Annexure I

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List of Publications: 09

1. T. Veerakumar, Raviprasad K. Jagannath, Badri naryan subudhi and S.Esakkirajan(June 2016), "Impulse noise removal using adaptive radial basis function interpolation", Circuits, Systems and Signal Processing, pp. 1-32

2. C. Vimalraj, S. Esakkirajan, T.Veerakumar and P.Sreevidya(October 2016), "Direction sensitive wavelet packet for despeckling of ultrasound images", IET Computer Vision, vol.10, pp. 746-757.

3. Badrinarayan subudhi, Veerakumar, Esakkirajan, Ashish Gosh,(November 2016) "Tumor or abnormality identification from magnetic resonance images using statistical region fusion based segmentation", Magnetic Resonance Imaging, vol. 34,pp. 1292-1304.

4. T. Veerakumar, B.N. Subudhi, S. Esakkirajan and PK Pradhan (2017), "Context model based Edge Preservation Filter for Impulse Noise Removal", Expert Systems with Applications, pp. 29-44.

5. B. Keerthiveena, S. Esakkirajan, K.Selvakumar and T. Yogesh (November 2019), "Computer-aided diagnosis of retinal diseases using multidomain feature fusion", International Journal of Imaging Systems and Technology, pp. 367-379.

6. Badri Narayan Subudhi, T. Veerakumar, S. Esakkirajan, Ashish Gosh(2019), "Context Dependent Fuzzy Associated Statistical Model for Intensity Inhomogenity Correction from Magnetic Resonance Images", IEEE Journal of Translational Engineering in Health and Medicine, vol.7, pp. 1-9.

7. T. Veerakumar, B.N.Subudhi and S. Esakkirajan (2019), "Empirical Mode Decomposition and Adaptive Bilateral Filter approach for Impulse Noise Removal", Expert Systems with Applications, pp. 18-27.

8. S. Dhaksina Kumar, S. Esakkirajan, S. Bama and B. Keerthiveena (July 2020)," A microcontroller based machine vision approach for tomato grading and sorting using SVM classifier", Microprocessors and Microsystems, vol. 76, pp. 1-15.

9. Badri Narayan Subudhi, T. Veerakumar, S. Esakkirajan, Ashish Gosh (2020), “Kernelized Fuzzy Modal Variation for Local Change Detection From Video Scenes”, IEEE Transactions on Multimedia, vol.22, No.4, pp. 912-920.