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**Publications in Last Five Years**

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6. Deepa Jose, P.Suganya and P.Nirmal Kumar, "Content Addressable Memory Using Automatic Charge Balancing with Self-Control Mechanism and Master-Slave Match Line Design", Circuits and Systems, Vol. 7, Issue 6, pp. 597-611 (2016).
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8. N.Janakiraman, P.Nirmal Kumar, S.Rajeswari, C.Kumar Charlie Paul and S.Babu, "Dynamic Resource Allocation Scheme for MIMO-OFDMA Multicast System", National Academy of Sciences, India Section A: Physical Sciences, Vol. 86, Issue 2, pp. 187-199 (2016).
9. N.Janakiraman and P.Nirmal Kumar, " An experimental study of coarse grained reconfigurable system-on-chip based software defined radio", Turkish Journal of Electrical Engineering & Computer Sciences, Vol. 24, Issue 3, pp. 1176-1193 (2016).
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11. Deepa Jose, A.Noufal Chithara, P.Nirmal Kumar and H.Kareemulla, "Automatic Detection of Lung Cancer Nodules in Computerized Tomography Images", National Academy Science Letters-India , published by SPRINGER. Vol. 40, Issue 3, pp. 161-166 (2017).
12. H.Kareemullah, N.Janakiraman and P.Nirmal Kumar, "Massively Parallel ECoG Signal Processing using MPSoC for Real-time Brain–Computer Interface", Asian Journal of Research in Social Sciences and Humanities, Vol. 7, Issue 3, pp. 1017-1032 (2017).
13. Neelam Sanjeev Kumar ,P Nirmalkumar, "An Intelligent Decision-Support System For Telemedicine", Applied Mathematics & Information Sciences, published by 991. Vol. 5, Issue 12, pp. 981 (2018).
14. M Navaneetha Velammal, P Nirmal Kumar, “A speech recognizer” a tool to recognize the high clarity speech signal based on existing speech using ISCA” Analog Integrated Circuits and Signal Processing, (98)1, 2019.
15. K Sakthi, P Nirmalkumar, Efficient soft error resiliency by multi-match packet classification using scalable TCAM implementation in FPGA, Microprocessors and Microsystems 74, 102985. (2020).
16. Jerith, G.G., Kumar, P.N., “Recognition of Glaucoma by means of Gray Wolf Optimized Neural Network”, Multimed Tools Appl, 79, 10341–10361 (2020).
17. R Umamaheswari, M Ramya Princess, P Nirmal Kumar, Improved Whale Optimized MLP Neural Network-Based Learning Mechanism for Multiuser Detection in MIMO Communication System, Journal of Circuits, Systems and Computers, 2020.