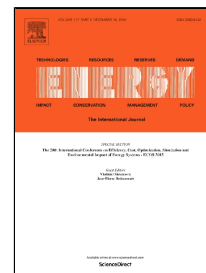


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Experimental investigation of a spark ignition engine fueled with acetone-butanol-ethanol and gasoline blends

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- ABE (acetone-butanol-ethanol) was used as a green alternative fuel.
- ABE-gasoline blends with various ratios of ABE, ABE component and water were test.
- Combustion, performance and emissions characteristics were investigated.
- Adding ABE into gasoline can enhance BTE and reduce CO, UHC and NO_x emissions.

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