

Annexure V

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List of Publications:

1. K. Divyadarshni & R. Vanithamani, "Segmentation of Mammographic Masses using Gray Level Thresholding", International Journal of Tomography and Simulation, Vol. 28, no. 1, 2015, pp.22-32.
2. K. Divyadarshini, R. Vanithamani and S. Sharmili, "Classification of Mammographic Masses Using Fuzzy Inference System", COMPUSOFT, An International Journal of Advanced Computer Technology, Volume-4, Issue-7 2015, pp. 2320-0790.
3. R. Vanithamani, R. Dhivya, "Tumor Detection in Breast Ultrasound images", I J C T A, International Journal of Control Theory and Applications, Vol.8 No.5, 2015.
4. Judith Justin, R. Vanithamani, R. Renee Christina, "Comparative Study of Retinal Vessel Segmentation Methods", in the proc. of 2015 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), December- 2015.
5. R. Vanithamani, Dhiya, R. S. Sharmili, "A novel hybrid technique for visual enhancement of medical ultrasound images", in the proc. of 2015 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), December- 2015.
6. K. V. Archana, Dr. R. Vanithamani, "Review on Intravascular Ultrasound (IVUS) Image Detection", Advanced Research in Science, Engineering and Technology, Vol. 4, Issue 7, July 2017
7. A. Mahalakshmi, R. Vanithamani, "Patient Information System using LabVIEW", in the proc. of National Conference on Recent Innovations in Healthcare Technologies, 2017.
8. R. Vanithamani, R. Bhuvaneswari Priyai, R. Gowri, R. Padmini Priyadarshini, G. Rajeshwary, "3D Modelling of Electronic Nose", in the proc. of National Conference on Recent Innovations in Healthcare Technologies, 2017.
9. C. Suresh, H. Nagabhushana, R. B. Basavaraj, G. P. Darshan, B. Daruka Prasad D. Kavyashree, S. C. Sharma, R. Vanithamani, "SiO₂@LaOF:Eu³⁺ core-shell functional nanomaterials for sensitive visualization of latent fingerprints, and WLED applications", Journal of colloid and Interface Science, Vol.518, pp.200-215, 2018.
10. K. V. Archana, Dr. R. Vanithamani, "Diagnosis of Coronary Artery Diseases and Carotid Atherosclerosis using Intravascular ultrasound Images", in the proc. of SLAAI International Conference on Artificial Intelligence, December 2018.

11. AH Priya, R Vanithamani, "Atherosclerotic Plaque Detection Using Intravascular Ultrasound (IVUS) Images", International Conference on ISMAC in Computational Vision and Bio-Engineering,2018,pp 1417-1425
12. KV Archana, R Vanithamani, "Diagnosis of Coronary Artery Diseases and Carotid Atherosclerosis Using Intravascular Ultrasound Images", International Conference of the Sri Lanka Association for Artificial Intelligence,2018, pp 281-288
13. D Pavithra, PRR Chandni, D Padmini, SV Priya, R Vanithamani, "Cardiac Tele-care"SCOPUS IJPHRD CITATION SCORE 10 (7), 1326,2019
14. S Pavithra, R Vanithamani, J Justin, "Computer aided breast cancer detection using ultrasound images",Materials Today: Proceedings,2020.
15. S Saravanan, B Heshma, AVA Shanofer, R Vanithamani, "Skin cancer detection using dermoscope images",Materials Today: Proceedings,2020