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### **PUBLICATION DETAILS**

1. Dr. K.B Jayanthi, S Sudha, C Rajasekaran, Nirmala Madian, T Sunder, “Convolutional Neural Network for Segmentation and Measurement of Intima Media Thickness”, Journal of medical systems, Springer US, Vol:42, Issue:8, pp.154, 2018.
2. Dr. K.B Jayanthi, Nirmala Madian, S Suresh, “Analysis of Human Chromosome Images: Application towards an Automated Chromosome Classification”, International Journal of Imaging Systems and Technology, Vol:28. Issue:4, pp. 235-245, 2018.
3. Dr. K.B Jayanthi, Lakshmipriya Balagourouchetty, Pragatheeswaran, Biju Pottakkat, Ramkumar Govindarajalou, “Enhancement Approach for Liver Lesion Diagnosis using Unenhanced CT Images”, IET Computer Vision, IET Digital Library, Vol:12. Issue:8, pp. 1078-1087, 2018.
4. Dr. K.B Jayanthi, K Sivasubramanian, “Voltage-Island Based Floorplanning in VLSI for Area Minimization using Meta-Heuristic Optimization Algorithm”, International Journal on. Applied Engineering Research, Vol:11, Issue:5, pp.3469-3477, 2016.
5. Dr. K.B Jayanthi, K Sivasubramanian, “Music-Inspired Harmony Search Algorithm for Fixed Outline Non-Slicing VLSI Floor-planning” World Academy of Science, Engineering and Technology, International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, Vol:9, Issue:6, pp.512-519, 2015.
6. Dr. K.B Jayanthi, M Karthikeyan, “Color and Edge Directive Descriptor Feature Extraction Technique for Content Based Image Retrieval System”, Middle-East Journal of Scientific Research, Vol:23. Issue:8, pp. 1590-1597, 2015.