

DR. P. MANIMEGALAI

LIST OF PUBLICATIONS

1. S Manimurugan, P Manimegalai, Prajoona Valsalan, J Krishnadas, C Narmatha ,” Intrusion detection in cloud environment using hybrid genetic algorithm and back propagation neural network”, International Journal Of Communication Systems, 2020
2. C Narmatha, M Sivaram, P Manimegalai, Ravi Samikannu, Pallavi Murghai Goel, Juveriya Khan,” Improved ML Models on Feature Extraction in HSI”, 2020 International Conference on Computing and Information Technology (ICCIT-1441), pp. 1-4, 2020
3. R Suresh Kumar, P Manimegalai,” Implementation of Neural Network with ALE for the Removal of Artifacts in EEG Signals”, Current Signal Transduction Therapy, Vol. 15, Issue 1, pp. 77-83, 2020
4. N Ramalakshmi, SR Chitra, P Manimegalai, S Arunkumar,” Design, Synthesis, Docking and Biological Evaluation of Novel 4-hydroxy Coumarin Derivatives.”, Current Computer-aided Drug Design, 2020
5. Kanthalakshmi.S Hamsavarthini.Y,” A Comprehensive Review on DNA Gyrase Inhibitors.”, International Journal Of Scientific & Technology Research, Vol.9 , Issue 1, pp. 1324-1331, 2020
6. N Jeyakkannan, P Manimegalai, GKD Prasanna Venkatesan,” Systematic CO₂ monitoring using machine learning enabled WSN to develop the anti-hazard strategies for the future”, International Journal of Biomedical Engineering and Technology, Vol.34, Issue 1, pp. 31-44, 2020
7. S.Bhavani M.Lakshmi , P.Manimegalai, " Non-invasive haemoglobin measurement among pregnant women using photoplethysmography and machine learning," Journal of Physics: Conference Series, Vol.1432, Issue 1432, pp. 1-6, 2020
8. P. Manimegalai R. Suresh Kumar,” Near lossless image compression using parallel fractal texture identification”, Biomedical Signal Processing and Control, Vol. 58, Issue 58, pp. 1-9, 2020
9. S Sathish Kumar, P Manimegalai, S Karthik,” A rough set calibration scheme for energy effective routing protocol in mobile ad hoc networks”, Cluster Computing, Vol.22, Issue 6, pp. 13957-13963, 2019
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11. M Lakshmi, S Bhavani, P Manimegalai,” Investigation of Non-invasive Hemoglobin Estimation Using Photoplethysmograph Signal and Machine Learning”, International Conference On Computational Vision and Bio Inspired Computing, pp. 1273-1282, 2019
12. N. Raja Lakshmi P. Manimegalai, S. Soundarya, J. R. Aswath, M. Sowmiya,” Automated Detection of Diabetic Retinopathy for Early Diagnosis using Exudate Images”, International Journal of Engineering and Advanced Technology (IJEAT), Vol.8, Issue-6S3, pp. 1572-1576, 2019
13. P. Manimegalai N. Rajalakshmi, Ramsankar. M. P,” An Efficient Dorsal Hand Vein Recognition Security System using Arduino and GSM Technology”, International

- Journal of Engineering and Advanced Technology (IJEAT), Vol. 8, Issue-6S3, pp. 1577-1581, 2019
14. V Brindha, T Karthikeyan, P Manimegalai," Fuzzy enhanced secure multicast routing for improving authentication in MANET", Cluster Computing, Vol.22, Issue 4, pp. 9615-9623, 2019
 15. Vijayalakshmi Yellepeddi, P Manimegalai, Sasidhar Babu Suvanam, " Accurate Approach Towards Efficiency of Searching Agents in Digital Libraries Using Keywords," Journal of Medical Systems, Vol.43, Issue 6, pp. 164, 2019
 16. P. Manimegalai M. Lakshmi," Non-invasive Estimation of Haemoglobin Level Using PCA and Artificial NeuralNetworks", The Open Biomedical Engineering Journal, Vol. 13, Issue 13, pp. 114-119, 2019
 17. Manimegalai P and Manimurugan S Narmatha C," A Grayscale Image Hiding Encode Scheme for Secure Transmission", Current Signal Transduction Therapy, Vol.14, Issue 2, pp. 146-152, 2019
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