

Dr.M.Madheswaran

List of Publication

- Enhanced lifetime of heterogeneous wireless sensor network using stable election protocol with region-based energy-conscious sink movement 2020
N Madhavi, M Madheswaran
The Journal of Supercomputing 76 (8), 5715-5731
- Adaptive supervised multi-resolution approach based modeling of performance improvement in satellite image classification 2020
S Saraswathi, M Madheswaran
Journal of Ambient Intelligence and Humanized Computing, 1-11
- Deep perceptron neural network with fuzzy PID controller for speed control and stability analysis of BLDC motor 2019
S Gobinath, M Madheswaran
Soft Computing, 1-20
- A brief survey of unsupervised agglomerative hierarchical clustering schemes 2019
S Sreedhar Kumar, M Madheswaran, BA Vinutha, H Manjunatha Singh, ...
International Journal of Engineering & Technology (UAE) 8 (1), 29-37
- Comparative study on steady state performance of wind-driven DFIG system 2018
M Kaleeswari, M Madheswaran, K Vijayakumar
2018 Conference on Emerging Devices and Smart Systems (ICEDSS), 76-81
- Spacer Effects on the Circuit Performance of DG Junctionless Transistor 2018
A Pon, M Madheswaran, AS Carmel, A Bhattacharyya, R Ramesh
2018 Conference on Emerging Devices and Smart Systems (ICEDSS), 167-170
- An Improved Classification System for Brain Tumours Using Wavelet Transform and Neural Network 2018
AS Dhas, M Madheswaran
West Indian Med J 67 (3), 243

- An improved frequency based agglomerative clustering algorithm for detecting distinct clusters on two dimensional dataset 2017
M Madheswaran
Journal of Engineering and Technology Research 9 (4), 30-41
- Investigation on PV fed hybrid electric vehicles with various power electronic circuits 2017
M Kaleeswari, M Madheswaran, K Vijayakumar
2017 International Conference on Advances in Electrical Technology for Green ...
- A new approach of two tier image feature vector matching technique using an unsupervised clustering technique 2017
M Madheswaran, SS Kumar
2017 Conference on Emerging Devices and Smart Systems (ICEDSS), 279-285
- Power reduction in OQAM transmitter architecture using modified IFFT 2017
M Madheswaran, CG Abraham, M Sharma
2017 Conference on Emerging Devices and Smart Systems (ICEDSS), 161-164
- Intima-media segmentation using marr-hildreth method and its implementation on unified technology learning platform 2017
R Hemalatha, N Santhiyakumari, M Madheswaran, S Suresh
2017 Conference on Emerging Devices and Smart Systems (ICEDSS), 32-36
- Modal analysis of femur bone using finite element method for healthcare system 2017
R Vijayakumar, M Madheswaran
2017 Conference on Emerging Devices and Smart Systems (ICEDSS), 224-228
- An Improved Finite Impulse Response Filter Architecture using Substrate Bias Logic for Low-Power Applications 2017
D Malathi, M Madheswaran
Asian Journal of Research in Social Sciences and Humanities 7 (2), 1115-1130
- Performance evaluation of balanced partitioning dynamic cluster head algorithm (bp-dca) for wireless sensor networks 2016
M Madheswaran, RN Shanmugasundaram
Wireless Personal Communications 89 (1), 195-210
- A Spanning Tree for Enhanced Cluster Based Routing in Wireless Sensor Network 2016
M Saravanan, M Madheswaran
International Journal of Computer and Information Engineering 9 (9), 2138-2147
- Comparative Analysis of Edge Detection Methods and its Implementation using UTLP Kit 2016
R Hemalatha, N Santhiyakumari, M Madheswaran, S Suresh
i-manager's Journal on Image Processing 3 (2), 26

- Numerical modeling of high sensitivity nanoscale FinFET biosensor for health care applications 2016
R Ramesh, K Kannan, M Madheswaran
2016 Conference on Emerging Devices and Smart Systems (ICEDSS), 9-12
- Hot-carrier reliability on the optical characteristics of gate stack gate all-around (GSGAA) MOSFET considering quantum mechanical effects 2016
M Madheswaran, R Ramesh, K Kannan
Optik 127 (5), 2694-2702
- Early Detection of Breast Cancer using Mammogram and Wavelet Transform for Woman Care 2016
M Madheswaran, V Vijikala
Asian Journal of Research in Social Sciences and Humanities 6 (4), 751-771
- A modified power electronic converter topology for stand-alone photovoltaic power generation system 2016
M Kaleeswari, M Madheswaran, T Binshad, K Vijayakumar
2016 6th International Electric Drives Production Conference (EDPC), 158-163
- Segmentation of 2D and 3D images of carotid artery on unified technology learning platform 2016
R Hemalatha, N Santhiyakumari, M Madheswaran, S Suresh
Procedia Technology 25, 12-19
- Performance comparison of GNRFET based 6T SRAM cell with CMOS, FinFET and CNTFET technology 2016
GB Raja, M Madheswaran
Int J Innovat Res Sci Eng
- Numerical modeling on the optical characteristics of triple material gate stack gate all-around (TMGSGAA) MOSFET 2015
R Ramesh, M Madheswaran, K Kannan
Superlattices and Microstructures 85, 418-432
- Fuzzy based Cross Layer Feed Back Mechanism for Mobility Aware Load Balanced Routing in WSN 2015
R Ravi, M Madheswaran
Research Journal of Applied Sciences, Engineering and Technology 9 (11), 935-942

- Theoretical Study and Estimation of Recombination Rate and Photocurrent of Quantum Dot Solar Cell using Homotopy Analysis 2015
BM Babu, M Madheswaran, KR Kavitha
Research Journal of Applied Sciences, Engineering and Technology 9 (8), 601-615
- Performance analysis and experimental verification of buck converter fed dc series motor using hybrid intelligent controller with stability analysis and parameter variations 2015
I Thangaraju, M Muruganandam, M Madheswaran
Journal of Electrical Engineering & Technology 10 (2), 518-528
- Fetal ultrasound image denoising using curvelet transform 2015
J Nithya, M Madheswaran
ICTACT Journal on Image & Video Processing 5 (3)
- Classification of brain MRI images using support vector machine with various Kernels. 2015
M Madheswaran, DAS Dhas
Biomedical Research