

SUPPORTING INFORMATION

Mg composition dependent band offset of $\text{Zn}_{1-x}\text{Mg}_x\text{O}/\text{ZnO}$ heterojunctions

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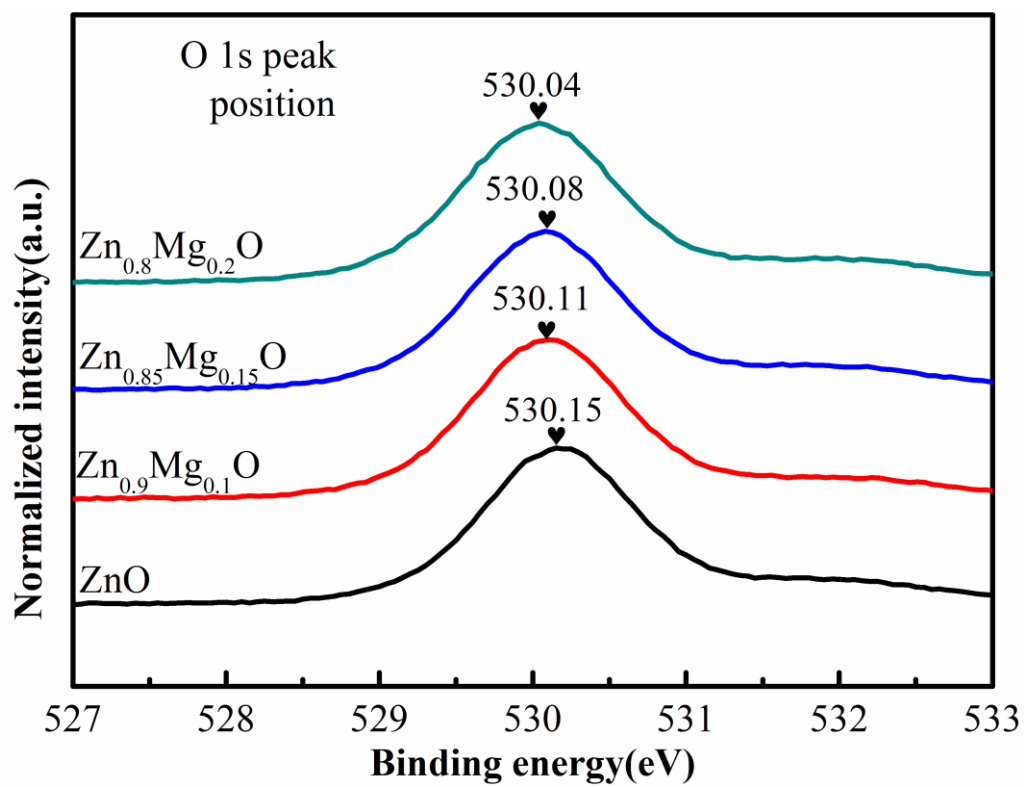


Fig. S1 O 1s peak position evolution for Zn_{1-x}Mg_xO films as a function of Mg composition.

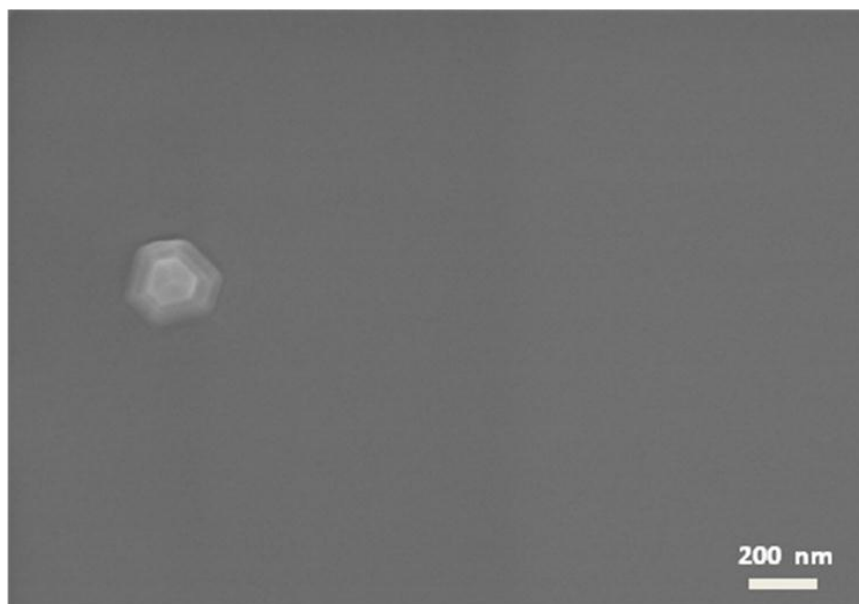


Fig. S2 SEM top image of a typical ZnO film.