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List of Publications (Recent):

1. Study of effect of Al and Cu microparticles dispersed in D-Mannitol PCM for effective solar thermal energy storage, Journal of Thermal Analysis and Calorimetry, 139 (2020), pp. 895-904.
2. Effective utilization of waste cooking oil in a diesel engine equipped with CRDI system using C8 oxygenates as additives for cleaner emission, Fuel, 275 (2020), pp. 118003.
3. Computational Investigation on Radiative Heat Transfer Characteristics of an Automotive LED Tail Light, Mechanics, 25 (2019), pp. 156-164.
4. Rotating injector in DI diesel engine for improving performance and reducing NOx emission, International Journal of Energy and Water Resources, 1 (2017), pp. 19-26.
5. Performance and emission characteristics of a DI diesel engine with a nanofuel additive, Fuel, 109 (2013), pp. 362-365. Numerical modelling of flow through perforated plates applied to electrostatic precipitator, JApSc 10 (2010), pp. 2426-2432.
6. Passive proliferation of convective heat transfer consummated with nanoporous surface, International journal of thermal sciences 49 (2010), pp. 749-755.
7. Experimental investigation of anodized/spray pyrolysed nanoporous structure on heat transfer augmentation, Journal of Thermal Science 18 (2009), pp. 358.
8. Flow and turbulence inside an electrostatic precipitator using CFD, International Journal of Applied Engineering Research 4 (2009), pp. 1207-1222.