

Electronic Supplementary Material (ESI) for Green Chemistry.
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Electronic Supplementary Information

**Efficient catalytic conversion of lignocellulosic biomass into
renewable liquid biofuels *via* furan derivatives**

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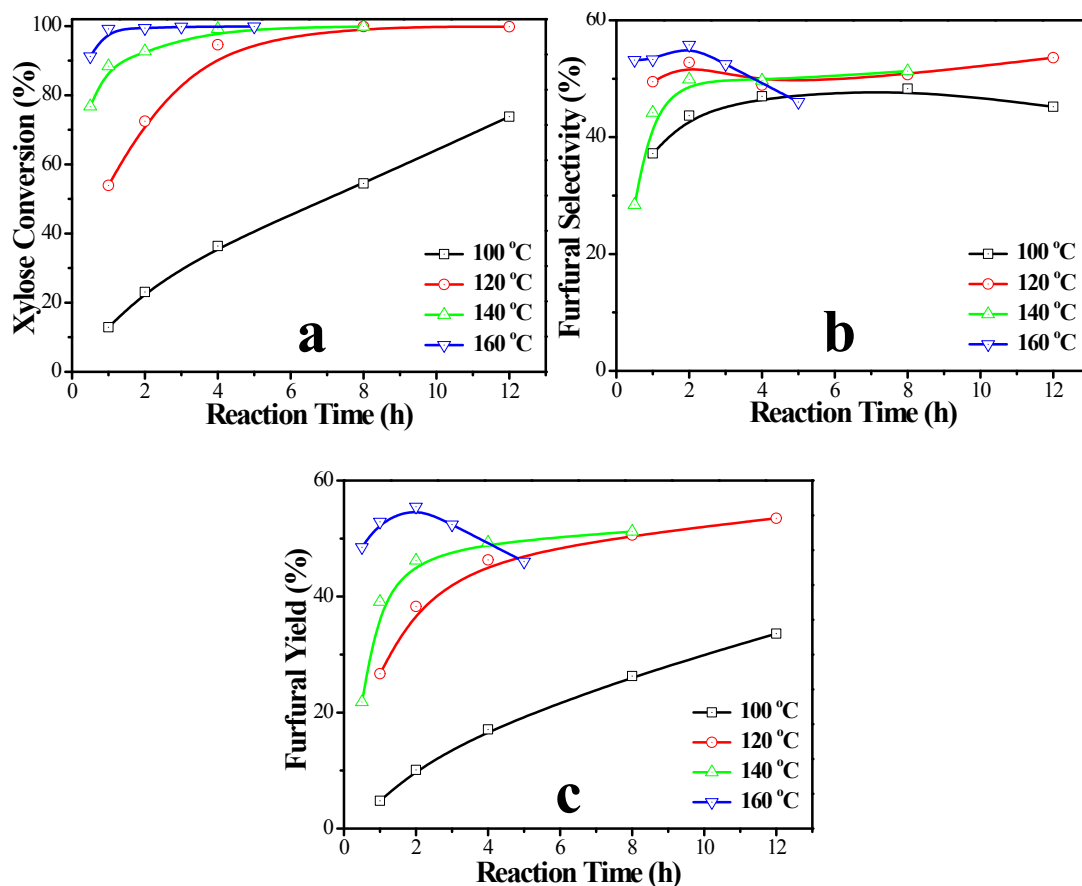


Fig. S1 Time profiles for xylose conversion (a), furfural selectivity (b) and yield (c) with Sn-Mont catalyst at different temperatures. Reaction conditions: xylose (0.2 g, about 16.7 wt.% xylose solution calculated in aqueous phase on a salt free basis), Sn-Mont (0.1 g), THF (5 mL), H₂O saturated with NaCl (1 mL).

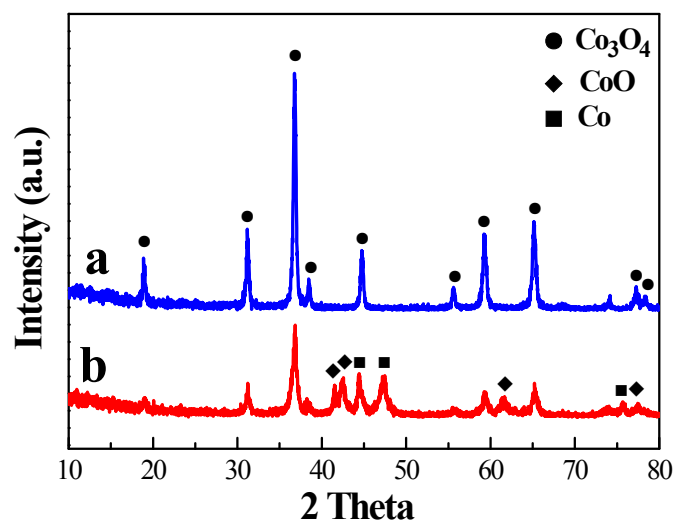


Fig. S2 XRD pattern of 3.5 wt.% Ru/ Co_3O_4 catalyst before (a) and after (b) the hydrogenolysis reaction.