

Selected publication

1. G.Balaji and M.Cheralathan. "Influence of alumina oxide nanoparticles on the performance and emissions in a methyl ester of neem oil-fuelled DI diesel engine", Thermal Sciences, 21, (1B), 499-510, 2017. Impact Factor: 1.093.
2. G.Balaji and M.Cheralathan. "Experimental investigation of varying the fuel injection pressure in a direct injection diesel engine fuelled with methyl ester of neem oil", Taylor and Francis. International Journal of Ambient Energy, 38 (4), 356-364, 2017. SNIP: 0.450.
3. G.Balaji, D.Premnath, Bhushan V Deshmukh, Vaibhav D Ghadage and Suraj Salvi. "Emission NO_x control by using SCR for off road engine", Journal of Chemical and Pharmaceutical Sciences, Special Issue 2: February 2017, 121-125. SNIP: 0.156.
4. G.Balaji and M.Cheralathan. "The effect of antioxidant additives with methyl ester of neem oil on the oxidation stability", Taylor and Francis. Energy Sources, Part A: Recovery, Utilization, and Environmental, 38 (16), 2454–2461, 2016. Impact Factor: 0.555.
5. . G.Balaji and M.Cheralathan. "Experimental investigation to reduce exhaust emissions in a single cylinder CI engine fuelled with methyl ester of neem oil using antioxidant (L-ascorbic acid)", Taylor and Francis: Biofuels, 7 (3), 305-312, 2016. Impact Factor: 0.784.
6. G.Balaji and M.Cheralathan. "Effect of compression ratio in a direct injection compression ignition engine fuelled with methyl ester of neem oil : Experimental Study", International Journal of Control Theory and Applications, 9 (37), 325-232, 2016. SNIP: 1.466.
7. R.Shankar and G.Balaji. "Experimental investigation on performance and emissions of CI engine using neem/diesel blend", Journal of Chemical and Pharmaceutical Sciences, 9 (4), 2602-2605, 2016. SNIP: 0.156.
8. V.Thirunavukkarasu, G.Balaji, and M.Sornanathan. "Experimental analysis of shell and tube thermal energy storage system with finned tube", Journal of Chemical and Pharmaceutical Sciences, 9 (4), 3138- 3141, 2016. SNIP: 0.156.
9. G.Balaji and M.Cheralathan, "Experimental investigation of antioxidant effect on oxidation stability and emissions in a methyl ester of neem oil fueled DI diesel engine", Elsevier. Renewable Energy, 74, 910-916, 2015. Impact Factor: 4.900.
10. G.Balaji and M.Cheralathan. "Simultaneous reduction of NO_x and HC emissions in a CI engine fuelled with methyl ester of neem oil using ethylenediamine as antioxidant additive", Taylor and Francis. Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 37 (24), 2684-2691, 2015. Impact Factor: 0.555.