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1. **GR Suresh**, A Selvarani,"Preclinical Diagnosis of Diabetes with Tongue Infrared Thermography and PSO Algorithm",Medico Legal Update 20 (1), 191-197(2020).
2. **GR Suresh**, A Selvarani,"Decision Support System for Diabetes using Tongue Images",,"International Conference on Communication and Signal Processing" (ICCSP ...)2020.
3. **GR Suresh**,TR Kumar, SK Subaraja, C Karthikeyan,"Taylor-AMS features and deep convolutional neural network for converting non audible murmur to normal speech",,"Computational Intelligence" 36 (3), 940-963 (2020).
4. **GR Suresh**, CTA Wise, M Palanivelen, S Saraswathi,"Design of Pentacene based Organic Field Effect Transistor for low-frequency Operational Transconductance Amplifier",,"Journal of Circuits, Systems and Computers 29 (11)",2020.
5. **GR Suresh**,S Saraswathi, J Katiravan,"False alarm detection using dynamic threshold in medical wireless sensor networks",,"Wireless Networks", 1-13 (2019).
6. **GR Suresh**,K Kalaiselvi,V Ravi,"An efficient approach for the detection of link failures in WBAN system for health care applications",,"International Journal of Communication Systems ",32 (15), 2019.
7. **GR Suresh**,P Malathi,M Moorthi, NR Shanker,"Speech Enhancement via Smart Larynx of Variable Frequency for Laryngectomee Patient for Tamil Language Syllables Using RADWT Algorithm",,"Circuits, Systems, and Signal Processing ",38 (9), 4202-4228.
8. **GR Suresh**,K Kalaiselvi, V Ravi,"Genetic algorithm based sensor node classifications in wireless body area networks", (WBAN) "Cluster Computing" 22 (5), 12849-12855,2019.

9. **GR Suresh**,CTA Wise, M Palanivelan, S Vani,"An Organic push pull amplifier using Pentacene Thin Film for Bio-Sensing Applications," Caribbean Journal of Science 53 (2), 1473 - 1484,2019.
10. **GR Suresh**,S Vani, T Balakumaran, CT Ashawise,"EEG Signal Analysis for Automated Epilepsy Seizure Detection Using Wavelet Transform and Artificial Neural Network", Journal of Medical Imaging and Health Informatics 9 (6), 1301-1306,2019.
11. **GR Suresh**,T.Rajesh Kumar,"Conversion of Non-Audible Murmur to Normal Speech Based on FR-GMM using Non-Parallel Training Adaptation Method SKS" 1201-1204-1207,2019.
12. **GR Suresh**,T.Rajesh Kumar, G.R.Suresh ,"International Conference on Intelligent Sustainable Systems (ICISS)", "Infrared thermal imaging for diabetes detection and measurement XJournal of Medical Systems "43 (2), 23,2019.
13. **GR Suresh**,P Malathi, M Moorthi,"Enhancement of electrolaryngeal speech using Frequency Auditory Masking and GMM based voice conversion", Fourth International Conference on Advances in Electrical, Electronics... 1402-1404,2018.
14. **GR Suresh**,V Shruthi, R Senthamizhselvi,"Speech Intelligibility Prediction and Near End Listening Enhacement For Mobile Application",International Journal of Advance Research in Science and Engineering 42(1)2018.
15. **GR Suresh**,K Kalaiselvi,V Ravi," Efficient Shortest Path Approach Using Cluster Based Warhall's Algorithm In Wireless Body Sensor Networks", International Research Journal of Engineering and Technology 5 (6), 255 -258,2018.
16. **GR Suresh**,TR Kumar, S Raja," Conversion of Non-Audible Murmur to Normal Speech Based on Full-Rank Gaussian Mixture Model", Journal of Computational and Theoretical Nano science 15 (1), 185-190,2018.
17. **GR Suresh**,RS Selvi, S Raja,"A New Hybridized Speech Enhancement Technique for Stationary and Non-Stationary Noisy Environments", Journal of Computational and Theoretical Nanoscience 14 (12), 5934-5941,2017.

18. **GR Suresh**,RR Dharshini, RS Selvi, SKS Raja,” Enhancement of Speech Intelligibility and quality in hearing aid using Fast Adaptive Kalman Filter Algorithm”,5th International Conference on Recent Developments in Engineering Science, 2017.
19. **GR Suresh**,RS Selvi, R Kishore, SKS Raja,” Embedding data in audio signals using HSA-EMD algorithm”, Third International Conference on Science Technology Engineering,1502-1506, 2017.
20. **GR Suresh**,L Vanitha, GR Suresh, M Chandrasekar, P Punita,” Development of four stress levels in group stroop colour word test using HRV analysis”,Biomedical Research 12(2),2017.
21. **GR Suresh**,S Vani,T Balakumaran,” Automatic Recognition of Epilepsy Seizure by Using Lifting Based Wavelet Transform and Artificial Neural Network”,International Journal of Printing, Packaging & Allied Sciences, 4 (6), 4420 4428,(2016).
22. **GR Suresh**,AT Wakankar, S Lalithakumari,”Hotspot Detection in Infrared Breast Thermograms for Disease Identification manager's”, Journal on Pattern Recognition 3 (4), 1,2016.
23. **GR Suresh**,R Preetha, R Bhanumathi,”Immune feature weighted least-squares support vector machine for brain tumor detection using MR images”, IETE Journal of Research 62 (6), 873-884,2016.