

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

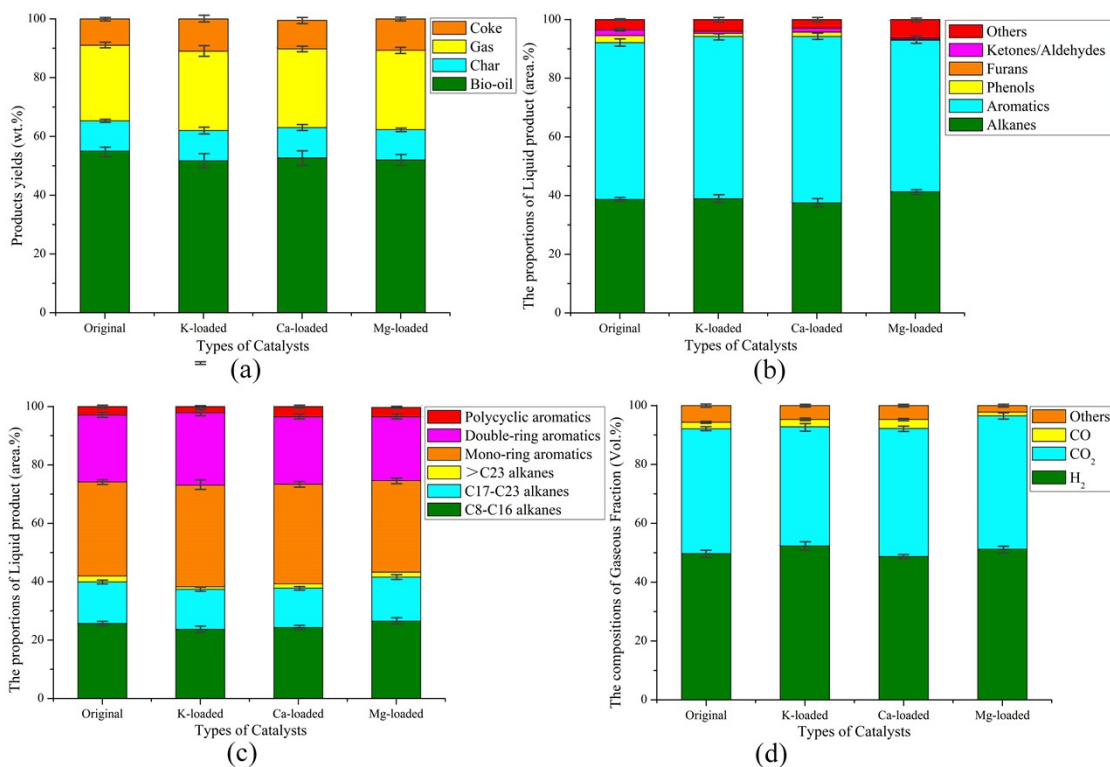


Fig.S2. Products yields (a), compositions of liquid products (b), hydrocarbons (c) and gaseous products (d) over different types of activated carbon catalysts (Temperature = 550°C, Catalyst to feedstock ratio = 1:1 and LDPE to wheat straw ratio = 1:1)