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INTERNATIONAL JOURNALS

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2. S. Akila Agnes, **J. Anitha**, S. Immanuel Alex Pandian, J. Dinesh Peter, "Classification of Mammogram Images Using Multiscale all Convolutional Neural Network (MA-CNN)" Journal of Medical Systems, 2020. (Springer) [**IF-3.058**]
3. Akila Agnes, S., **Anitha, J.**, Appraisal of deep-learning techniques on computer-aided lung cancer diagnosis with computed tomography screening, Journal of Medical Physics, 2020, 45(2), pp. 98-106.
4. Agnes, S.A., **Anitha, J.**, “3D lung segmentation on CT images using region-based method”, International Journal of Advanced Trends in Computer Science and Engineering, 2019.
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6. **J. Anitha**, J. Dinesh Peter, S. Immanuel Alex Pandian, “A Dual Stage Adaptive Thresholding (DuSAT) for Automatic Mass Detection in Mammograms”, Computer Methods and Programs in Biomedicine, Vol. 138, pp. 93–104, January 2017. SJR-0.639 SNIP-1.492 (Elsevier) [**IF-2.503**]
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10. **J. Anitha**, J. Dinesh Peter, “A Multiresolution Ripplet Transform for Breast Cancer Diagnosis in Digital Mammograms”, Recent Patents on Computer Science, Vol. 9, Issue. 3, pp. 195 - 202, 2016. SJR-0.128, SNIP-0.171 (Bentham Science)

11. **J. Anitha**, J. Dinesh Peter, "Mass Segmentation in Mammograms using a Kernel based Fuzzy Level (KFLS) Method", International Journal of Biomedical Engineering and Technology, 19(2), pp. 133-153, 2015. (CI-1) SJR-0.288, SNIP-0.425 (Inderscience)
12. S. Immanuel Alex Pandian, G. Josemin Bala, **J. Anitha**, "An Efficient Diamond Based X-Pattern Motion Estimation for Video Coding", International Journal of Imaging and Robotics, Vol. 9, Issue 1, pp. 116-128, 2013. SJR-0.313, SNIP-0.839 (Ceser)
13. Sherlin Suresh, **J. Anitha**, "Multilevel Thresholding for Color Image Segmentation using Optimization Algorithm", International Journal of Scientific & Engineering Research Volume 8, Issue 7, July-2017, pp. 479-489, ISSN: 2229-5518.

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2. Akila Agnes, S., **Anitha, J.**, "Automatic 2D Lung Nodule Patch Classification using Deep Neural Networks", Proceedings of the 4th International Conference on Inventive Systems and Control, ICISC 2020, 2020, pp. 500-504.
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6. Immanuel Alex Pandian, S., **Anitha, J.**, "An Efficient Predictive and Intelligent based Motion Estimation in Video Coding", 2nd International Conference on Signal Processing and Communication, ICSPC 2019, Coimbatore.
7. Fiona, J.R., **Anitha, J.**, "Automated Detection of Plant diseases and Crop Analysis in Agriculture using Image Processing Techniques: A Survey", Proceedings of 2019 3rd IEEE International Conference on Electrical, Computer and Communication Technologies, ICECCT 2019, Coimbatore.
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2. Sherlin Suresh, **J. Anitha**, “Multilevel Thresholding for Color Image Segmentation using Optimization Algorithm”, National Conference on Emerging Trends in Science, Engineering & Technology, Management and Application, 31-03-2017, Nehru Institute of Engineering & Technology, Coimbatore.