List of Publications

Research Issues in Wireless Sensor NetworkApplications: A Survey
EPK Gilbert, B Kaliaperumal, EB Rajsingh
International Journal of information and electronics engineering 2 (5), 702

Efficient sequential switching hybrid-modulation techniques for cascaded multilevel inverters
C Govindaraju, K Baskaran
IEEE Transactions on Power Electronics 26 (6), 1639-1648

Implementation of Fuzzy PI Controller for Speed Control of Induction Motor Using FPGA
RAK Baskaran
Journal of Power Electronics 10 (No.1), pp.65-71

Space Vector Pulse Width Modulation BasedSpeed Control of Induction Motor using FuzzyPI Controller
R Arulmozhiyal, K Baskaran
International Journal of Computer and Electrical Engineering 1 (1), 98

A Survey on Futuristic Health Care System: WBANs
RGKDK Baskaran
Procedia Engineering Journal, Elsevier–30

Low Cost VLSI Design Implementation of Sorting Network for ACSFD in Wireless Sensor Network
SV Manikanthan, K Baskaran
CiiT International Journal of Programmable Device Circuits and Systems …

An Overview of Application Standards and Challenges in futuristic Wireless Body Area Networks
GKRDK Baskaran
International Journal of Computer Science Issues 9 (No.2)

An overview of Applications, Standards and Challenges in Futuristic Wireless Body Area Networks
Ragesh G K and Dr.K.Baskaran
International Journal of Computer Science Issues (IJCSI) 9 (No.1)

An overview of applications, standards and challenges in futuristic wireless body area networks
GK Ragesh, K Baskaran
International Journal of Computer Science Issues (IJCSI) 9 (1), 180

Speed control of induction motor using fuzzy PI and optimized using GA
R Arulmozhiyal, K Baskaran
International Journal of Recent Trends in Engineering 2 (5), 43

Trust based data prediction, aggregation and reconstruction using compressed sensing for clustered wireless sensor networks
EPK Gilbert, B Kaliaperumal, EB Rajsingh, M Lydia
Computers & Electrical Engineering 72, 894-909

Optimized hybrid phase disposition PWM control method for multilevel inverter
C Govindaraju, K Baskaran

International Journal of Recent Trends in Engineering 1 (3), 129-134

Leakage power reduction techniques in deep submicron technologies for VLSI applications
MG Priya, K Baskaran, D Krishnaveni
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An ASIC implementation of low power and high throughput blowfish crypto algorithm
P. Karthigaikumar, K. Baskaran
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Outlier aware data aggregation in distributed wireless sensor network using robust principal component analysis
N Chitradevi, V Palanisamy, K Baskaran, UB Nisha
2010 Second International conference on Computing, Communication and …

Performance improvement of multiphase multilevel inverter using hybrid carrier based space vector modulation
C Govindaraju, K Baskaran
International Journal on Electrical Engineering and Informatics 2 (2), 137-149

Low Power Full Adder with Reduced Transistor Count
K GeethaPriya, M&Baskaran
International Journal of Engineering Trends and Technology 4 (No.5), pp.1755 …

Design and development of artificial neural networking (ANN) system using sigmoid activation function to predict annual rice production in Tamilnadu
SA Balaji, K Baskaran
arXiv preprint arXiv:1303.1913

A New Leakage Power Reduction Technique for CMOS VLSI Circuits.
S GeethaPriya, M,Baskaran, K, Krishnaveni, D & Srinivasan
Journal of Artificial Intelligence 5, pp. 227-232

A Novel Leakage Power Reduction Technique for CMOS VLSI Circuits
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European Journal of Scientific Research 74 (No.1), pp. 96-105