

Publication Details

1. K. Ragavan, K. Venkatalakshmi, and K. Vijayalakshmi, "A Case Study of Key Frame Extraction in Video Processing", pices, vol. 4, no. 4, pp. 17-20, Aug. 2020.
2. Ezhilarasi, R., Venkatalakshmi, K. & Khanth, B.P. Enhanced approximate discrete cosine transforms for image compression and multimedia applications. *Multimed Tools Appl* 79, 8539–8552 (2020).
3. P. Seethalakshmi and K. Venkatalakshmi, "Prediction of Energy Demand in Smart Grid Using Deep Neural Networks with Optimizer Ensembles," 2020 Fourth International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, pp. 1-5,2020.
4. Balakrishnan Senthilnayaki, Krishnan Venkatalakshmi, Arputharaj Kannan,"Intrusion detection system using fuzzy rough set feature selection and modified KNN classifier",*The International Arab Journal of Information Technology*,Volume 16,Issue 4,Pages 746-753,2019.
5. D Palani, K Venkatalakshmi, AR Jabeen, VM Arun Bharath Ram,"Effective Detection of Diabetic Retinopathy From Human Retinal Fundus Images Using Modified FCM and IWPSO",2019 IEEE International Conference on System, Computation, Automation and Networking (ICSCAN),Pages 1-5,2019.
6. Jothi JK Kalpana, K Venkatalakshmi,"Medical Image Pattern Matching Process Using Expectation Maximization with Fuzzy Rules",*Journal of Medical Imaging and Health Informatics*,Volume 9,Issue 3,Pages 495-501,2019.
7. D Palani, K Venkatalakshmi ,"An IoT based predictive modelling for predicting lung cancer using fuzzy cluster based segmentation and classification",*Journal of medical systems*,Volume 43,Issue 2,Pages 21,2019.
8. K Senthil Kumar, K Venkatalakshmi, K Karthikeyan,"Lung cancer detection using image segmentation by means of various evolutionary algorithms",*Computational and mathematical methods in medicine*,2019.
9. R Ezhilarasi, K Venkatalakshmi,"Low Complexity Orthogonal Transforms for Low Cost Image/Video Codec Design",*Journal of Computational and Theoretical Nanoscience*,Volume 15,Issue 3,Pages 859-865,2018.
10. K Senthil Kumar, K Venkatalakshmi, K Karthikeyan, A Jasiya Jabeen,"Analysis of diverse optimisation algorithms in breast cancer detection",*International Journal of Image Mining*,Volume 3, Issue 1,Pages 4-21,2018.
11. G Nivetha, K Venkatalakshmi,"Hybrid outlier detection (HOD) method in sensor data for human activity classification",*Intelligent Data Analysis*,Volume 22,Issue 2,Pages 245-260,2018.
12. K Senthil Kumar, V Nirmala, K Venkatalakshmi, K Karthikeyan,"Analysis of Optimization Algorithms on Follicles Segmentation to Support Polycystic Ovarian Syndrome Detection",*Journal of Computational and Theoretical Nanoscience*,Volume 15,Issue 1,Pages 380-391,2018.
13. K Senthil Kumar, K Venkatalakshmi, K Karthikeyan, P Lakshmi, S Mahalakshmi,"A Novel Optimization Algorithm Based Determination and Investigation of Alzheimer Disease from MRI Brain Image",*Journal of Computational and Theoretical Nanoscience*,Volume 14,Issue 11,Pages 5632-5644,2017.
14. P Dharanyadevi, K Venkatalakshmi,"Proficient selection of gateway and base station by adroit algorithm in cloud-VMesh network",*International Journal of Communication Systems*,Volume 30,Issue 6,Pages e3124,2017.
15. K Senthil Kumar, K Venkatalakshmi, K Karthikeyan, A Jasiya Jabeen,"Experimental Study of Optimization Algorithms for Breast Cancer Recognition by Means of Ultrasound Images",*Book-Proceedings of the International Conference on Informatics and Analytics*,Pages 1-8,2016.
16. S Janardhanam, K Venkatalakshmi,"Optimized color image watermarking using improved firefly algorithm",*Book:Proceedings of the International Conference on Informatics and Analytics*,Pages 1-8, 2016.

17. K Senthil Kumar, K Venkatalakshmi, K Karthikeyan, "Performance investigation of assorted filters in medical image preprocessing for denoising using various noises", Journal of Advances in Natural and Applied Sciences, Volume 10, Issue 11, Pages 130-140, 2016.
18. P Dharanyadevi, T Divyasree, SP Sharmila, K Venkatalakshmi, "Technical Note on Secure Service Access in VANET using PBKDF Algorithm.", International Journal of Vehicle Structures & Systems (IJVSS), Volume 8, Issue 2, 2016.
19. Balakrishnan Senthilnayagi, K Venkatalakshmi, Arputharaj Kannan, "An ontology based framework for intelligent web based e-learning", International Journal of Intelligent Information Technologies (IJIIT), Volume 11, Issue 2, Pages 23-39, 2015.
20. B Senthilnayagi, K Venkatalakshmi, A Kannan, "Intrusion detection using optimal genetic feature selection and SVM based classifier", 2015 3rd International Conference on Signal Processing, Communication and Networking (ICSCN), Pages 1-4, 2015.
21. B Senthilnayagi, M Chandralekha, K Venkatalakshmi, "Survey of data mining technique used for intrusion detection", International Journal of Technology, Volume 7, Issue 2, Pages 166-171, 2015.
22. P Dharanyadevi, K Venkatalakshmi, "Reliable and scalable routing protocol (RSRP) for multimedia data transmission in vehicular mesh milieu", International Journal of Applied Engineering Research, Volume 9, Pages 19935-19946, 2015.
23. P Dharanyadevi, K Venkatalakshmi, "Potent gateway selection algorithm for integrated 3G-VMesh milieu", World Applied Sciences Journal, Volume 33, Pages 1228-1233, 2015.