

Electronic Supplementary Information (ESI)

Triple nano-composites of CoMn_2O_4 , Co_3O_4 and reduced graphene oxide for oxidation of aromatic alcohols

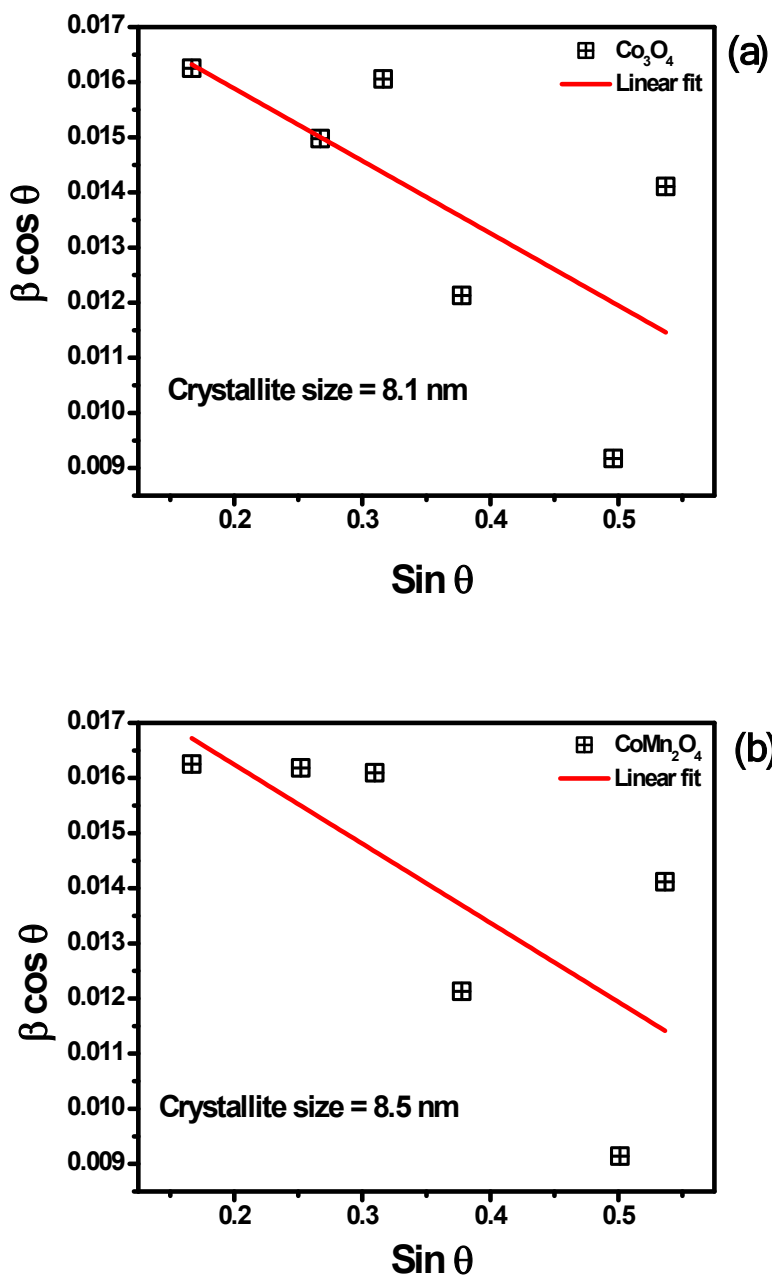


Fig. S1 Williamson-Hall analysis for crystallite size measurement of Co_3O_4 (a) and CoMn_2O_4 (b) phases present in RGO-MnCoO.

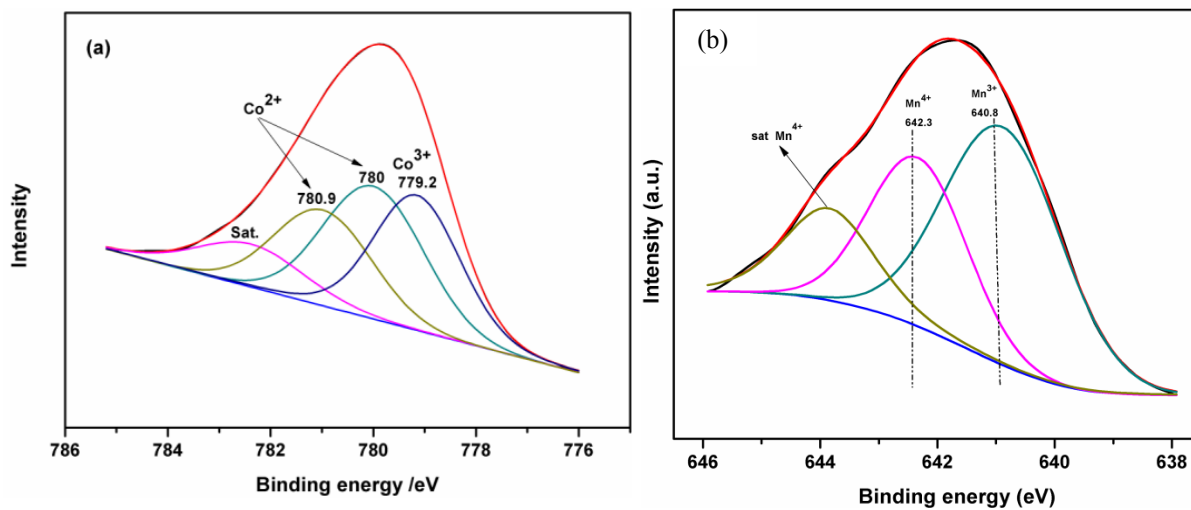


Fig. S2 XPS of Co 2p_{3/2} and Mn 2p_{3/2} of MnCo-MO.

