

Members from other University

DC member-3

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Publications:

1. Chitradevi, D., S. Prabha, and Alex Daniel Prabhu. "Diagnosis of Alzheimer disease in MR brain images using optimization techniques." *Neural Computing and Applications*, Springer, pp. 1-15, May 2020, <https://doi.org/10.1007/s00521-020-04984-7> (I.F – 4.774)
2. Chitradevi, D., and S. Prabha. "Analysis of brain sub regions using optimization techniques and deep learning method in Alzheimer disease." *Applied Soft Computing*, Vol. 86, pp. 105857, 2020 (I.F – 5.472)
3. Prabha S. Thermal Imaging Techniques for Breast Screening-A Survey. *Current Medical Imaging*. Vol. 16, pp. 855-62, Jan 2020(I.F – 0.812)
4. Prabha S, Sujatha CM. Proposal of Index to Estimate Breast Similarities in Thermograms using Fuzzy C Means and Anisotropic diffusion Filter based Fuzzy C Means Clustering, *Infrared Physics and Technology*, Elsevier, 93, pp. 316-325, 2018 (I.F – 2.379)
5. Prabha S, Suganthi SS, SujathaCM. An Approach to Analyze the Breast Tissues in Infrared Images Using Nonlinear Adaptive Level sets and Riesz Transform Features, *Technology and Health Care*, IOS Press, 23(4), pp.429-442, 2015.
6. Prabha S, Suganthi SS, Sujatha CM. Differentiation of Breast Abnormalities in Infrared Images using Riesz and Quaternion Hilbert Transform based Features, *International Journal of Biomedical Engineering and Technology*, Inderscience Publisher, 19(3), pp. 255-265, 2015.
7. PrabhaS, Sujatha CM, Ramakrishnan S. Robust Anisotropic Diffusion Based Edge Enhancement for Level Set Segmentation and Asymmetry Analysis of Breast

Thermograms using Zernike Moments, *Journal of Biomedical Science Instrumentation*, 51, pp. 341-348, 2015.