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VLSI, Control Systems, Solar Energy

LIST OF JOURNALS

1. ECG signal processing and KNN classifier-based abnormality detection by VH-doctor for remote cardiac healthcare monitoring, B Venkataramanaiah, J Kamala, Soft Computing 24 (22), 17457-17466
2. Implementation of high precision/low latency FP divider using Urdhva-Tiryakbhyam multiplier for SoC applications, CRS Hanuman, J Kamala, AR Aruna, Design Automation for Embedded Systems, 1-15
3. Hardware design implementation issues of the estimator-based controller using FPGA, R Kanthimathi, J Kamala, T Jaibalaganesh, S Vasuhi, IJE 106 (10), 1463-1479
4. Implementation of multi-precision floating point divider for high speed signal processing applications CRS Hanuman, J Kamala, AR Aruna The Journal of Supercomputing 75 (9), 6038-6054
5. Efficient Digital System Management using IEEE 1451.0 Enabled Control Architecture. J Kamala, B Umamaheswari, T Jaibalaganesh, Defence Science Journal 69 (3)

6. Implementation of Enhanced Global Search Particle Swarm Optimization Algorithm for Photovoltaic Systems, E Malarvizhi, J Kamala, A Sivasubramanian 2019 Fifth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)
7. Hardware implementation of 24-bit vedic multiplier in 32-bit floating-point divider CRS Hanuman, J Kamala, 2018 4th International Conference on Electrical, Electronics and System ...
8. Implementation of High-Performance Floating Point Divider Using Pipeline Architecture on FPGA, CRS Hanuman, J Kamala, Intelligent Engineering Informatics, 129-138
9. Analysis and simulation of flying capacitor multilevel inverter using PDPWM strategy MM Shobini, J Kamala, R Rathna 2017 International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)
10. Reconfigurable smart controller and interface architecture for Photovoltaic Energy Storage System, J Kamala, B Umamaheswari, Computer Standards & Interfaces 46, 37-45
11. Evaluation of particle swarm optimization algorithm in photovoltaic applications, E Malarvizhi, J Kamala, A Sivasubramanian, 2016 10th International Conference on Intelligent Systems and Control (ISCO)