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List of Publications

1. A Sacithra, A Manivannan, 'Turbulent flow analysis of a flattened tube in-plane curved solar collector using Titanium oxide nanofluid', Heat and Mass Transfer, June 2019, Volume 55, Issue 6, Pages 1783–1799.
2. Manivananan, P. Kannan, 'Theoretical Analysis of a Vapour Compression Refrigeration System with R134a, R290, R600a & various ratio of R290/R600a', International Journal for Research in Applied Science & Engineering Technology, 2016/6, Volume 4, Issue 4.
3. Syed Zubair S, Manivannan A, 'Thermal Analysis of High Power Led Package With Perforation On The Fin Base', International Journal of Advanced Research in Biology, Engineering, Science and Technology (IJARBEST), Volume 2, Issue 5, May 2016.
4. Manivannan M. Venkatesan, N. Shenbaga Vinayaga Moorthi, Arul Franco P, R. Karthikeyan, 'Spark-assisted HCCI engine using hydrous methanol as a fuel: an ANN approach', Biofuels, Bioproducts and Biorefining, Volume 4, Issue 9, August 2015.
5. M Venkatesan, N Moorthi, Shenbaga Vinayaga, R Karthikeyan, A Manivannan, VC Gandhi, 'Experimental Investigation on Hydrous Methanol Fuelled Homogeneous Charge Compression Ignition Engine Using Spark Assisted Method', International Journal of Engineering, Volume 28, Issue 7, July 2015, Pages 1099-1107.
6. M Venkatesan, N Shenbaga Vinayaga Moorthi, PA Franco, A Manivannan, R Karthikeyan, 'Hydrous Methanol Fuelled HCCI Engine Using Ignition Improver CAI Method-ANN Approach', Mechanics and Mechanical Engineering, Volume 19, Number 1, 2015, Pages 31–49.
7. A Mannivannan, M T Jaffarsathiq Ali, 'Simulation and experimental study of thermal performance of a building roof with a phase change material (PCM)', Sadhana December 2015, Volume 40, Issue 8, Pages 2381–2388.

8. G Arun Vijay, N Shenbaga Vinayaga Moorthi, A Manivannan, 'Internal and External Flow Characteristics Of Swirl Atomizers: A Review', Atomization and Sprays, Volume 25, Issue 2, 2015, Pages 153-188.
9. Muthu Venkatesan, Navaneethakrishnan Shenbaga Vinayaga Moorthi, Ramaiya Karthikeyan, Ayyasamy Manivannan, 'Experimental Study on Hydrous Methanol Fuelled HCCI Engine Using Air Pre-Heater Assisted Controlled Autoignition', Transactions of FAMENA, Volume 38, Issue 2, July 2014, Pages 53-66.
10. Manivannan A, Velmurugan M, 'Performance of Single Pass Down Stream Solar Air Collector with Inclined Multiple V-Ribs', International Journal of Mechanical and Mechatronics Engineering, Volume 8, Number 8, 2014.