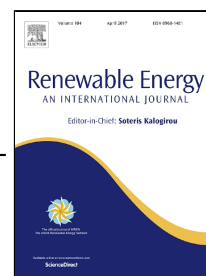


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An Experimental Study on the Performance and Emission Characteristics of PCCI-DI Engine Fuelled with Diethyl ether-Biodiesel-Diesel Blends

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HIGHLIGHTS

- Performance of PCCI-DI engine with DEE, CSO biodiesel and diesel blends was studied.
- NO_x , smoke and HC emissions are lower for 65% Diesel-20% Biodiesel-15% Diethyl ether blend.
- Increase of Brake thermal efficiency of 13% was observed for the blend in PCCI-DI mode.

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