

## International Journal Publications records of **Dr.R.Manimaran**

**1.R.Manimaran** ,et.al. Mechanical properties of Fly ash composites - A Review, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 2018, DOI: 10.1080/15567036.2018.1463319.Taylor and Francis -Impact Factor: 0.57. (SCI).

2.A. Vijin Prabhu, **R. Manimaran**,Effect of methane enrichment on the performance of a dual fuel CI engine- International Journal of Ambient Energy, 2018,/doi.org/10.1080/01430750.2018. 1550017. Taylor and Francis.(Scopus)

3.A. Vijin Prabhu, **R. Manimaran**, Biogas production from anaerobic co-digestion of prosopisjuliflora pods withwater hyacinth, dry leaves and cow manure, Energy Sources,Part A: Recovery, Utilization, and Environmental Effects, 2018, Taylor and Francis -Impact Factor: 0.57. (SCI).

4.T.Theivasanthi and **R.Manimaran**, Experimental investigation on heat transfer enhancement in minichannel using of CuO water nanofluid, International Journal of Ambient Energy-DOI:

10.1080/01430750.2018.1432501,2018.-Taylor and Francis (Scopus).

5.N.V. Dhandapani, **R. Manimaran** , A Complex Shaped Crucible Frame Structure Modeling andFinite Element Analysis for Stress and Deformation, International Journal of Engineering and Technology. 7 (2.8) (2018) 626-628 .(Scopus).

6.P.Senthil Kumar, **R.Manimaran**, P.R.Lakshminarayanan, Study of Hardness at Different locations of Cast Al/TiB<sub>2</sub> MMC cast ingot based on microstructures, International Journal of Pure and Applied Mathematics, Vol.118, pp.39-49, 2018. (Scopus).

7.R.Sridhararan, **R.Manimaran**, R.Velmurugan, Numerical study of Geometrical Parameter in spring back for straight flanging aluminum composite, International Journal of Pure and Applied Mathematics, Vol.118, pp.219-224, 2018. (Scopus).

**8.R.Manimaran**, R.Senthilkumar, Performance analysis of solar water heater at possible flow rates with and without phase change material, Distributed Generation and Alternative Energy

Journal, Volume 31 (1),pp.67-80, 2016.

**9.R.Manimaran**, K.Palaniradja and N.Alagumurthi , “Experimental comparative study of heat pipe performance using CuO and TiO<sub>2</sub> nanofluids,” International Journal of Energy Research, Vol,38,pp,573-580,2014. Wiley Publication. Impact Factor: 2.7. (SCI)

**10.R.Manimaran**, K.Palaniradja and N.Alagumurthi, “Preparation and characterization of copper oxide nanofluid for heat transfer applications,” Applied Nanoscience, Vol 4, pp,163- 167,2014. Springer. Impact Factor: 3.3. (SCI-E).

**11.R.Senthilkumar and R.Manimaran**, Evaluation of a diesel engine using rice bran oil as a Bio-Diesel, International Journal of Science, Engineering and Technology Research, Vol.3, pp, 1779-1789, 2014.

**12.R.Senthilkumar,R.Manimaran** and V.Gopalakrishnan, Experimental investigation on D.I diesel engine fuelled by ethanol diesel blend with varying inlet air temperature, Advances in Applied Science Research, Vol.4,pp,319-329,2013.

**13.R.Manimaran** and R.Senthilkumar, Performance Analysis of solar water heater at possible flow rates with and without phase change material, Distributed Generation and Alternative Energy Journal, Vol.27, pp,67-80, No.2, 2012. Taylor and Francis.

**14.R.Manimaran**, K.Palaniradja and N.Alagumurthi, “Effect of Filling Ratio on Thermal Characteristics of Wire-mesh Heat Pipe using Copper oxide nanofluid,” Frontiers in Heat Pipes (FHP), Vol. 3, 023004,2012. (SCI).

**15.R.Manimaran**, K.Palaniradja and N.Alagumurthi, “Factors Affecting the Thermal Performance of Heat Pipe –A Review,” Journal of Engineering Research and Studies, Vol. III/Issue II,pp.20-24,2012.

**16.R.Manimaran**, K.Palaniradja and N.Alagumurthi, “An Investigation of Thermal Performance of Heat Pipe Using DI-water,” Science and Technology, Vol, 2,pp. 77-80,2012.