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Medical Image processing
Speech Processing
Signal Processing

	All	Since 2015
Citations	862	552
h-index	14	13
i10-index	16	15

TITLE	CITED BY	YEAR
Decision Support System for Diabetes using Tongue Images A Selvarani, GR Suresh 2020 International Conference on Communication and Signal Processing (ICCSP ...		2020
Preclinical Diagnosis of Diabetes with Tongue Infrared Thermography and PSO Algorithm A Selvarani, GR Suresh Medico Legal Update 20 (1), 191-197		2020
Taylor-AMS features and deep convolutional neural network for converting nonaudible murmur to normal speech TR Kumar, GR Suresh, SK Subaraja, C Karthikeyan Computational Intelligence 36 (3), 940-963	3	2020
Design of Nano Sensor for Soil Nutrient Testing in Precision Agriculture P Swetha, A Vanitha, GR Suresh, N Vigneshwaran, B Ranganathan International Conference on Advances in Chemistry with Specific Reference to ...		2020
Design of Pentacene based Organic Field Effect Transistor for low-frequency Operational Transconductance Amplifier CTA Wise, GR Suresh, M Palanivelan, S Saraswathi Journal of Circuits, Systems and Computers 29 (11)		2020
False alarm detection using dynamic threshold in medical wireless sensor networks S Saraswathi, GR Suresh, J Katiravan Wireless Networks, 1-13	1	2019
An efficient approach for the detection of link failures in WBAN system for health care applications K Kalaiselvi, GR Suresh, V Ravi International Journal of Communication Systems 32 (15), e4112		2019
Speech Enhancement via Smart Larynx of Variable Frequency for Laryngectomy Patient for Tamil Language Syllables Using RADWT Algorithm P Malathi, GR Suresh, M Moorthi, NR Shanker Circuits, Systems, and Signal Processing 38 (9), 4202-4228		2019
Genetic algorithm based sensor node classifications in wireless body area networks (WBAN) K Kalaiselvi, GR Suresh, V Ravi Cluster Computing 22 (5), 12849-12855	11	2019

TITLE	CITED BY	YEAR
An Organic push pull amplifier using Pentacene Thin Film for Bio-Sensing Applications CTA Wise, GR Suresh, M Palanivelan, S Vani Caribbean Journal of Science 53 (2), 1473 - 1484		2019
EEG Signal Analysis for Automated Epilepsy Seizure Detection Using Wavelet Transform and Artificial Neural Network S Vani, GR Suresh, T Balakumaran, CT Ashawise Journal of Medical Imaging and Health Informatics 9 (6), 1301-1306	1	2019
Conversion of Non-Audible Murmur to Normal Speech Based on FR-GMM using Non-Parallel Training Adaptation Method SKS T.Rajesh Kumar, G.R.Suresh 2019 International Conference on Intelligent Sustainable Systems (ICISS)		2019
Infrared thermal imaging for diabetes detection and measurement A Selvarani, GR Suresh Journal of Medical Systems 43 (2), 23	5	2019
Enhancement of electrolaryngeal speech using Frequency Auditory Masking and GMM based voice conversion P Malathi, GR Suresh, M Moorthi 2018 Fourth International Conference on Advances in Electrical, Electronics ...	2	2018
SPEECH INTELLIGIBILITY PREDICTION AND NEAR END LISTENING ENHANCEMENT FOR MOBILE APPLICATION V Shruthi, R Senthamizhselvi, GR Suresh International Journal of Advance Research in Science and Engineering 7 (2 ...		2018
EFFICIENT SHORTEST PATH APPROACH USING CLUSTER BASED WARSHALL'S ALGORITHM IN WIRELESS BODY SENSOR NETWORKS K Kalaiselvi, GR Suresh, V Ravi International Research Journal of Engineering and Technology 5 (6), 255 -258	2	2018
Conversion of Non-Audible Murmur to Normal Speech Based on Full-Rank Gaussian Mixture Model TR Kumar, GR Suresh, S Raja Journal of Computational and Theoretical Nanoscience 15 (1), 185-190	3	2018
A New Hybridized Speech Enhancement Technique for Stationary and Non-Stationary Noisy Environments RS Selvi, GR Suresh, S Raja Journal of Computational and Theoretical Nanoscience 14 (12), 5934-5941	1	2017
ENHANCEMENT OF SPEECH INTELLIGIBILITY AND QUALITY IN HEARING AID USING FAST ADAPTIVE KALMAN FILTER ALGORITHM RR Dharshini, RS Selvi, GR Suresh, SKS Raja 5th International Conference on Recent Developments in Engineering Science ...		2017
Embedding data in audio signals using HSA-EMD algorithm RS Selvi, R Kishore, GR Suresh, SKS Raja 2017 Third International Conference on Science Technology Engineering ...		2017

