

Preparation and Testing of oxide catalysts for FT and DME synthesis in microreactors for potential future application in an integrated biorefining concept - *Oxford University + IMM*

In order to ensure the competitiveness and sustainability of the processes to produce fuel and chemicals from biomass, critical technologies need to be developed. On the energy side new methods are currently being developed to convert biomass into so called second generation biofuels in which feedstock doesn't compete with food production and which will produce heat and electricity. The other approach is to crack the components of biomass in order to produce chemicals and materials.

For a copy of the full paper please contact the corresponding author at oconnell@imm-mainz.de