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- Investigation On Harmful Pollutant Reduction Technique In Preheated Linseed Oil Blend With Diesel Adding The Nano Particle In Low Heat Rejection Engine published in Journal of Cleaner Production – Elsevier (Anna University Annexure – i) (Impact Factor – 7.89)
- Experimental investigation to reduce environmental pollutants using biofuel nano- water emulsion in thermal barrier coated engine. Fuel – Elsevier (Anna University Annexure – i) (Impact Factor – 5.8)
- Pooled effect of injection pressure and intake air temperature on HCCI engine powered with pyrolysis oil from waste plastics Fuel – Elsevier (Anna University Annexure – i)(Impact Factor – 5.8)
- Performance Analysis of HCCI Engine Powered by Tamanu Methyl Ester with Various Inlet Air Temperature and Exhaust Gas Recirculation Ratios in Fuel – Elsevier (Anna University Annexure – i) (Impact Factor – 5.8)
- Performance and Emission Characteristics of cerium oxide nano particle reducing the pollutant emission in Modified Coated Piston diesel engine running by biofuel water emulsion published in Environmental Science and Pollution – Springer (Anna University Annexure – i)(Impact Factor – 3.12)
- Investigation on Reduction in Consequences of Adding Eco-friendly Water Emulsion into the Biodiesel Blend as a CI Engine Fuel published in Journal of Thermal Analysis and Calorimetry– Springer (Anna University Annexure i) (Impact Factor – 2.76)
- Citrullus Colocynthis - An Experimental Investigation With Enzymatic Lipase Based Methyl Esterified Biodiesel published in Heat and Mass Transfer - Springer (Anna University Annexure –i) (Impact Factor – 1.89)
- Effects of thermal barrier coating on the performance, combustion and emission of DI diesel engine powered by biofuel oil–water emulsion published in Journal of Thermal Analysis and Calorimetry– Springer (Anna University Annexure i) (Impact Factor – 2.76)

- Experimental Investigation on Lemongrass oil water emulsion in LHR diesel engine published in Journal of Testing and Evaluation – ASTM International (Anna University Annexure – i) (Impact Factor – 0.987)
- Control Strategies of HCCI Engine Performance and Emission by Combined Effect of Exhaust Gas Recirculation with Blend of Biodiesel and N-Heptane in Energy Sources, Part A: Recovery, Utilization, and Environmental (Anna University Annexure – i) (Impact Factor – 1.25)
- Macroscopic Characteristics of Palm Oil and Palm Oil Methyl Ester Using Dimensionless published in Journal of Oil and Palm Research (Anna University Annexure –i) (Impact Factor – 0.890)
- Design Fabrication of Hybrid composite leaf spring published Australian Journals of mechanical engineering in the year of Dec 2014 (Anna University Annexure –ii)
- Design And Analysis Of A Supercharged Cross Breed Engine Under Bharath Stage-VI Norms (Published) International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility – SAE Journal (Scopus)
- Experimental Analysis of Piston Bowl Geometry In CI Engine. (Accepted) International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility – SAE Journal (Scopus)
- Experimental Investigation of Friction Stir Welding on Aluminium AA6063. (Accepted) International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility – SAE Journal (Scopus)
- Design and Analysis of Helical Baffled Shell and Tube Heat Exchanger using Numerical Methods. (Published) International Conference on Advances in Design, Materials, Manufacturing and Surface Engineering for Mobility – SAE Journal (Scopus)
- A review on emulsified fuel in low heat rejection engine for better combustion and emission published in the year of Mar 2015 Anna University Annexure –ii)
- Waste Heat Recovery from Internal Combustion Engine Using Thermoelectric Power Generator published International Journal on Recent Researches In Science, Engineering & Technology in the year of 2014
- Design Fabrication and Static Analysis of Single Composite Lap Joint Published in International Journals and Scientific Research and Development in the year of Nov 2013
- Analyzing the unidirectional fiber orientation under transverse static load Published in International Journals and Scientific Research and Development in the year of Aug 2014

- Analyzing the fiber orientation under transverse static loading using aluminum and boron
Published in International Journals and Scientific Research and Development in the year of Aug2014