

Supporting Information

Fig. S1 XRD patterns of HfO_2 ($x=0$) calcined at 500, 700, and 900 °C, respectively.

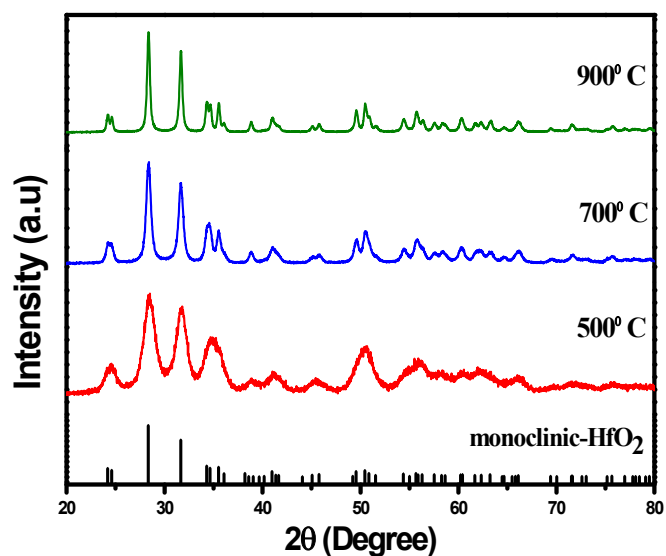


Fig. S2 M vs. H dependence measured at (a) 300 K and (b) 2 K for $\text{Hf}_{1-x}\text{Dy}_x\text{O}_2$ ($0 \leq x \leq 0.11$).

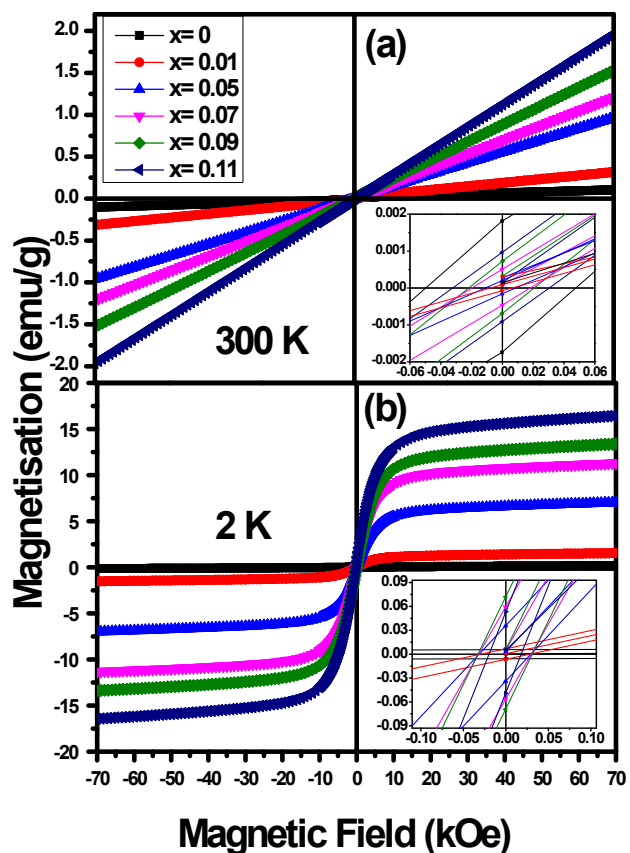


Fig. S3 Variation of χ^{-1} vs. T for $\text{Hf}_{1-x}\text{Dy}_x\text{O}_2$ ($0.01 \leq x \leq 0.11$).

