

Electronic Supplementary Information (ESI)

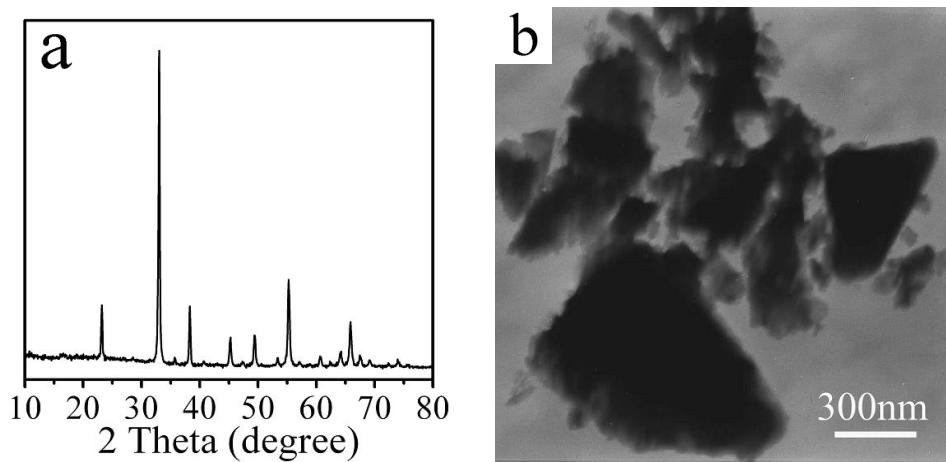


Figure S1. XRD pattern (a) and TEM image (b) of the Mn_2O_3 obtained by heating MnO_2 in air atmosphere at $650\text{ }^\circ\text{C}$ for 20 h..

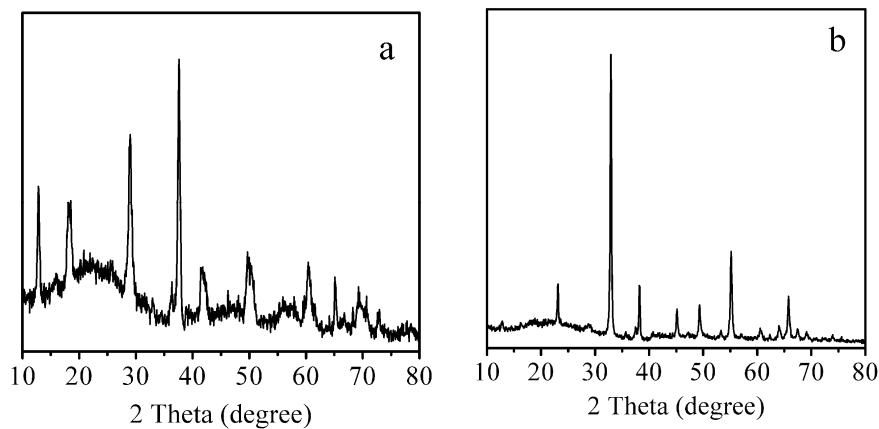


Figure S2. XRD patterns of the prepared $\text{Na}_2\text{Mn}_8\text{O}_{16}$ (a) and the mixture of Mn_2O_3 and $\text{Na}_2\text{Mn}_8\text{O}_{16}$ with the weight ratio of $w_{\text{Mn}_2\text{O}_3} / w_{\text{Na}_2\text{Mn}_8\text{O}_{16}} = 9:1$ (b).

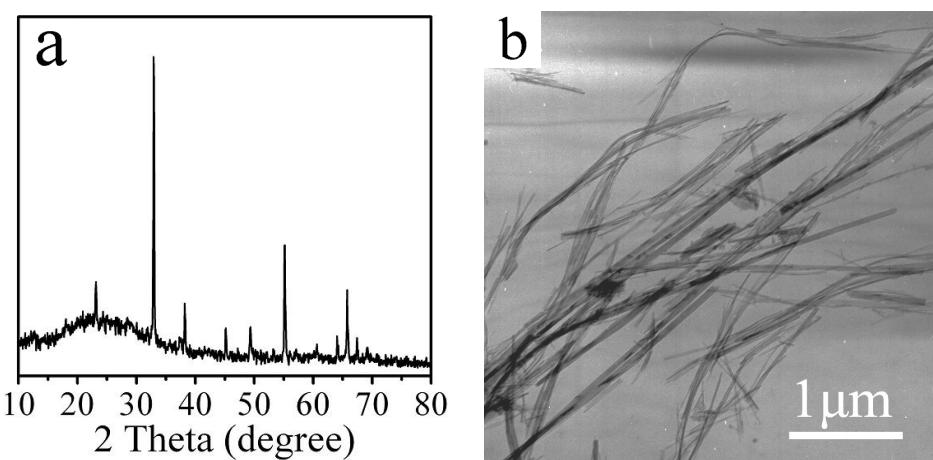


Figure S3. XRD pattern (a) and TEM image (b) of the Mn_2O_3 nanowires after the catalysis evaluation.