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Characterization of homogenous acid catalyzed biodiesel production from palm oil: experimental investigation and numerical simulation

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Environmental Science and Pollution Research

Aims and scope

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Abstract

Biodiesel is a biological renewable source produced from the conversion of triglycerides to alkyl esters. Palm oil is one of the most used lipid feedstocks for biodiesel production. It becomes necessary to optimize the transesterification reaction parameters to reduce the cost