

Mn substituted $Mn_xZn_{1-x}Co_2O_4$ oxides synthesized by co-precipitation; effect of doping on the structural, electronic and magnetic properties

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Supporting information

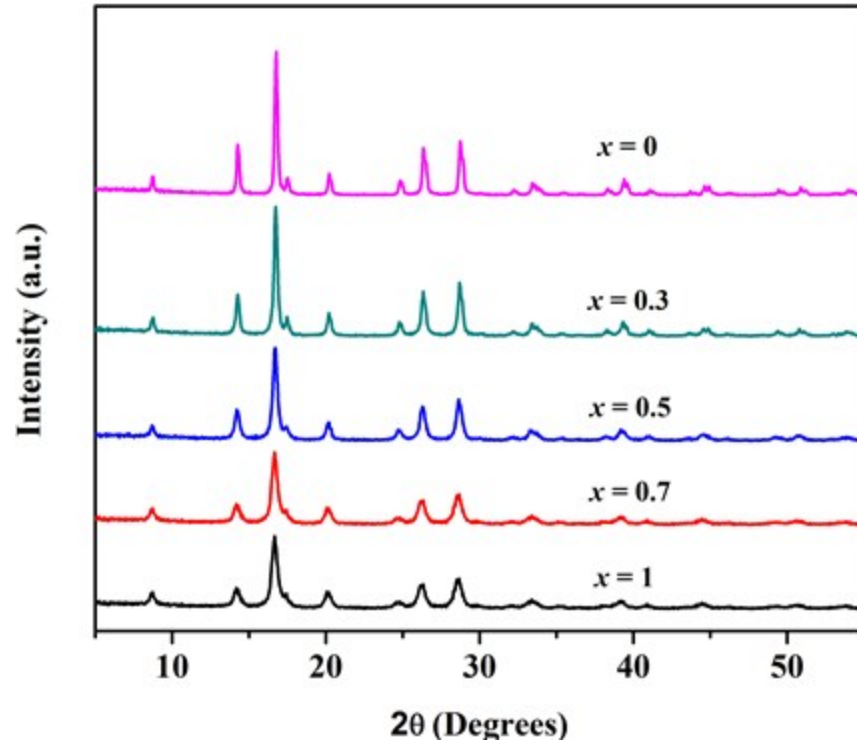


Fig. S-1: XRD pattern of $\text{Mn}_x\text{Zn}_{1-x}\text{Co}_2\text{O}_4$ measured using a D9 diffractometer (XRD; Mo $K\alpha 1$ radiation, $\lambda = 0.709321 \text{ \AA}$).

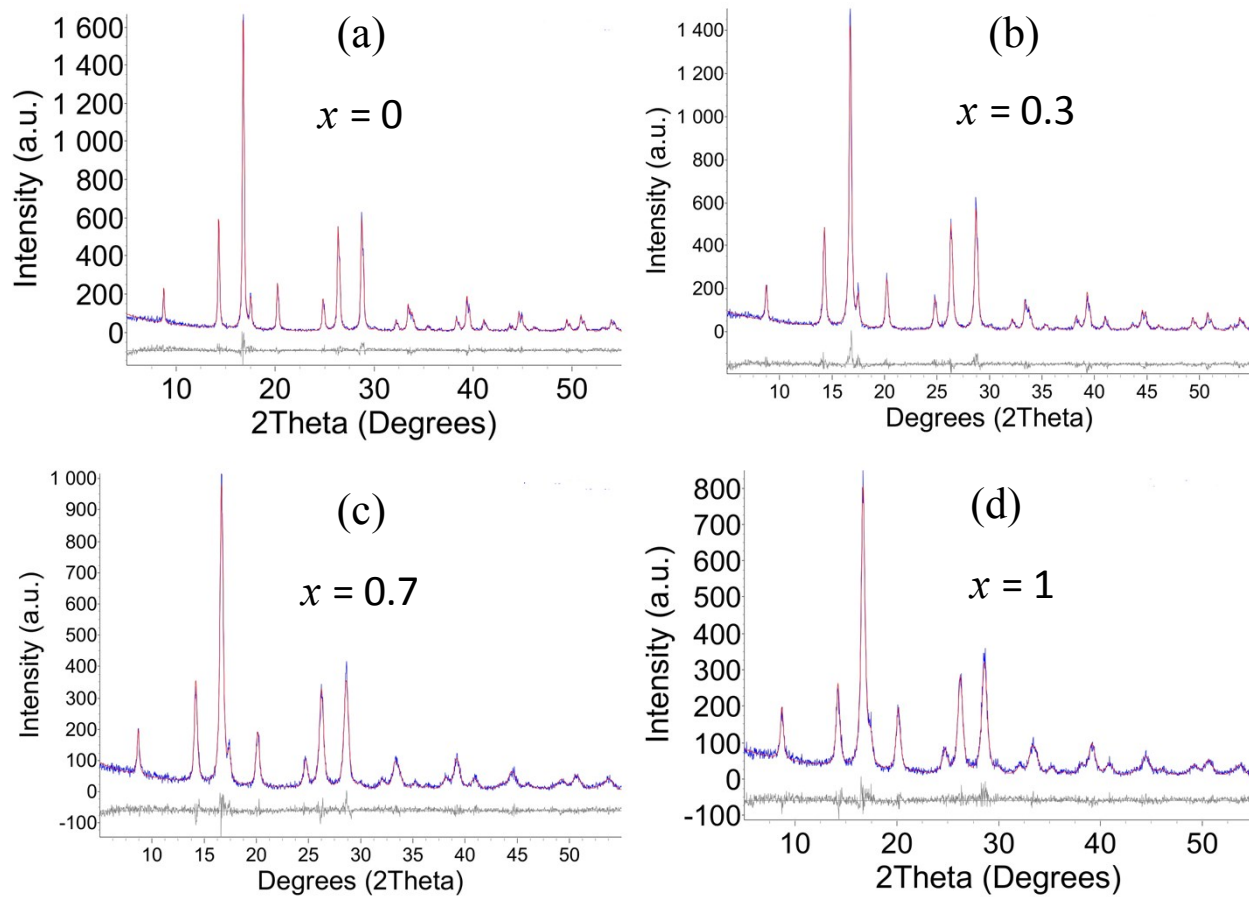


Fig. S-2: Rietveld refined XRD patterns for samples (a) ZnCo_2O_4 ($x = 0$), (b) $\text{Mn}_{0.3}\text{Zn}_{0.7}\text{Co}_2\text{O}_4$ ($x = 0.3$), (c) $\text{Mn}_{0.7}\text{Zn}_{0.3}\text{Co}_2\text{O}_4$ ($x = 0.7$), and (d) MnCo_2O_4 ($x = 1$)