Dr.M.Madheswaran Publications

Publication	Year
Enhanced lifetime of heterogeneous wireless sensor network using stable election protocol with region-based energy-conscious sink movement N Madhavi, M Madheswaran The Journal of Supercomputing 76 (8), 5715-5731	2020
Adaptive supervised multi-resolution approach based modeling of performance improvement in satellite image classification S Saraswathi, M Madheswaran Journal of Ambient Intelligence and Humanized Computing, 1-11	2020
Deep perceptron neural network with fuzzy PID controller for speed control and stability analysis of BLDC motor S Gobinath, M Madheswaran Soft Computing, 1-20	2019
A brief survey of unsupervised agglomerative hierarchical clustering schemes S Sreedhar Kumar, M Madheswaran, BA Vinutha, H Manjunatha Singh, ... International Journal of Engineering & Technology (UAE) 8 (1), 29-37	2019
Comparative study on steady state performance of wind-driven DFIG system M Kaleeswari, M Madheswaran, K Vijayakumar 2018 Conference on Emerging Devices and Smart Systems (ICEDSS), 76-81	2018
Spacer Effects on the Circuit Performance of DG Junctionless Transistor A Pon, M Madheswaran, AS Carmel, A Bhattacharyya, R Ramesh 2018 Conference on Emerging Devices and Smart Systems (ICEDSS), 167-170	2018
An Improved Classification System for Brain Tumours Using Wavelet Transform and Neural Network AS Dhas, M Madheswaran West Indian Med J 67 (3), 243	2018
An improved frequency based agglomerative clustering algorithm for detecting distinct clusters on two dimensional dataset M Madheswaran Journal of Engineering and Technology Research 9 (4), 30-41	2017
Investigation on PV fed hybrid electric vehicles with various power electronic circuits M Kaleeswari, M Madheswaran, K Vijayakumar 2017 International Conference on Advances in Electrical Technology for Green …	2017
A new approach of two tier image feature vector matching technique using an unsupervised clustering technique M Madheswaran, SS Kumar 2017 Conference on Emerging Devices and Smart Systems (ICEDSS), 279-285	2017
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Modal analysis of femur bone using finite element method for healthcare system R Vijayakumar, M Madheswaran 2017 Conference on Emerging Devices and Smart Systems (ICEDSS), 224-228	2017
An Improved Finite Impulse Response Filter Architecture using Substrate Bias Logic for Low-Power Applications D Malathi, M Madheswaran Asian Journal of Research in Social Sciences and Humanities 7 (2), 1115-1130	2017

Performance evaluation of balanced partitioning dynamic cluster head algorithm (bp-dca) for wireless sensor networks M Madheswaran, RN Shanmugasundaram Wireless Personal Communications 89 (1), 195-210	2016
A Spanning Tree for Enhanced Cluster Based Routing in Wireless Sensor Network M Saravanan, M Madheswaran International Journal of Computer and Information Engineering 9 (9), 2138-2147	2016
Comparative Analysis of Edge Detection Methods and its Implementation using UTLP Kit R Hemalatha, N Santhiyakumari, M Madheswaran, S Suresh i-manager's Journal on Image Processing 3 (2), 26	2016
Numerical modeling of high sensitivity nanoscale FinFET biosensor for health care applications R Ramesh, K Kannan, M Madheswaran 2016 Conference on Emerging Devices and Smart Systems (ICEDSS), 9-12	2016
Hot-carrier reliability on the optical characteristics of gate stack gate all-around (GSGAA) MOSFET considering quantum mechanical effects M Madheswaran, R Ramesh, K Kannan Optik 127 (5), 2694-2702	2016
Early Detection of Breast Cancer using Mammogram and Wavelet Transform for Woman Care M Madheswaran, V Vijikala Asian Journal of Research in Social Sciences and Humanities 6 (4), 751-771	2016
A modified power electronic converter topology for stand-alone photovoltaic power generation system M Kaleeswari, M Madheswaran, T Binshad, K Vijayakumar 2016 6th International Electric Drives Production Conference (EDPC), 158-163	2016
Segmentation of 2D and 3D images of carotid artery on unified technology learning platform R Hemalatha, N Santhiyakumari, M Madheswaran, S Suresh Procedia Technology 25, 12-19	2016
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Fuzzy based Cross Layer Feed Back Mechanism for Mobility Aware Load Balanced Routing in WSN R Ravi, M Madheswaran Research Journal of Applied Sciences, Engineering and Technology 9 (11), 935-942	2015
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Performance analysis and experimental verification of buck converter fed dc series motor using hybrid intelligent controller with stability analysis and parameter variations I Thangaraju, M Muruganandam, M Madheswaran Journal of Electrical Engineering & Technology 10 (2), 518-528	2015

Fetal ultrasound image denoising using curvelet transform J Nithya, M Madheswaran ICTACT Journal on Image & Video Processing 5 (3)	2015
Classification of brain MRI images using support vector machine with various Kernels. M Madheswaran, DAS Dhas Biomedical Research	2015