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Publications in Last Five Years

- 1. D Anitha, M Suganthi, S Gnanendra, M Govarthanan, Identification of Potential Carbonic Anhydrase Inhibitors for Glaucoma Treatment Through an In-Silico Approach, International Journal of Peptide Research and Therapeutics, pp.1-8, 2020.
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- 3. V Karunakaran, M Suganthi, V Rajasekar, Feature selection and instance selection using cuttlefish optimisation algorithm through tabu search, International Journal of Enterprise Network Management, 11(1), 32-64, 2020.
- 4. A Immanuvel, M Suganthi, Performance Analysis of Low Power Channel Estimator for Multi User MIMO-OFDM System, Wireless Personal Communications, 107(1), 341-350, 2020.
- 5. S Meenakshi, M Suganthi, P Sureshkumar, Segmentation and boundary detection of fetal kidney images in second and third trimesters using kernel-based fuzzy clustering, Journal of medical systems, 43(7), 203, 2019.
- 6. P Deepa, M Suganthi, A fuzzy shape representation of a segmented vessel tree and kernel-induced random forest classifier for the efficient prediction of lung cancer, The Journal of Supercomputing, pp. 1-24, 2019.
- 7. S Meenakshi, M Suganthi, P Suresh Kumar, An approach for automatic detection of fetal gestational age at the third trimester using kidney length and biparietal diameter, Soft Computing, 23(8), 2839-2848, 2019.
- 8. P Rupa Ezhil Arasi, M Suganthi, A clinical support system for brain tumor classification using soft computing techniques, Journal of medical systems 43(5), 144, 2019.
- 9. MN Sudha, S Selvarajan, Muthusamy Suganthi, Feature selection using improved lion optimisation algorithm for breast cancer classification, International Journal of Bio-Inspired Computation, 14(4), 237-246, 2019.
- 10. V Karunakaran, S Iwin Joseph, Ravi Teja, M Suganthi, V Rajasekar, A wrapper based feature selection approach using bees algorithm for extreme rainfall prediction via weather pattern recognition through svm classifier, International Journal of Civil Engineering and Technology (IJCIET), 10(1), 2019.

- 11. M. Suganthi and V. Karunakaran, Instance selection and feature extraction using cuttlefish optimization algorithm and principal component analysis using decision tree, Cluster Computing, Springer, 1(1), 1-13, 2017.
- 12. P Elayaraja, M Suganthi, Automatic approach for cervical cancer detection and segmentation using neural network classifier, Asian Pacific Journal of Cancer Prevention: APJCP, 19(12), 3571, 2018.
- 13. C Selvi, M Suganthi, A novel enhanced gray scale adaptive method for prediction of breast cancer, Journal of medical systems, 42(11), 221, 2018.
- 14. S Kumarganesh, M Suganthi, An enhanced medical diagnosis sustainable system for brain tumor detection and segmentation using ANFIS classifier, Current Medical Imaging, 14(2), 271-279, 2018.
- 15. Muthusamy Suganthi and Gengavel Gowrison Subramaniam Bharathi, Modified weighted code with bit invert approach to minimize crosstalk in network on chip links, Cluster Computing, Springer, 1(1), 1-11, 2017.
- 16. Suganthi Muthusamy and Gowrison Gengavel Kaliram Perumal, Robust multitier spatial domain secured color image steganography in server environment, Cluster Computing, Springer, 1(1), 1-9, 2017.
- 17. M Suganthi, A Study on Pyschological Wellbeing of Juvenile Delinquents, Asian Journal of Research in Social Sciences and Humanities, 7(1), 1161-1169, 2017.
- 18. S Senthilrani, M Suganthi, Estimation of Short Circuit Power Dissipation in CMOS Inverter, International Journal on Recent Technologies in Mechanical and Electrical Engineering, 3(5), 05-07, 2016.
- 19. V Ponniyinselvan, N Satish, M Suganthi, A Hybrid Optimization Algorithm (HOA) for Routing in Wireless Multihop Network, Asian Journal of Research in Social Sciences and Humanities, 6(9), 1224-1238, 2016.
- 20. Suresh P Kumar, S Meenakshi, M Suganthi, Early Detection of Congenital Heart Defects from Fetal Abdominal Electrocardiograph Signals using Adaptive Filtering, Asian Journal of Research in Social Sciences and Humanities, 6(4), 743-750, 2016.
- 21. S Senthilrani, M Suganthi, Investigation of Self Heating Effects Domination on Power Device Reliability, Journal of Nanoelectronics and Optoelectronics, 10(2), 200-204, 2015.
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