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### **Publications (*Last five years*)**

1. **Seenivasagam, V et.al., 2020.** “Automatic segmentation and classification of liver tumor from CT image using feature difference and SVM based classifier-soft computing technique”, *SoftComputing* (2020) <https://doi.org/10.1007/s00500-020-05094-1> (pp. 1-8).
2. **Seenivasagam, V et.al., 2020.** “Classification of lung cancer stages with machine learning over big data healthcare framework”, *Journal of Ambient Intelligence and Humanized Computing* <https://doi.org/10.1007/s12652-020-02071-2> , May 2020.
3. **Seenivasagam, V et.al., 2019.** “Hybrid two-dimensional dual tree—biorthogonal wavelet transform and discrete wavelet transform with fuzzy inference filter for robust remote sensing image compression”, *Cluster Computing* **volume 22**, 2019 <https://doi.org/10.1007/s10586-018-1982-9> (pp. 13473 - 13486).
4. **Seenivasagam, V et.al., 2018.** “Classification of Leaf Diseases in Apple using Support Vector Machine”, *International Journal of Advanced Research in Computer Science* Volume 9, No. 1, January-February 2018 (pp. 261 – 265).
5. **Seenivasagam, V et.al., 2017.** “Dual-tree complex wavelet with modified SPIHT algorithm for video compression”, *Int. J. Biomedical Engineering and Technology*, Vol. 25, Nos. 2/3/4, 2017 (pp. 151-166).
6. **Seenivasagam, V et.al., 2016.”** Comparative Study on Various Authentication Protocols in Wireless Sensor Networks”, Hindawi Publishing Corporation, The Scientific World Journal Volume 2016, Article ID 6854303, 16 pages <http://dx.doi.org/10.1155/2016/> (pp. 1-16).
7. **Seenivasagam, V et.al., 2016.** “Robot Repair Algorithm for Automatic Hole Detection and coverage in Wireless Sensor Networks”, *Asian Journal of Information Technology* 15(11) 2016 ISSN 1682-3915 (pp. 1655-1662).
8. **Seenivasagam, V et.al., 2016.** “Color Image Segmentation Using Feed forward Neural Networks with FCM”, *International Journal of Automation and Computing* DOI: 10.1007/s11633-016-0975-5 Institute of Automation, Chinese Academy of Sciences and Springer-Verlag Berlin Heidelberg 2016 (pp. 1-10).
9. **Seenivasagam, V et.al., 2016.** “Myocardial Infarction Detection Using Intelligent Algorithms”, *Neural Network World* 1/2016 (pp. 91-110).

10. **Seenivasagam, V et.al., 2016.** “Remote Sensing Image Compression using Two Dimensional Dual Tree complex Wavelet Transform with Fuzzy Inference Filter”, I J C T A, 9(25), 2016 (pp. 647-660).
11. **Seenivasagam, V et.al., 2016.** “Enhancing security in secure resource sharing”, Int. J. Enterprise Network Management, Vol. 7, No. 4, 2016 (pp. 298-313).
12. **Seenivasagam, V et.al., 2016.** “Enhanced Biometric Authentication Using Multi Feature Signature Resemblance and Multi View Edge Sectional Similarity”, Asian Journal of Information Technology 15 (14): 2016 ISSN: 1682-3915 © Medwell Journals, 2016 (pp. 2542-2548).
13. **Seenivasagam, V et.al., 2016.** “Improved Network Lifetime and Hole Detection in Wireless Sensor Networks using Robot Repair Algorithm with Topology Control Fault Tolerance”, Rev. Téc. Ing. Univ. Zulia. Vol. 39, No. 10, 2016 (pp. 37 – 43).