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Publications in SCI, WOS indexed Journals

1. Rajendran, Duraisamy Ramalingam, **Esakkimuthu Ganapathy Sundaram**, Paulraj Jawahar, Vaithilingam Sivakumar, Omid Mahian, and Evangelos Bellos. 2020. "Review on Influencing Parameters in the Performance of Concentrated Solar Power Collector Based on Materials, Heat Transfer Fluids and Design." *Journal of Thermal Analysis and Calorimetry* 140(1):33–51. doi: 10.1007/s10973-019-08759-8.
2. Dhamodaran, Gopinath, and **Ganapathy Sundaram Esakkimuthu**. 2019. "A Comparison Study on Emission Characteristics of Using Higher Alcohol Oxygenates with Gasoline in a Multipoint Fuel Injection Spark-Ignition Engine." *Journal of Testing and Evaluation* 48(1):260–72. doi: 10.1520/JTE20180716.
3. Dhamodaran, Gopinath, and **Ganapathy Sundaram Esakkimuthu**. 2019. "Experimental Measurement of Physico-Chemical Properties of Oxygenate (DIPE) Blended Gasoline." *Measurement* 134:280–85. doi: 10.1016/j.measurement.2018.10.077.
4. Rajendran, D. R., **E. Ganapathy Sundaram**, and P. Jawahar. 2017. "Experimental Studies on the Effect of Enhanced Thermal Conductivity of SiC+Water Nanofluid in the Performance of Small Scale Solar Parabolic Dish Receiver." *International Journal of Nanoscience* 17(01n02):1760025. doi: 10.1142/S0219581X17600250.
5. Alagu, R. M., and **E. Ganapathy Sundaram**. 2018. "Preparation and Characterization of Pyrolytic Oil through Pyrolysis of Neem Seed and Study of Performance, Combustion and Emission Characteristics in CI Engine." *Journal of the Energy Institute* 91(1):100–109. doi: 10.1016/j.joei.2016.10.003.
6. Sivakumar, V., and **E. Ganapathy Sundaram**. 2018. "MATLAB Modelling and Examination of the Effect of Heat Capacity of Basin and Glass Cover on Performance of Solar Still by Thermal Models." *International Journal of Ambient Energy* 39(1):1–10. doi: 10.1080/01430750.2016.1222956.
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8. Rajendran, D. R., **E. Ganapathy Sundaram**, and P. Jawahar. 2017. "Experimental Studies on the Thermal Performance of a Parabolic Dish Solar Receiver with the Heat Transfer Fluids SiC

- + Water Nano Fluid and Water.” *Journal of Thermal Science* 26(3):263–72. doi: 10.1007/s11630-017-0938-3.
9. Dhamodaran, Gopinath, **Ganapathy Sundaram Esakkimuthu**, Yashwanth Kutti Pochareddy, and Harish Sivasubramanian. 2017. “Investigation of N-Butanol as Fuel in a Four-Cylinder MPFI SI Engine.” *Energy* 125:726–35. doi: 10.1016/j.energy.2017.02.134.
 10. Sivasubramanian, Harish, Yashwanth Kutti Pochareddy, Gopinath Dhamodaran, and **Ganapathy Sundaram Esakkimuthu**. 2017. “Performance, Emission and Combustion Characteristics of a Branched Higher Mass, C3 Alcohol (Isopropanol) Blends Fuelled Medium Duty MPFI SI Engine.” *Engineering Science and Technology, an International Journal* 20(2):528–35. doi: 10.1016/j.jestch.2016.11.013.
 11. Sivakumar, V., and **E. Ganapathy Sundaram**. 2016. “Experimental Studies on Quality of Desalinated Water Derived from Single Slope Passive Solar Still.” *Desalination and Water Treatment* 57(57):27458–68. doi: 10.1080/19443994.2016.1176963.
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