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List of last 5years publication:

JOURNAL PUBLICATIONS

- [1] [Pavithra S.](#), [Vanithamani R.](#), [Justin J.](#) Computer aided breast cancer detection using ultrasound images. Materials Today: Proceedings- Elsevier. Article in press. 2020.
- [2] Shilpa Saravanan, B Heshma, AV Ashma Shanofer, **R Vanithamani**. Skin cancer detection using dermoscope images. Materials Today: Proceedings- Elsevier. Article in press. 2020.
- [3] D.Pavithra, P.Chandni, Raja Rajeswari, D.Padmini, Priya, S.Vishnu, **Vanithamani. R.** Cardiac Tele-care. Indian Journal of Public Health Research & Development. Vol. 10, 1326-1328. 2019.
- [4] 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 Elsevier. Vol.518, pp.200-215. 2018.
- [5] K.V.Archana, **Dr.R.Vanithamani**. Review on Intravascular Ultrasound (IVUS) Image Detection. Advanced Research in Science, Engineering and Technology. Vol. 4, Issue 7. 2017.
- [6] K.Divyadarshini, **R.Vanithamani**. [Segmentation of Mammographic Masses using Gray Level Thresholding](#). International Journal of Tomography and Simulation. Vol.28, Issue 1, pp. 65. 2015.
- [7] **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.
- [8] 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, pp. 2320-0790. 2015.

CONFERENCES, SEMINARS AND SYMPOSIUMS

- [1] Aneesha Rappai, Vaishnavi.R, **Vanithamani.R**, Ubiquitous Monitoring and tracking System by utilizing Wireless Communication, National Conference on Recent Innovations in Healthcare Technologies (*NCRIHT'17*) April 10, 2017, pp.76-78. ISBN No. 978-93-80-769-90-5.
- [2] Hari Priya. A, **Vanithamani. R** , Nurse Alert System through Android Proceedings of National Seminar on Innovations in Biomedical Devices *NSIBD'17*, pp. 39-43. ISBN No. 978-93-84-234-44.
- [3] R. Renee Christina, R. Vanithamani & R.Dhivya, Dental caries Detection using NIR Imaging Techniques, IET Digital Library, pp.1-4, 2016. ISBN No. 978-1-78561-786-7.

[4] Judith Justin, **R.Vanithamani**, R.Renee Christina, Comparative Study of Retinal Vessel Segmentation Methods, [2015 IEEE International Conference on Computational Intelligence and Computing Research \(ICCIC\)](#), December, 2015. pp.67-69. ISBN No. 978-1-4799-7849-6.

[5] **R. Vanithamani**, R. Dhivya, S. Sharmili, A novel hybrid technique for visual enhancement of medical ultrasound images, [2015 IEEE International Conference on Computational Intelligence and Computing Research \(ICCIC\)](#), December, 2015, pp.- 43-46. ISBN No. 978-1-4799-7849-6.

[6] R Sudarmani, **R Vanithamani**, Minimum spanning tree for clustered heterogeneous sensor networks with mobile sink, IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), December, 2015, pp. 24 – 29. ISBN No. 978-1-4799-7849-6.