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List of Publications:

1. S. David ., P. T. Vanathi ., "Middle-Order Vehicle-Based Clustering Model for Reducing Packet Loss in Vehicular Ad-hoc Networks", Journal of Circuits, Systems and Computers, 2020.

2. V Gnanaprakash ., G Suresh ., P T Vanathi ., "Fault identification in woven fabric using Back propagation neural network", Proceedings of the 2019 International Conference on Advances in Computing and Communication Engineering, ICACCE 2019.

3. Anjeleena Erm ., Nidhi Toppo ., D. Sugumar ., P.T. Vanathi ., "Design of All-Digital Phase Locked Loop for Improved Frequency Lock Range",r 2nd International Conference on Signal Processing and Communication, ICSPC 2019 - Proceedings, 2019, Pages 218-221.

4. K. GopalaKrishnan ., P. T. Vanathi ., K. S. Saghana ., "Development of feature descriptor for texture classification", Proceedings of the International Conference on Trends in Electronics and Informatics, ICOEI 2019, Volume 2019-April, 2019, Pages 1116-1121.

5. Sugumar, D.;Harshavarthan, V.;Kavisri, S.;Aezhisai Vallavi, M. S.;Vanathi, P. T., "Citrus classification and grading using machine learning algorithms", International Journal of Innovative Technology and Exploring Engineering, Volume 8, Year 2019, Pages 2616-2621.

6. Geetha, N.;Vanathi, P. T., "Knowledge transfer for efficient cross domain ranking using AdaRank algorithm", International Journal of Business Intelligence and Data Mining, Volume 14, Year 2019, Pages 89-105

7. Anitha, P.;Ramanathan, P.;Vanathi, P. T., "Modified low-power built-in self-test for image processing application", Lecture Notes in Computational Vision and Biomechanics, Volume 31, Year 2019, Pages 199-206

8. Gopala Krishnan, K.;Vanathi, P. T., "An efficient texture classification algorithm using integrated Discrete Wavelet Transform and local binary pattern features", Article Cognitive Systems Research, Volume 52, Year 2018, Pages 267-274

9. Vanathi, P.;Ambika, N.;Sivaranjani, E.;Suruthipriyanga, R.;Sailaja, L., "Android application for complaining against the social issues", 2017 International Conference on Algorithms,

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10. Amsaveni, A.;Vanathi, P. T., "Reversible data hiding based on radon and integer lifting wavelet transform", Informacije MIDEM, Volume 47, Year 2017, Pages 91-99.

11. Sugumar, D.;Vanathi, P. T., "Separation of maternal and fetal ECG signals using improved independent vector analysis",e Journal of Medical Imaging and Health Informatics, Volume 6, Year 2016, Pages 2048-2056

12. Preethi, C. M.;Vanathi, P. T., "Attribute selection using binary flower pollination algorithm with greedy crossover and 'one to all' initialization", Electronics Letters, Volume 52, Year 2016, Pages 1757-1759

13. Krishnan, K. Gopala;Vanathi, P. T.;Abinaya, R., "Performance analysis of texture classification techniques using shearlet transform", Proceedings of the 2016 IEEE International Conference on Wireless Communications, Signal Processing and Networking, WiSPNET 2016, Year 2016, Pages 1408-1412

14. Fera, M. Arun;Vanathi, P.;Sarumathi, M.;Ashabanu, I.;Umayal, V , "A novel agent based match making algorithm in multi-tenant architecture",r ICoAC 2015 - 7th International Conference on Advanced Computing, Year 2016

15. Gopala Krishnan, K.;Vanathi, P. T.;Abinaya, R., "Texture classification using shearlet transform energy features", Communications in Computer and Information Science, Volume 679, Year 2016, Pages 3-13.

16. Amsaveni, A.;Vanathi, P. T. , "An efficient reversible data hiding approach for colour images based on Gaussian weighted prediction error expansion and genetic algorithm" , International Journal of Advanced Intelligence Paradigms, Volume 7, Year 2015, Pages 156-171

17. Amsaveni, A.;Vanathi, P. T., "A comprehensive study on image steganography and steganalysis techniques", International Journal of Information and Communication Technology, Volume 7, Year 2015, Pages 406-424

18. Gopala Krishnan, K.;Vanathi, P. T.;Shanmuga Priya, P., "Texture classification using multiresolution transforms",e ARPN Journal of Engineering and Applied Sciences, Volume 10, Year 2015, Pages 5060-5064

19. Latha, R.;Vanathi, P. T., "Design of digital filters for multi-standard transceivers", International Journal on Electrical Engineering and Informatics, Volume 7, Year 2015, Pages 517-530

20. Ramanathan, P.;Vanathi, P. T., "High performance parallel prefix adder for wider word lengths", Global Journal of Pure and Applied Mathematics, Volume 11, Year 2015, Pages 733-744