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List of publications:

1. A. Saravana Kumaran, S. Ajay, K. C. Manoj, M. Ganesh Madhan, J. Logeswaran and S. Piramasubramanian, "Design and Simulation of 3.5 GHz hybrid photonic antenna system for 5G applications", published by AIP Conference Proceedings, Vol.2222 (2020).
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3. S.V.Vinodhini, S.Piramassubramanian and M.Ganesh Madhan "Analysis of Nonlinear Distortion and its Reduction Using Feedback injection schemes in an 1.3 μ m transistor laser" published by Article in Optics Communications (2020).
4. C.Rimmya and M.Ganesh Madhan, "An efficient scheme for simultaneous 60GHz MM wave generation and CSRZ-DQPSK transmission in a passive optical network", Microwave and Optical Technology. (2019).
5. C.Rimmya and M.Ganesh Madhan, "Performance analysis of CSRZ-QDPSK transmitter configurations for SBS tolerance in single mode fiber link ", OPTIK – International Journal of Light and Electron Optics, published by Elsevier GmbH. (2019).
6. P.Ashok and M.Ganesh Madhan, " Performance analysis of various pulse modulation schemes for a FSO link employing Gain switched Quantum Cascade lasers", Optics and Laser Technology, published by Elsevier. Vol. 111, pp. 358 - 371 (2019).
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- 11. S.Piramasubramanian and M.Ganesh Madhan, "Performance Analysis of a Digital Fiber Optic Link incorporating Gain Levered Laser Diode Transmitter", International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, published by John Wiley . (2018).
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- 13. C.Kavitha and M.Ganesh Madhan, "A simplified equivalent circuit model for the study of squeezed film effects in a capacitive MEMS accelerometer", Opto Electronics and Advanced Materials , published by INOE publishing. Vol. 19, Issue 11, pp. 719-728 (2017).
- 14. P.Ashok and M.Ganesh Madhan, "Optimum electrical pulse characteristics for efficient gain switching in QCL", OPTIK – International Journal of Light and Electron Optics, published by Elsevier. Vol. 146, pp. 51 - 62 (2017).
- 15. G.Jemima Nissiyah and M.Ganesh Madhan, "Analysis of single band and dual band grapheme based patch antenna for terahertz region", Physica - E Low dimensional systems and Nanostructures, published by Elsevier. Vol. 94, pp. 126 - 131 (2017).
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