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International journals published in Annexure I and Annexure II

1. **Padma Nanthagopal, A.** and Sukanesh Rajamony, R. “A Region based Segmentation of tumor from brain CT images using Nonlinear Support Vector Machine classifier”, Journal of Medical Engineering & Technology, Vol. 36, No. 5, pp. 271 - 277, 2012.
2. **Padma Nanthagopal, A.** and Sukanesh Rajamony, R. “Automatic Classification of Brain Computed Tomography Images using Wavelet Based Texture Features”, Journal of Visualization, Springer publications, Vol. 15, No. 4, pp. 363 – 372, 2012.
3. **Padma, A.** and Sukanesh, R. “Combined Texture Feature Analysis of Segmentation and Classification of Benign and Malignant Tumor CT Slices”, Journal of Medical Engineering & Technology, Vol. 37, No. 1, pp. 1 – 9, 2013.
4. **Padma, A.** and Sukanesh, R. “Wavelet Statistical Texture Features based Segmentation and Classification of Brain CT Images”, International Journal of IET Image processing , Vol 7, No. 1, pp.25-32, 2013.
5. **Padma Nanthagopal, A.** and Sukanesh Rajamony, R. “Classification of Benign and Malignant Brain Tumor CT Images using Wavelet Texture Parameters and Neural Network classifier”, Journal of Visualization, Springer publications, Vol. 16, No. 1, pp. 19 – 28, 2013.
6. **Padma Nanthagopal, A.** and Sukanesh, R, “SVM Based Classification of Soft Tissues in Brain CT Images Using Wavelet Based Dominant Gray Level Run Length Texture Features”, Middle East Journal of Scientific Research, Vol. 13, No. 7, 2013.
7. **Padma, A.,** and Sukanesh, R. “Segmentation and Classification of Brain CT Images using Combined Wavelet Statistical Texture Features”, The Arabian Journal for Science and Engineering , Springer Publications, Vol 39, No 2, pp.787-776, 2014.
8. **Padma, A. and** Giridharan,N. “Performance comparison of texture feature analysis methods using PNN classifier for segmentation and classification of brain CT images”, International journal of Imaging systems and Technology, Vol. 26, No 2, March 2016.

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1. **Padma, A. and Sukanesh, R.** “Automatic diagnosis of abnormal tumor region from brain computed tomography images using wavelet based statistical texture features”, International journal of Computer Science, Engineering and Information Technology (AIRCC Publications), Vol. 1, No. 3, pp. 22 - 34, 2011.
2. **Padma, A. and Sukanesh, R.** “Automatic Segmentation of brain tumors in CT images using optimal dominant run length texture features”, International Journal of Advanced Computer Science and Applications (SAI organization), Vol. 2, No. 10, pp. 53 - 59, 2011.
3. **Padma, A. and Sukanesh, R.** “A wavelet based automatic segmentation brain tumors in CT images using optimal texture features”, International Journal of Image Processing (CSC publications), Vol. 5, No. 5. pp. 552 - 563, 2011.
4. **Padma, A. and Sukanesh, R.** “Feature based Texture analysis of discriminating benign, malignant tumors”, International Journal of Applied Computing (Serial publications), Vol. 4, No. 2, pp. 125 - 131, 2011.
5. **Padma, A. and Sukanesh, R.** “Texture Feature based analysis of segmenting soft tissues from brain CT images using BAM-type Artificial neural network”, International Journal of Information Engineering and Applications (ISSTE publications), Vol. 1, No. 4, pp. 34 - 42, 2011.
6. **A. Padma, A. and Dr. R. Sukanesh, A. Santhana Vijayan** “A New Genetic Based Multilayered Fuzzy Image Filter for Removing Additive Identical Independent Distribution Impulse Noise from Medical Images”, International Journal of Computer Applications, Foundation of Computer Science, Vol 1, No 8, pp. 95-102, 2010.
7. **M. Surya Prabha and Dr. A. Padma,** “Segmentation of Video Object by Using Scale Invariant Feature Transform”, International Journal of Innovative Science, Engineering & Technology, Vol. 2 Issue 11, pp. 649-652, November 2015.
8. **N. Gomathi, Dr. A. Padma,** “Single Image Super Resolution Based on Gradient Profile Sharpness”, International Research Journal of Emerging Trends, Volume 1, Issue 9, pp. 21-24, November **2015**.