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List of Publications

1. S. Prasanna Raj Yadav, C.G. Saravanan, S.Karthick, K.Senthiulnathan, A. Gnanaprakash , "Fundamental droplet evaporation and engine application studies of an alternate fuel produced from waste transformer oil.", Fuel, Volume 259, Number 0016-2361, Mar 2020, pp. 116253-116260. https://doi.org/10.1016/j.fuel.2019.116253.
2. A. Manoj Babu, C.G. Saravanan, M. Vikneswaran, V. Edwin Jeo, J. Sasikala, "Visualization of In-cylinder combustion using endoscope in Spark Ignition engine fueled with pine oil blended gasoline.", *Fuel*, Volume 263, Number 1, Mar 2020, pp. 116707-116715. https://doi.org/10.1016/j.fuel.2019.116707.
3. A. Velavan, CG. Saravanan, M. Vikneswaran, E. James Gunasekaran, J. Sasikala, "Visualization of in-cylinder combustion flame and evaluation of engine characteristics of MPFI engine fueled by lemon peel oil blended gasoline.", *Fuel*, Volume 263, Number 1, Mar 2020, pp. 116728-116736. https://doi.org/10.1016/j.fuel.2019.116728.
4. C.G. Saravanan, K. Raj Kiran, M. Vikneswaran, , P. Rajakrishnamoorthy, S. Prasanna Raj Yadav, "Impact of fuel injection pressure on the engine characteristics of CRDI engine powered by Pine oil biodiesel blend.", Fuel, Volume 264, Number 1, Mar 2020, pp. 116760-116767. https://doi.org/10.1016/j.fuel.2019.116760.
5. A. Velavan, CG. Saravanan, M. Vikneswaran, , "The Impact of Formation of Oxide Layer on the Piston Crown Using Micro - Arc Oxidation on the Characteristics of the Spark Ignition Engine.", Key Engineering Materials, Volume 813, Number 1, Jul 2019, pp. 31-36. 10.4028/www.scientific.net/KEM.813.31.
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Journal of Ambient Energy, Volume -, Number -, Apr 2018, pp. 1-16. / https://doi.org/10.1080/01430750.2018.1456967.

9. M. Thirunavukkarasu, R. Ravindran, C. G. Saravanan, N. Rajamanickam, C. Syed Aalam, Karu Ragupathy, "Synthesis and characterization of gaseous fuel from Jatropha oil through catalytic reactor and its performance in DI diesel engine.", *Journal of Thermal Analysis and Calorimetry*, Volume -, Number -, Sep 2018, pp. 1-11. 2018 / https://doi.org/10.1007/s10973-018-7725-6.

10. K. Raj Kiran, S.Prasanna Raj Yadav, C. G. Saravanan, E. James Gunasekaran ,Ramesh Perumal , "Computational Analysis of Combustion, performance and Emission Characteristics on DI Diesel Engine with Variable Intake Geometries.", *Journal of Advanced Research in Dynamical System and Control System*, Volume Special, Number 14, Nov 2017, pp. 465-476. 2017.

11. K. Raj Kiran, C. G. Saravanan, E. James Gunasekaran , "An Analysis on Effects of Performance, Combustion and Emission for Various Intake Flow in a DI Diesel Engine..", *International Journal for Advanced Engineering Research Development,*, Volume 4, Number 12, Dec 2017, pp. 324-331. 2017.

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