbean Journal of Science, pp 463-474, Volume 53, ISSUE 1 (JAN - APR), 2019, ISSN: 0008-6452.
7. Prof.T.Shanthi, Dr.R.S.Sabeenian, "Modified Alexnet architecture for classification of diabetic retinopathy images", Computers and Electrical Engineering, 76, 56-64, 2019.
8. Dr.R.S.Sabeenian Prof.T.Shanthi, Prof.R.Anand, "Real Time Noisy data set implementation of Optical Character identification using CNN", International Journal of intelligent Enterprises, Inderscience Publishers, 2019, 1.5.
9. A.Murugan, Dr.R.S.Sabeenian, "A novel prognosis and segmentation of necrosis (dead cells) in contrast enhanced T1 weighted Glioblastoma tumour with automatic contextual clustering", International Journal of Imaging systems and Technology, Wiley Publications, 29, 65-76, 2019, 1.423
10. Prof.T.Yuvaraj, Dr.R.S.Sabeenian, "Dual Tree Complex Wavelet Transform-based Image Security Using Steganography", Applied Mathematics & Information Sciences, Vol.13,2, 215-222, 2019

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11. Dr.R.S.Sabeenian, T.Shanthi, "Automatic Classification of fabric types using modified deep learning architecture accepted to be published in the journal of web engineering".
12. Dr.R.S.Sabeenian, T. Yuvaraja, "Performance analysis of medical image security using steganography based on fuzzy logic", Cluster Computing The Journal of Networks, Software Tools and Applications, Cluster Computer DOI 10.1007/s10586-018-2096-0 ISSN 1386-7857, 6 March 2018.

2017

13. Dr.R.S.Sabeenian, P.M.Dinesh, "Comparative analysis of zoning approaches for recognition of Indo Aryan language using SVM classifier", Cluster Computing Springer, Scopus, Web of science, Thomson Reuters, IF 2.04, November 17.
14. Dr.R.S.Sabeenian, Murugappan, "Texture based medical image classification by using multi-scale gabor rotation invariant local binary pattern (MGRLBP)", Cluster Computing Springer, Scopus, Web of science, Thomson Reuters, IF 2.04, November 17.
15. A.Murugan, Dr.R.S.Sabeenian "An efficient and automatic glioblastoma brain tumor detection using shift-invariant shearlet transform and neural networks", International Journal of Imaging Systems and Technology, Vol.27, Issue 3, 216-226, Sep 2017.
16. K.Manju, Dr.R.S.Sabeenian "Robust CDR calculation for glaucoma identification", Biomedical Research 2017; Special Issue: ISSN 0970-938X, Accepted on July 03, 2017.
17. K.Manju, Dr.R.S.Sabeenian "Review on Optic Disc and Cup Segmentation" Biomedical & Pharmacology Journal Vol. 10(1), 373-379 (2017), March 03, 2017).
18. T.Shanthi, Dr.R.S.Sabeenian, "An Automated Detection of Microaneurysm to Facilitate Better Diagnosis of Diabetic Retinopathy" BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA, March 2017. Vol. 14(1), 483-488.

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19. M.Varathaguru, R.S.Sabeenian "Image compression using Improved spiht Algorithm with DCCI method", SSN2321- 807X, Volume 12 Number 15, Journal of Advance sinchemistry, 4785 Page, November 2016
20. Lavanya s, R S sabeenian region based segmentation of iris images for efficient biometric authentication using sectional mass estimation technique and gray level distribution measure asian journal of research in social sciences and humanities, vol.6, sep.2016, pp 192-205.
21. S. Ponlatha, R. S. Sabeenian High quality video compression for noise removal classification using discrete cosine transforms based spatial detection, asian journal of research in social sciences and humanities.
22. K. Vidyavathi, R. S. Sabeenian MALSS: macro level subblock search algorithm based video coding applications" Asian journal of research in social sciences and humanities, Vol. 6, Special Conference Issue Sept 2016, pp. 333-342. ISSN 2249-7315, A Journal Indexed in Indian Citation Index,
23. R.S.Sabeenian, M.Varathaguru, "New Edge-Directed interpolation Based-Lifting DWT and MSPIHT Algorithm for Image Compression", Published online July 2016 in SciRes
24. R.S.Sabeenian, K.Vidyavathy, "Neighbour Block Difference Vector (NBDV) Based Motion Estimation and Self Occlusion Detection in Video Compression" Vol 24, No 10 (2016)
25. R.S.Sabeenian, Ponlatha, "Multi Attribute Feature Approximation Based Snapshot Generation and Video Compression Using Fractional Wavelet Transform" Vol 24, No 10 (2016)

