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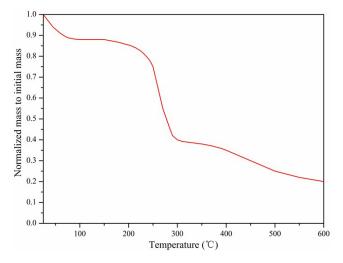
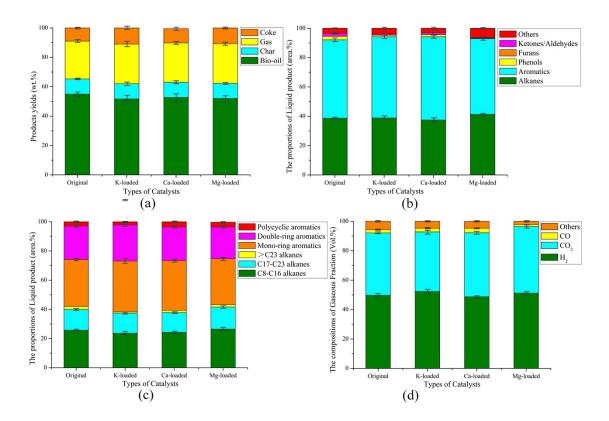


Fig.S1. Thermogravimetric curve of wheat straw (Nitrogen flow rate of 50 ml/min with a ramp of 60



°C/min)

Fig.S2. Products yields (a), compositions of liquid products (b), hydrocarbons (c) and gaseous products
(d) over different types of activated carbon catalysts (Temperature = 550°C, Catalyst to feedstock ratio
= 1:1 and LDPE to wheat straw ratio = 1:1)