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Last five years publications:

1) Ananthi, V.P., 2020. Fused Segmentation Algorithm for the Detection of Nutrient Deficiency in Crops Using SAR Images. In: Hemanth D. (eds) Artificial Intelligence Techniques for Satellite Image Analysis. Remote Sensing and Digital Image Processing, vol 24. Springer, Cham. [https://doi.org/10.1007/978-3-030-24178-0\\_7](https://doi.org/10.1007/978-3-030-24178-0_7)

2) Ananthi, V.P., Balasubramaniam, P. and Raveendran, P., 2018. A thresholding method based on interval-valued intuitionistic fuzzy sets: an application to image segmentation. *Pattern Analysis and Applications*, 21(4), pp.1039-1051.

3) Ananthi, V.P., Balasubramaniam, P. and Raveendran, P., 2017. Impulse noise detection technique based on fuzzy set. *IET Signal Processing*, 12(1), pp.12-21.

4) Ananthi, V.P. and Balasubramaniam, P., 2016. A new thresholding technique based on fuzzy set as an application to leukocyte nucleus segmentation. *Computer methods and programs in biomedicine*, 134, pp.165-177.

5) Balasubramaniam, P. and Ananthi, V.P., 2016. Segmentation of nutrient deficiency in incomplete crop images using intuitionistic fuzzy C-means clustering algorithm. *Nonlinear Dynamics*, 83(1-2), pp.849-866.