26. R.S.Sabeenian, Lavanya " WBM- White Black Mass Estimation Technique Based Iris Recognition for Improved Biometric Authentication", Vol 24, No 10 (2016),pp
27. M.E.Paramasivam, R.S.Sabeenian "Contrast Based Color Plane Selection for Binarization of Historical Document Images", Emerging Trends in Electrical, Communications and Information Technologies, Volume 394 of the series Lecture Notes in Electrical Engineering pp 249255, Date: 15 November 2016.
28. M.E.Paramasivam, R.S.Sabeenian "Color-to-grayscale conversion using the Method of Least Squares" 2016.
29. M.E.Paramasivam, R.S.Sabeenian "Perceptually Weighted Color-to-Grayscale conversion for images with non-uniform chromatic distribution using Multiple Regression" 2016.
30. M.E.Paramasivam, R.S.Sabeenian, "Analysis of Binarization Algorithms considering Color-to-Gray scale conversion methods on Historic Document Images" 2016.
31. R. Gayathri, R.S.Sabeenian "Fast Impulse Noise Removal Algorithm for Medical Images Using Improved Weighted Averaging Filtering" International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 1, December 2016 pp 661- 668.
32. M.E.Paramasivam, R.S.Sabeenian, "A combined Color-to-Gray scale conversion and Noise reduction Model using Multiple Regression for Historic Document Images" 2016
33. R.S.Sabeenian, M.Varathaguru," New Edge-Directed Interpolation Based-Lifting DWT and MSPIHT Algorithm for Image Compression" International Journal of Circuits and Systems, 2016, 7, 2242-2252.
34. R.S.Sabeenian, P. Anandan "Medical Image Compression Using Wrapping Based Fast Discrete Curvelet Transform and Arithmetic Coding" International Journal of Circuits and Systems, 2016, 7, 2059-2069.

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35. R.S.Sabeenian, S.Lavanya, "Novel Segmentation of Iris Images for Biometric Authentication using Multi feature Volumetric Measure", Published in the International Journal of Applied Sciences, Engineering and technology 11(4): October 2015,347-354.
36. Dr.R.S.Sabeenian, "An Efficient method for Video Compression using Motion estimation and Block tree coding" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.46 October 2015, pp. 32228- 32239.
37. Dr.R.S.Sabeenian, "Novel Segmentation of Iris Images for Biometric Authentication Using Multi Feature Volumetric Measure" Research Journal of Applied Sciences, Engineering and Technology 11(4), Oct 2015, pp.347-354,
38. Dr.R.S.Sabeenian, "Motion Estimation and Detection for Curved UHD TV", International Journal of Applied Engineering Research ISSN 0973-4562, Volume 10, Number 10, April 2015,pp.9923-9925.
39. Dr.R.S.Sabeenian, "Laplacian Regularization Regression Based Impulse Denoising" International Journal of Applied Engineering Research ISSN 0973-4562, Volume 10, Number 10, April 2015,pp 9918-9922.

40. Dr.R.S.Sabeenian, "Restoration of Degraded Documents using Image Binarization Technique", Asian Research Publishing Network ARPN Journal of Engineering and Applied Sciences, Vol. 10, No. 7, April 2015, pp. 2813- 2817.
41. Dr.R.S.Sabeenian," Improved Mean Shift Based Speckle Filtering in SAR Imagery", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE), ISSN: 0976-1353 Volume 13 Issue 1 –MARCH 2015, pp.480-484.