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Area of Specialization: Digital Image Processing, Artificial Neural Network, Computer Networks

Publications:

- 1.C.Emmy Prema, **S.S.Vinsley**, S.Suresh 2018, 'Efficient Flame Detection Based on Static and Dynamic Texture Analysis in Forest Fire Detection', Fire Technology DOI: 10.1007/s10694-017-0683-x January 2018, Volume 54, Issue 1, pp 255–288.
2. Kannan E.P. & **Vinsley S S** 2017 A Novel Demosaicing Algorithm Based on Gregory Newton Formula of Interpolation Journal of Computational and Theoretical Nanoscience Vol. 14, 5972–5979,
- 3.Nagarajan, P & **Vinsley S.S** 2016, 'Accurate Optic Disc Boundary In Digital Fundus Images Using Discrete Shearlet Transform And Convex Hull Border Estimator', Journal of Medical Imaging and Health Informatics, vol. 39, no. 2, pp. 270-275.
4. Nagarajan, P & **Vinsley S.S** 2016, 'Optic Disc Boundary Approximation Using Elliptical Template Matching', International Journal of Pharmaceutical Sciences Review and Research, vol. 6, no. 4,pp. 978-983.
- 5.Emmy Prema, C,**Vinsley S.S** &Suresh, S 2016, 'Multi feature analysis of smoke in YUV color space for early forest fire detection', Fire Technology, vol. 52, pp. 1319-1342 (Springer: Impact factor: 1.016).
- 6.Emmy Prema, C&**Vinsley S.S** 2016, 'Performance analysis of statistical parameter based fire pixel segmentation in various color spaces', Asian Journal of Information Technology, (Medwell Journals: Impact factor: 0.371).
- 7.Emmy Prema, C,**Vinsley S.S** &Suresh, S 2016, 'An efficient fire detection algorithm based on static and dynamic texture analysis of flame', Fire Technology, (In Press) (Springer: Impact factor: 1.709).
8. Jaisi Praba, P & **Vinsley S.S** 2016, 'W-STFRFT: Wiener Filtering in Short Time Fractional Fourier Domain for chirp signal enhancement', Asian Journal of Information and Technology vol. 15, no.23, pp. 4744-4757, ISSN:1682-3915.
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10. Anand J Dhas & **Vinsley S.S** 2016, ' An Effective Brain Tumor Detection and Segmentation Technique by Using Watershed Algorithm and Optimized Neural Network', Journal Of Computational and Theoretical Nanoscience, Vol. 13, pp.7238-7249, ISSN:1546-1955. (Impact factor:1.665)
- 11.Mahiba, D, Emmy Prema, C& **Vinsley S.S** 2015, 'Wavelet based flame flicker analysis for fire detection', International Journal of Applied Engineering Research, Vol. 10, No. 2, pp. 1407-1411 (Trans Tech Publications : Impact factor: 0.158).
- 12.Emmy Prema, C, **Vinsley S.S**, ShyamJegadeeshJ 2014, 'Efficient colour based fire pixel classification using image processing' Applied Mechanics and Materials, vol. 626, pp. 52-57 (2014).(Trans Tech Publications :Impact factor: 0.158).
- 13.Edwin Singh, **Vinsley S.S** 2013, 'Reduce Switching Activity in Circuits under Test with LT-RTPG and Fault Analysis', International Journal of Advances in Engineering and Emerging Technology (IJAEET), Volume 1, Issue 1, ISSN: 2321-452X, 2013