

Intense red upconversion luminescence and dynamical processes in $\text{Sc}_2\text{O}_3:\text{Yb}^{3+}, \text{Er}^{3+}$ nanostructure

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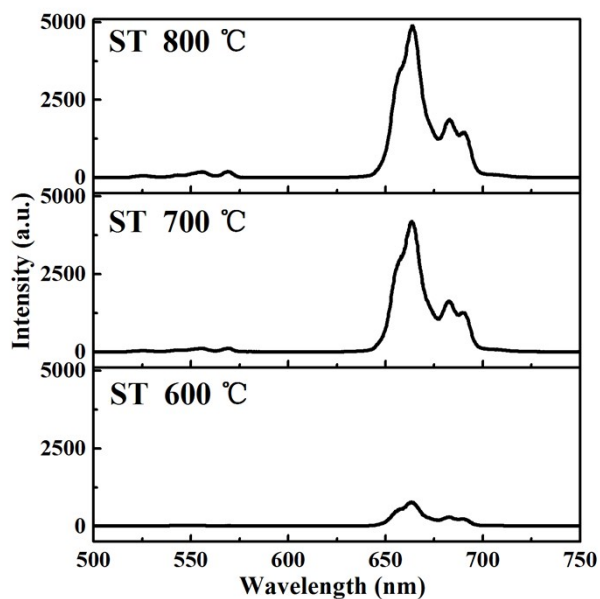


Fig. S1 UCL spectra of ST- $\text{Sc}_2\text{O}_3: 10\% \text{Yb}^{3+}, 1\% \text{Er}^{3+}$ samples at different annealed temperatures (600, 700, and 800 °C).