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Research Publications

Attention Based Recurrent Neural Network for Lung Cancer Detection S Sasikumar, PN Renjith, K Ramesh, KS Sankaran 2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile …	2020
To implement positive feedback adiabatic logic (PFAL)—NAND technique on low power Zigbee applications for processor applications K Parthiban, S Sasikumar Microprocessors and Microsystems 76, 102856	2020
Optimizing the Role of Orchestrator for Integration Aneka PaaS with AWS Cloud SS Ramesh K , Renjith P.N Proceedings of the Fifth International Conference on Inventive Computation …	2020
Sensor Based Water Treatment Methods for Dyeing-Water Recycling with Multi- Combination Dye-Absorption SS K.Ramesh, P.N.Renjith TEST Engineering & Management 83, 13371-76	2020
Effcient video compression and improving quality of video in communication for computer endcoding applications KS Kumar, SS Kumar, NM Kumar Computer Communications 153, 152-158	2020
An Efficient Packet Loss Resilience Method Using Closed-Form Solution for Unequal FEC Assignment s.sasikumar k.sivakumar Applied Mathematics & Information Sciences-International Journal 13 (3), 391-400	2019
Pattern Generation and Dimensionality Reduction using CNN for Image Restoration KS Sankaran, S Sasikumar, N Vasudevan, VR Prakash, L Babitha 2019 International Conference on Communication and Signal Processing (ICCSP …	2019
Performance Analysis of Leakage Current Reduction in Standby Mode of Zigbee SoC Using Active Mode Logic K Parthiban, S Sasikumar Journal of Computational and Theoretical Nanoscience 15 (2), 525-529	2018
On Optimal Signal Detection using Covariance shaping method S Karthikeyan, PG Kumar, S Sasikumar International Journal of Communications 1	2016
MRI Segmentation using Clustering Algorithm SS B.Latha International Journal of Advanced Research in Computer Science and Software …	2016
Reduction of Gate Power Dissipation in Zigbee SOC using Power Gating Logic K Parthiban, S Sasikumar Asian Journal of Research in Social Sciences and Humanities 6 (8), 809-817	2016
Skip block-based wavelet compression for hyperspectral images NMM Banu, S Sasikumar International Journal of Signal and Imaging Systems Engineering 9 (3), 156-164	2016