

## Supplementary Materials

### Structural, EPR and luminescence studies on SrSnO<sub>3</sub> nanorods doped with europium ions

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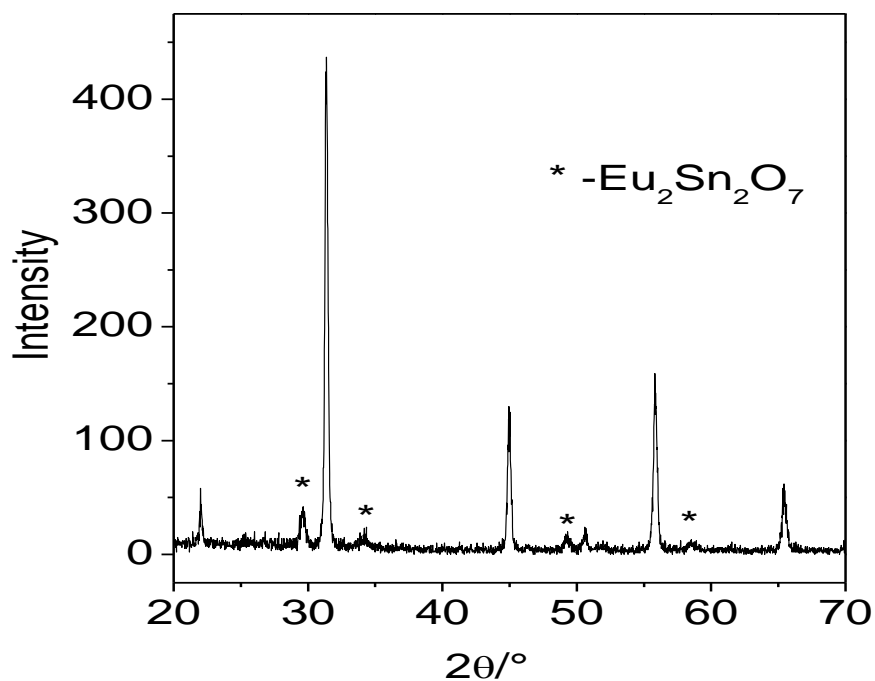
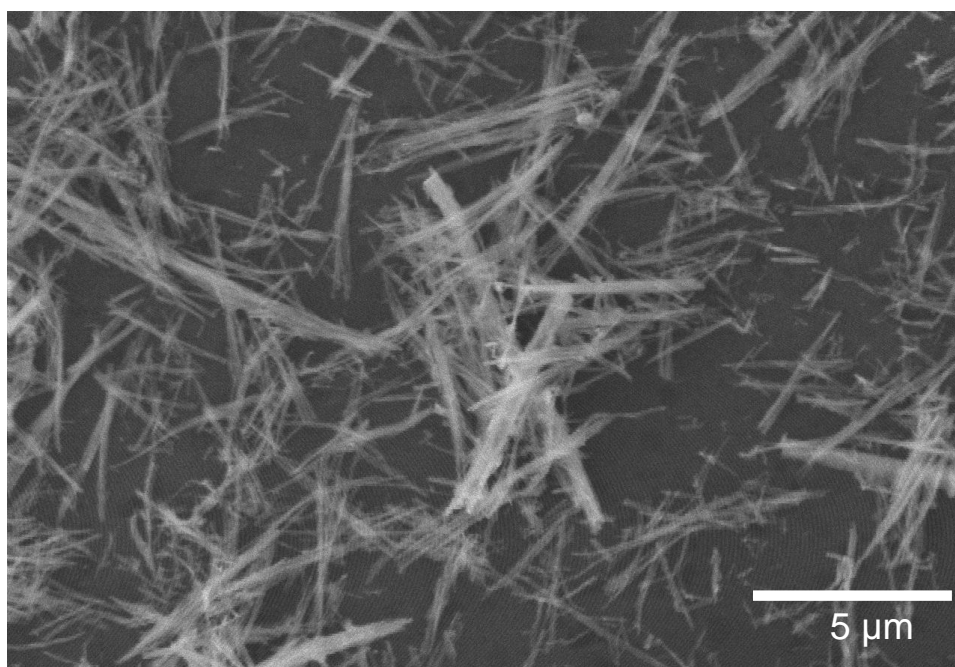
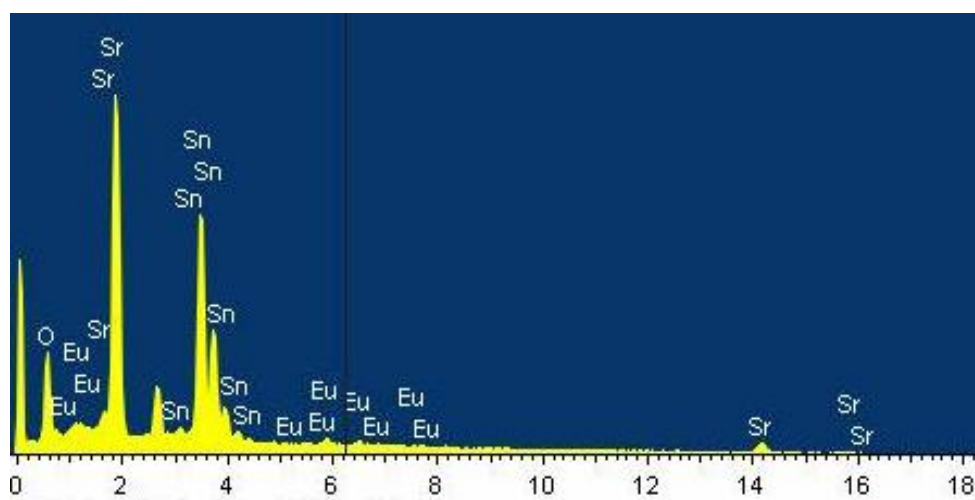


