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Total Experience (in years): 17

Research Area: Product design, Biofuels, Alternate fuel, Plastic oil



Recent Publications:

1. Balaji, D., M.Balachandar, "Dataset for compression ignition engine fuelled with corn oil methyl ester biodiesel ", Data in Brief, 2019. (SCOPUS)
2. Gananasekaran, K., Balachandar, M., "Synthesis and evaluation of polyurethane foam composites for enhanced sound absorption at low frequency ", International Journal of Recent Technology and Engineering, 2019. (SCOPUS)
3. Kaimal, V.K., Vijayabalan, P., Balachandar, M., ""Effect of using plastic nanofuel as a fuel in a light-duty diesel engine ", Heat Transfer - Asian Research, 2019. (SCOPUS)
4. Prabakaran, B., Vijayabalan, P., Balachandar, M, "An assessment of diesel ethanol blend fueled diesel engine characteristics using butanol as cosolvent for optimum operating parameters ", Energy Sources, Part A: Recovery, Utilization and Environmental Effects,2019. (SCOPUS).
5. Prabakaran, B., Vijayabalan, P., Balachandar, M, "Experimental Investigation of Ethanol-Diesel-Butanol Blends in a Compression Ignition Engine by Modifying the Operating Parameters ", SAE International Journal of Engines, 2018. (SCOPUS).