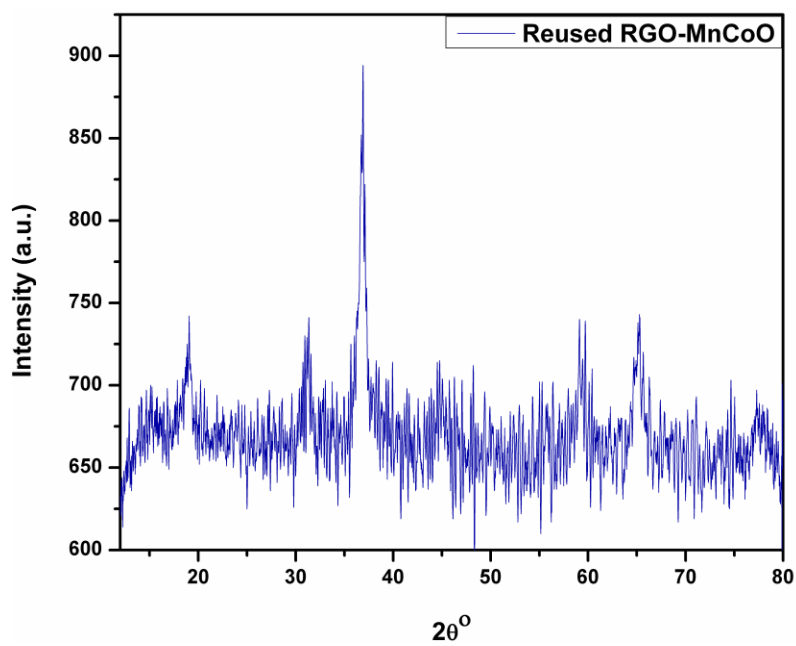


Fig. S3 XRD patterns of reused RGO-MnCoO catalyst.

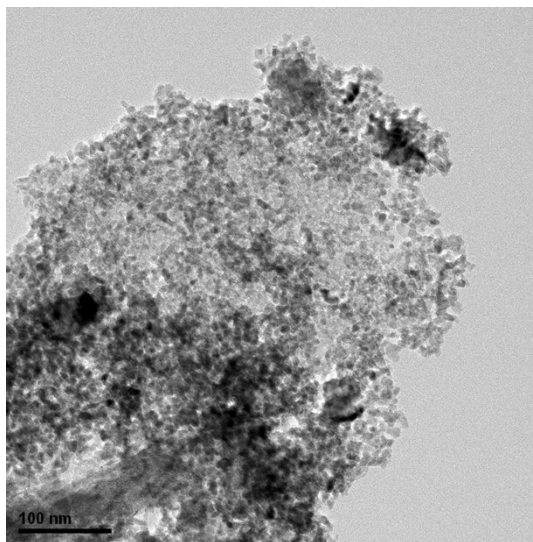


Fig. S4 HR-TEM image of reused RGO-MnCoO catalyst.

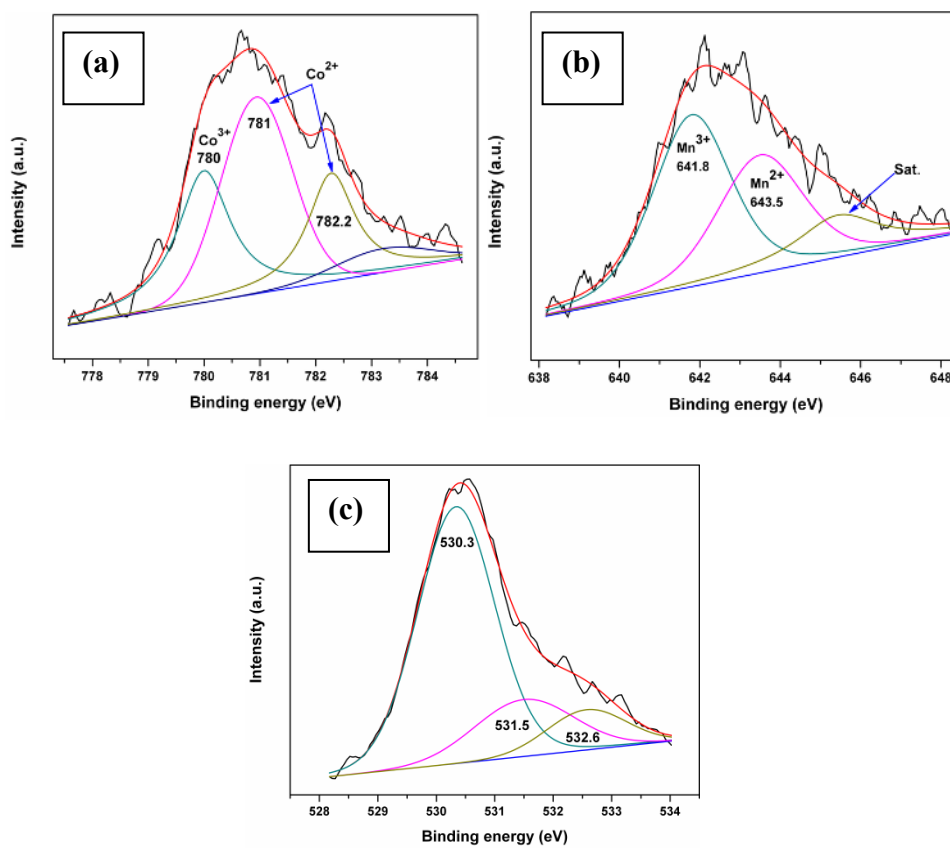


Fig. S5 XPS plots of (a) Co 2p_{3/2}, (b) Mn 2p_{3/2} and (c) O1s of reused RGO-MnCoO catalyst.