Figure 1. XRD patterns of SrSnO<sub>3</sub> nanorods containing 4 at % Eu<sup>3+</sup> ions. Peaks marked \* correspond to Eu<sub>2</sub>Sn<sub>2</sub>O<sub>7</sub> phase



(a)



(b)

Figure 2. SEM image (a) and EDX pattern (b) of SrSnO<sub>3</sub>:Eu(3%) sample

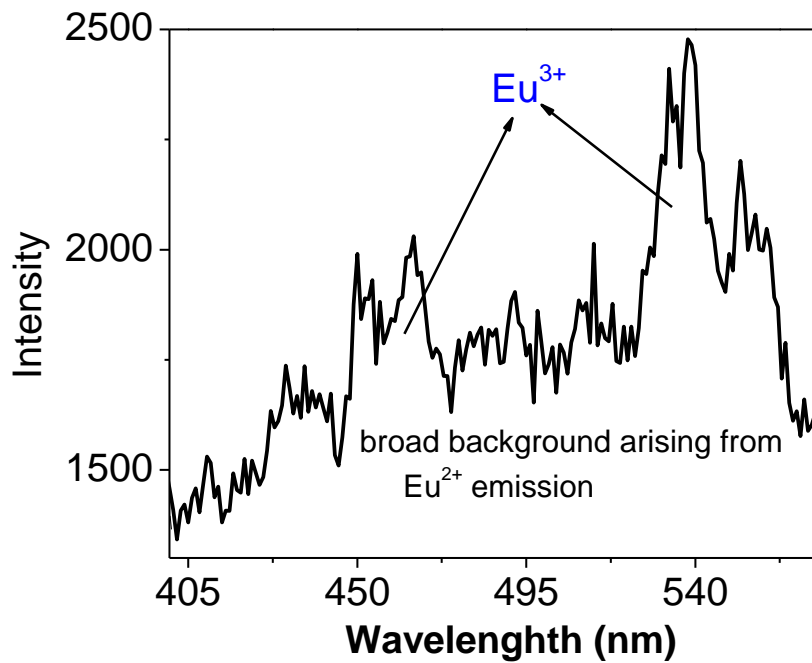


Figure 3. Emission spectrum from SrSnO<sub>3</sub>:Eu(1%) nanorods obtained after 305 nm excitation