

Supplementary Materials

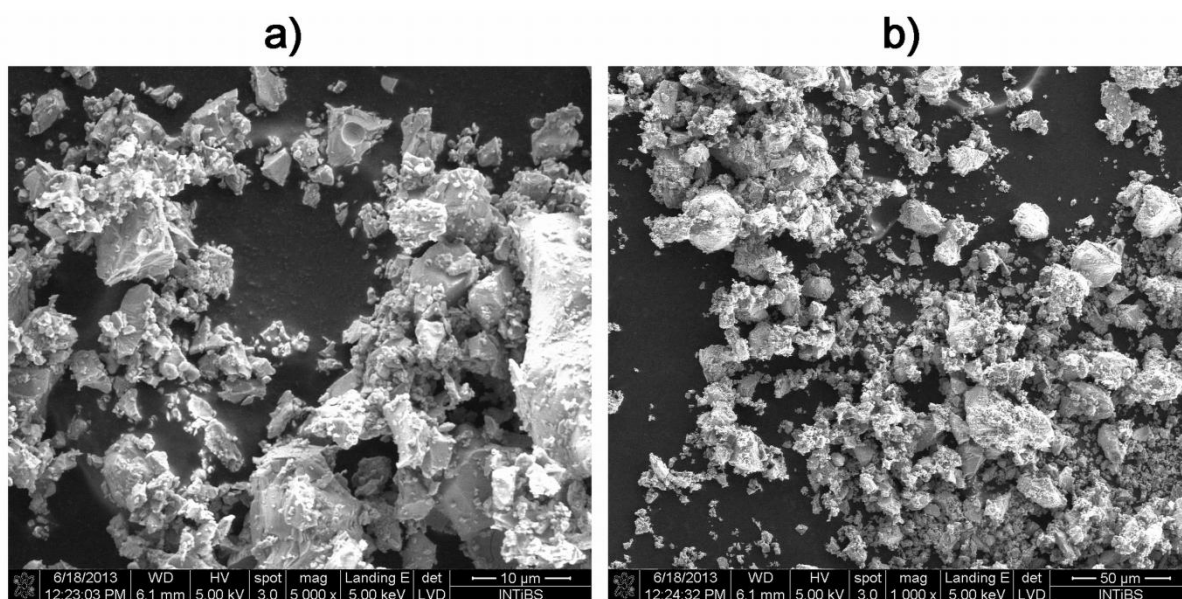


Figure 1_S. SEM images of $\text{KCa}(\text{PO}_3)_3$ doped with 5% of Eu^{3+} ions.

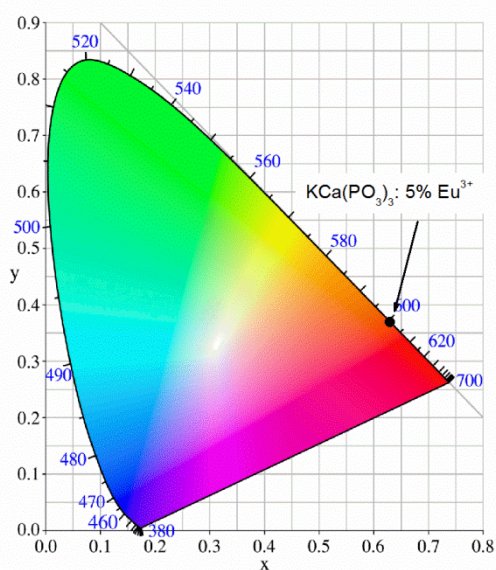


Figure 2_S. The CIE chromacity diagram of $\text{KCa}(\text{PO}_3)_3: 5\% \text{Eu}^{3+}$ under 395 nm excitation.

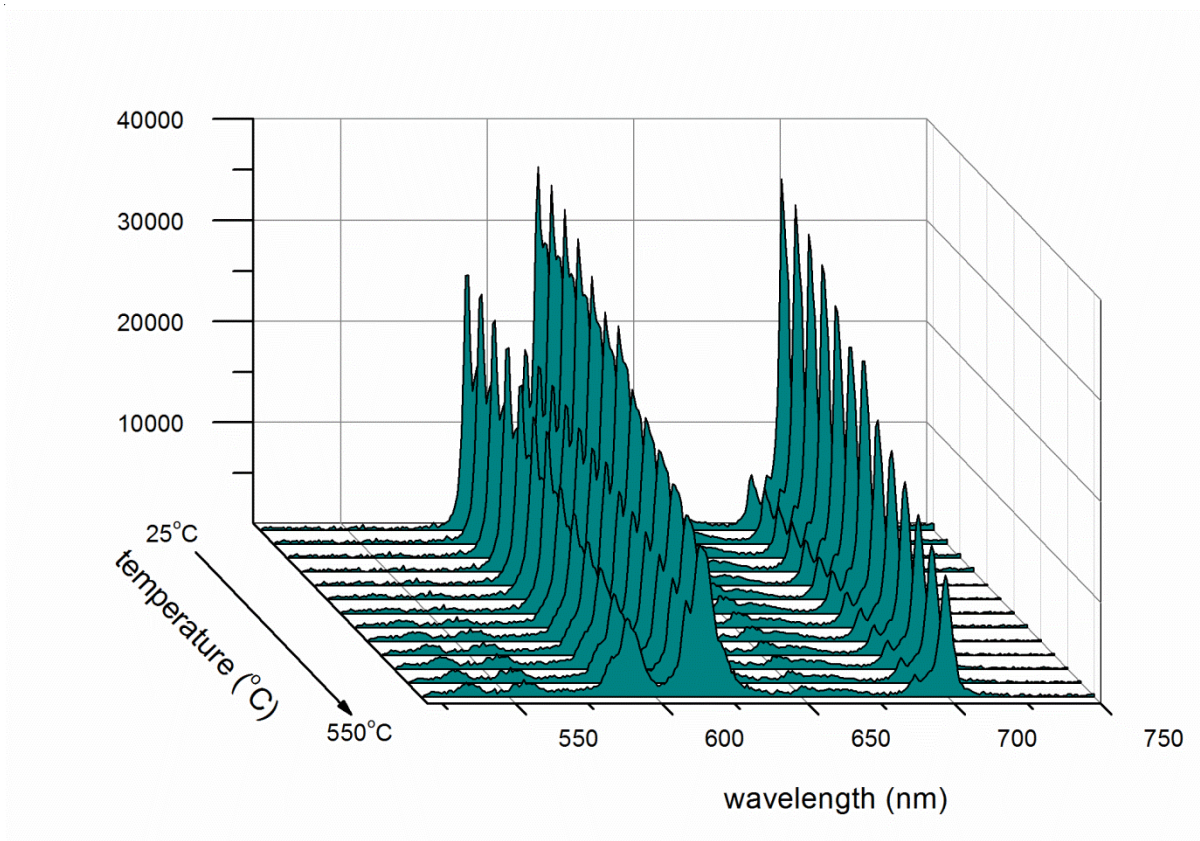


Figure 3_S. The emission spectra of KCa(PO₃)₃ doped with Eu³⁺ ions in function of surrounding temperature.