



Article

Enhancing the Relative Sensitivity of V^{5+} , V^{4+} and V^{3+} Based Luminescent Thermometer by the Optimization of the Stoichiometry of $Y_3Al_{5-x}Ga_xO_{12}$ Nanocrystals

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Appendix A

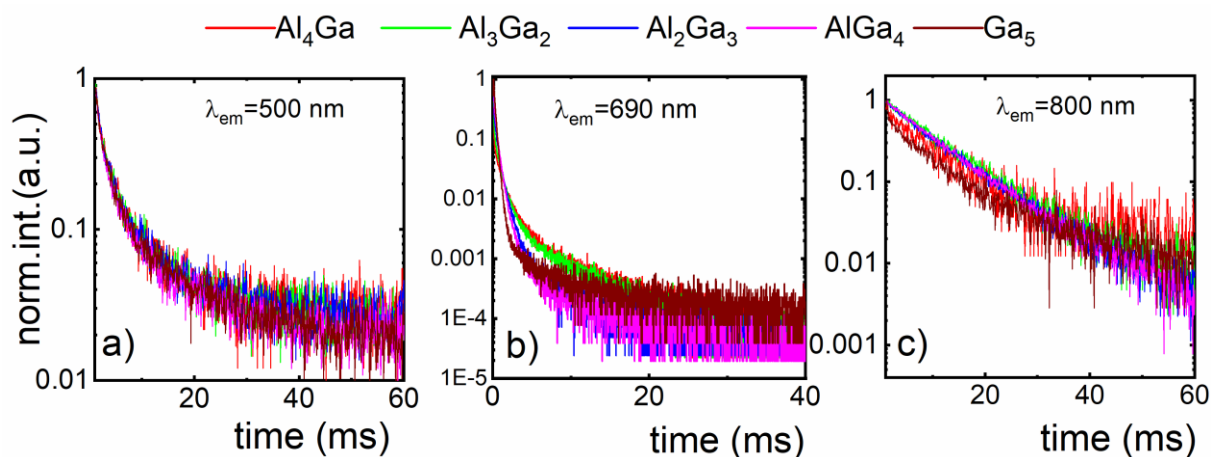


Figure S1. (a), (b), (c) The luminescence decay profile of V^{5+} , V^{4+} and V^{3+} ions for different Ga^{3+} , respectively.

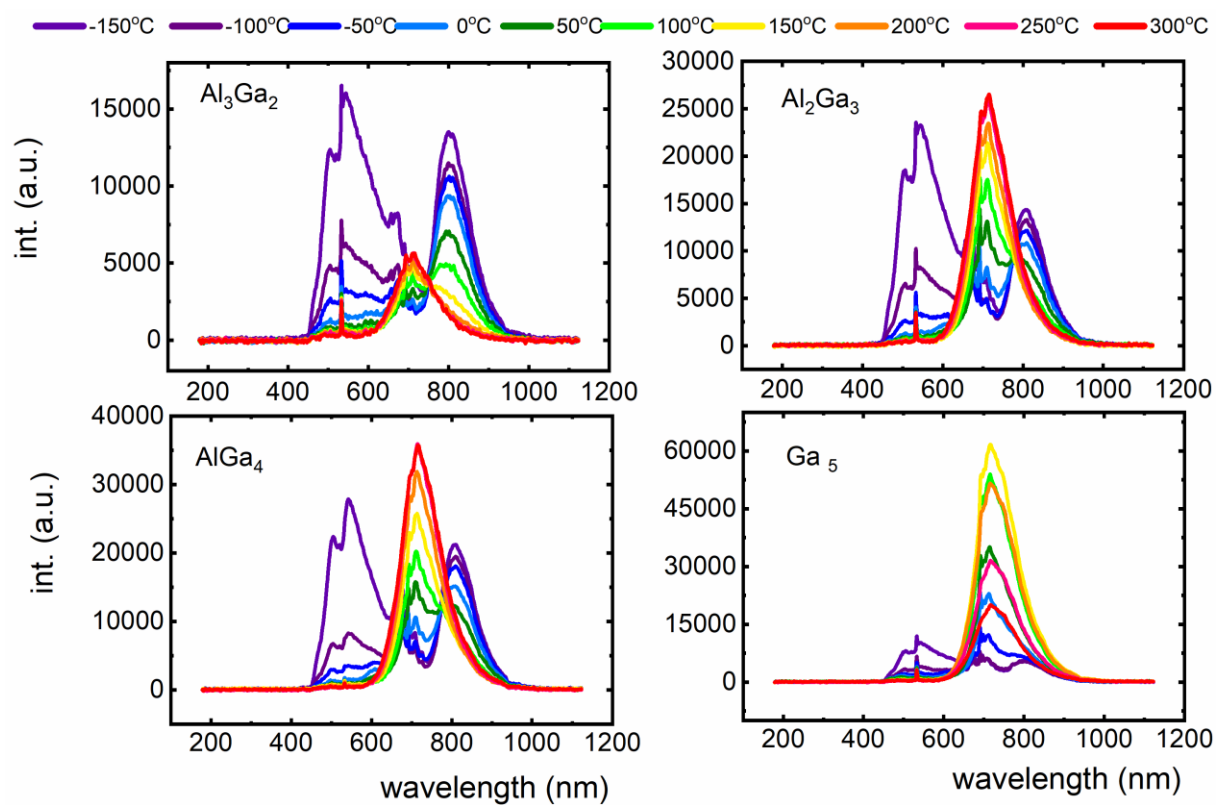


Figure S2. Emission spectra of V-doped nanocrystals recorded in the range of -150°C–300°C.