

Luminescence Properties of Ho₂O₃-Doped Y₂O₃ Stabilized ZrO₂ Single Crystals

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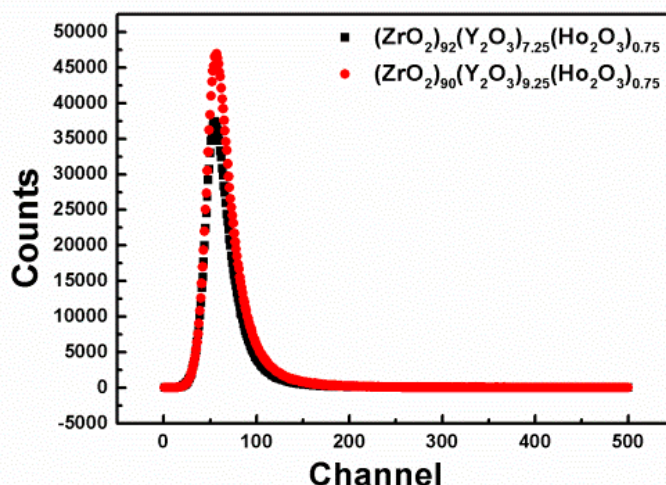
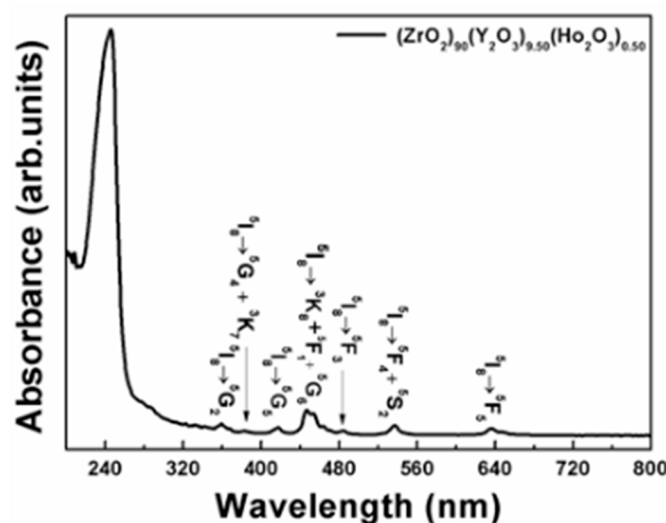


Figure S1. Positron annihilation lifetime spectra of $(\text{ZrO}_2)_{92}(\text{Y}_2\text{O}_3)_{7.25}(\text{Ho}_2\text{O}_3)_{0.75}$ and $(\text{ZrO}_2)_{90}(\text{Y}_2\text{O}_3)_{9.25}(\text{Ho}_2\text{O}_3)_{0.75}$ crystals.



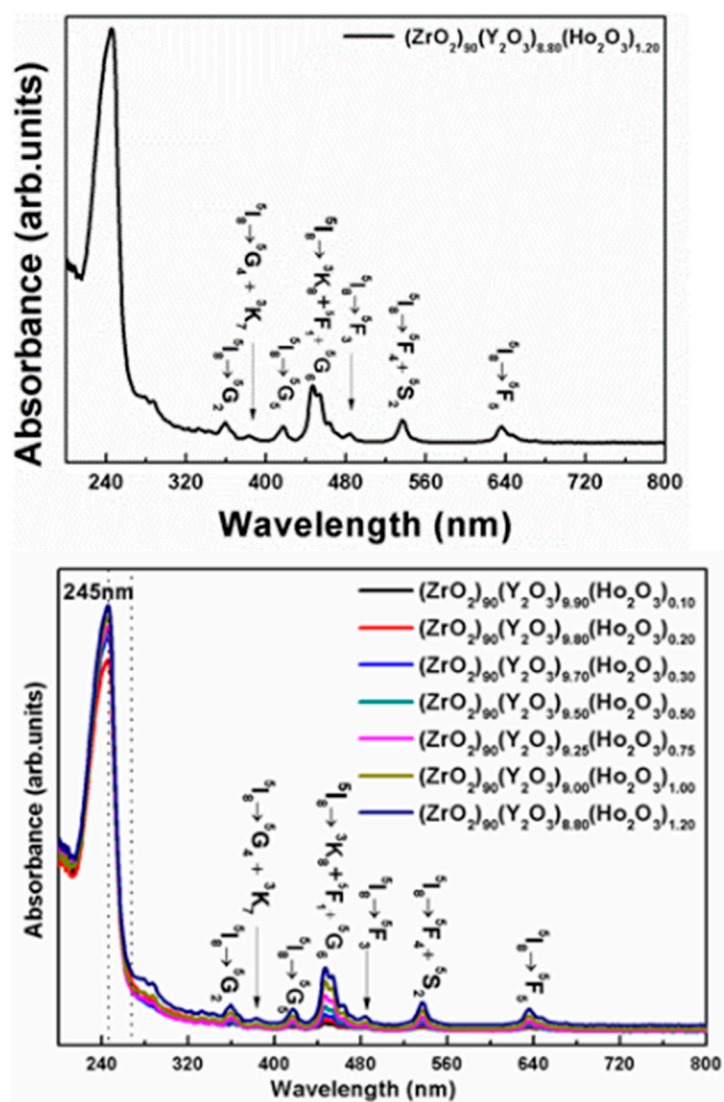


Figure S2. UV-vis absorption spectra of the $(\text{ZrO}_2)_{90}(\text{Y}_2\text{O}_3)_{10-x}(\text{Ho}_2\text{O}_3)_x$ crystal discs.