Na⁺ and Pr³⁺ co-doped orange-emitting CaYAl₃O₇ phosphors:

synthesis, luminescence properties and theoretical calculations

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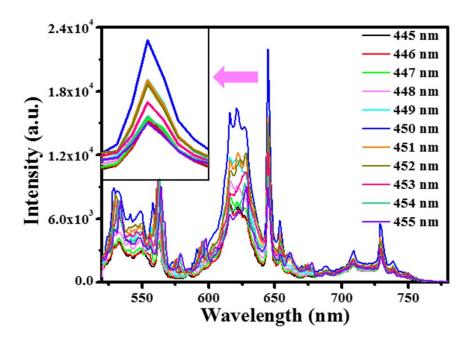


Fig. S1 Emission spectra of CYAO: 0.04Pr³⁺ with various excitation wavelengths ranging from 445 nm to 455 nm

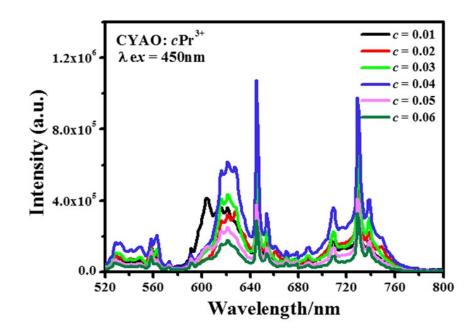


Fig. S2 Emission spectra of CYAO: Pr³⁺ with the various Pr³⁺ doping concentrations.

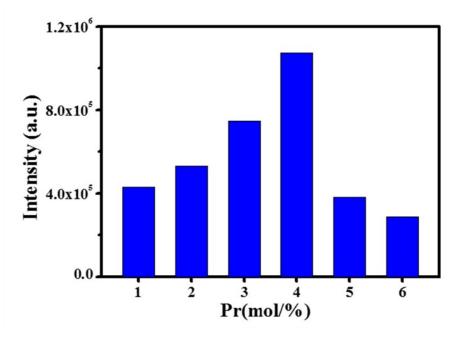


Fig. S3 Emission spectra of CYAO: Pr^{3+} with the various Pr^{3+} doping concentrations.