Dr Aravind

Web of Science

1. R. Selvakumar and Arvind, C (2020) „Wide-Range Energy-Efficient Buffer based Voltage Level-up Converters for Multi Supply Voltage Systems", Sadhana Proceedings of Engineering Sciences – (Springer, ESCI) Accepted for publication

2. Devendra Kumar, Arvind C and K Srihari (2020) „Design and Analysis on Molecular level biomedical event trigger extraction using recurrent neural network based particle swarm optimization for COVID-19 Research", International Journal of Computer Applications in Technology – (Inderscience, ESCI) Accepted for publication

3. R. Selvakumar and Arvind, C (2020) „Energy-Efficient CMOS Voltage Level Shifters with Single-VDD for Multi-core Applications", Analog Integrated Circuits and Signal Processing – (Springer, ESCI) Accepted for publication

4. R. Selvakumar and Arvind, C (2020) „A 16ns, 28fJ Wide-Range Subthreshold Level Converter using Low-voltage Current Mirror" Circuits, Systems and Signal Processing (Springer, ESCI) – DOI: https://doi.org/10.1007/s00034-020-01524-5, Published online: 24 Aug. 2020

5. K. Kamaraj, Arvind, C and Srihari K (2020) „A weight optimized artificial neural network for automated software test oracle" Soft Computing (Springer, ESCI) – DOI: https://doi.org/10.1007/s00500-020-05197-9, Published Date ; 18 July 2020

6. Anand Prem and Arvind, C (2019) „A Millimeter Wave Generation scheme Based On Frequency Octupling using LiNbO3 Mach- Zehnder Modulator" National Academy Science letters (Springer, SCI) – DOI: 10.1007/s40009-018-0766-3, Vol. 42, No. 5, pp. 401 – 406, Sept. – Oct. 2019.

7. Anand Prem and Arvind, C (2018) „A Novel scheme for Optical Millimeter Wave Generation using LiNbO3 Mach- Zehnder Modulator without amplifier", Proceedings of the National Academy of Sciences, Physical Sciences(Springer, SCI), DOI 10.1007/s40010-018-0532-4, Published online – 25th September 2018.

8. M. Naresh, Arvind C and M. Ganesh, (2017) „MRI Brain Image Segmentation Using Enhanced Adaptive Fuzzy K-Means Algorithm" Intelligent Automation & Soft Computing (Tayor and Francis, WoS), Volume 23, Issue 2, pp. 325 – 330.

9. Arvind, C., Elanchezhian, Kabilarasan and Chinchu Joseph, (2015) „A Low Complexity Splitter Based Parallel Multiplier For DSP Applications",Proceedings of National Academy of Science: Physical Sciences A. (Springer,SCI), Volume 85, Issue 2, pp. 277-281.

Scopus

10. Poomari S and Arvind C, (2017) „A novel scheme for optical millimeter wave generation using MZM", ARPN Journal of Engineering and Applied Sciences, Volume 12, Issue 21, pp. 6097 – 6102.

11. M. Arun Kumar and Arvind C, (2017) „A Survey of Low Power FFT Processor for Signal Processing Applications", Journal of Advanced Research in Dynamical and Control Systems, Issue 15, pp. 633 – 641.

12. A. Sujatha Priyadharshini and Arvind C, (2017) „Survey on Energy Efficient Hierarchical Routing Protocols", Journal of Advanced Research in Dynamical and Control Systems, Issue 15, pp. 626 – 632.

13. Arvind, C and Palanisamy, V (2012), „An Optimized Algorithm assisted PTS scheme for PAPR reduction in OFDM Systems", Journal of Applied Sciences Research, vol. 8, no. 9, pp. 4837- 4841.

14. Arvind, C and Palanisamy, V (2012), „A Survey on CF Method, PTS Approach, Companding Technique and Time Domain Methods for PAPR Reduction in OFDM Systems", European Journal of Scientific Research, vol. 75, no. 4, pp.624-642.

Others

15. Kannapiran S and Arvind C (2020) „An Efficient and smart fan using IR Communication" International Journal of Advanced research in Basic Engineering Science and Technology, Vol. 6, Issue 5, pp 1 – 10.

16. Saranya L and Arvind C (2018) „Survey on the design methods of low power SRAM cell" International Journal of Pure and Applied Mathematics, Bluetooth enabled braking system for accident prevention, Vol. 118, issue 20, pp. 397 –402.

17. Arvind C, Mawnash E, Mohamed Yaser A and Krithika S, (2018) „Wireless notice board using GSM", International Journal of Pure and Applied Mathematics, Bluetooth enabled braking system for accident prevention, Volume 118, issue 20, pp. 633 – 636.

18. Arvind C, Shanmugapriya S, Thenmozhi P and Vishnupriya R, (2018) „Simulation Analysis of binary multipliers used in the MAC unit of digital signal processors", International Journal of Pure and Applied Mathematics, Bluetooth enabled braking system for accident prevention, Volume 118, issue 20, pp. 95 –99.

19. Arvind C, Ashok Raja, Gowtham M S, Vincy R, (2018) „Bluetooth enabled braking system for accident prevention", International Journal of Pure and Applied Mathematics, Volume 118, issue 20, pp. 215 – 223.

20. Anand Prem P K and Arvind C, (2017) „A Phase Modulation Scheme forMillimeter Wave Generation Based on Frequency Octupling using LiNbO3 Mach- Zehnder Modulator", International Journal of Engineering and Technology, Volume 9, Issue 4, pp. 3197 – 3202.

21. Devendra Kumar and Arvind C, (2017) „Facial Expression Recognition System "Sentiment Analysis"" Journal of Advanced Research in Dynamical and Control Systems, Issue 15, pp. 250 – 255.

22. Arvind, C. and Kamaraj, K., (2017) „Strategies of Automated Test Oracle – A Survey", Advances in Natural and Applied Sciences, Volume 11, Issue 1, pp. 77– 91.

23. Arvind, C. and Anand Prem P K, (2017) „Optical millimeter wave generation using external modulation – A review", Advances in Natural and Applied Sciences, Volume 11, Issue 1, pp. 8 – 12.

24. Arvind, C. and Kannapiran, S., (2016) „A novel home automation system using bluetooth and Arduino", International Journal of Advances in Computer and Electronics Engineering, Volume 1, Issue 5, pp. 41 – 44.

25. Arvind, C., and Poomari, S., (2016) „A survey on optical millimeter wave generation using frequency multiplication based on external modulation", International Journal for Science and Advance Research in Technology, Volume 2, Issue 11, pp. 340 – 342.