

Supporting Information

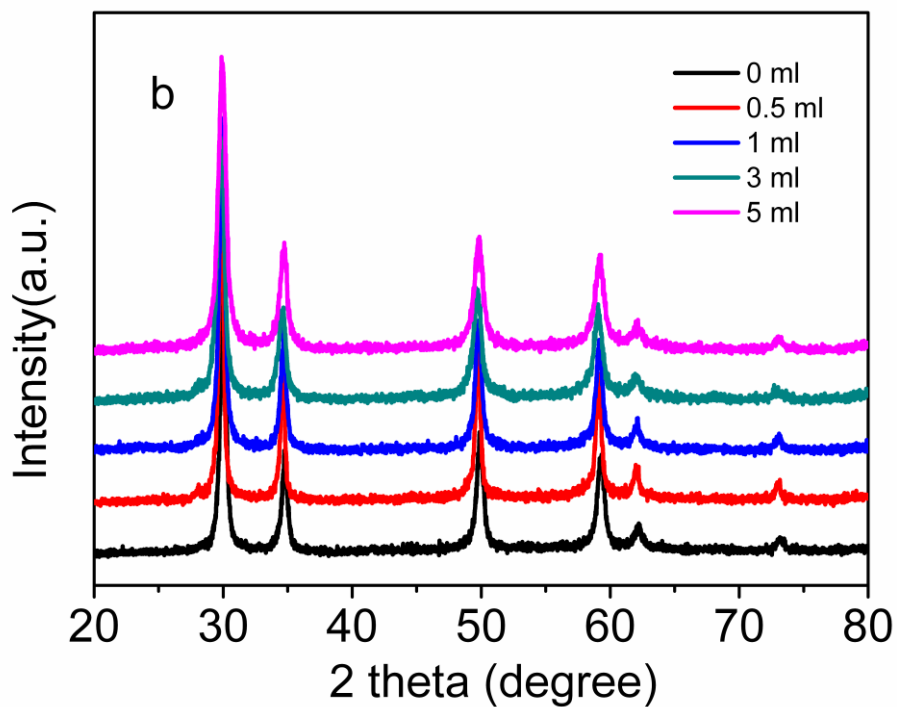
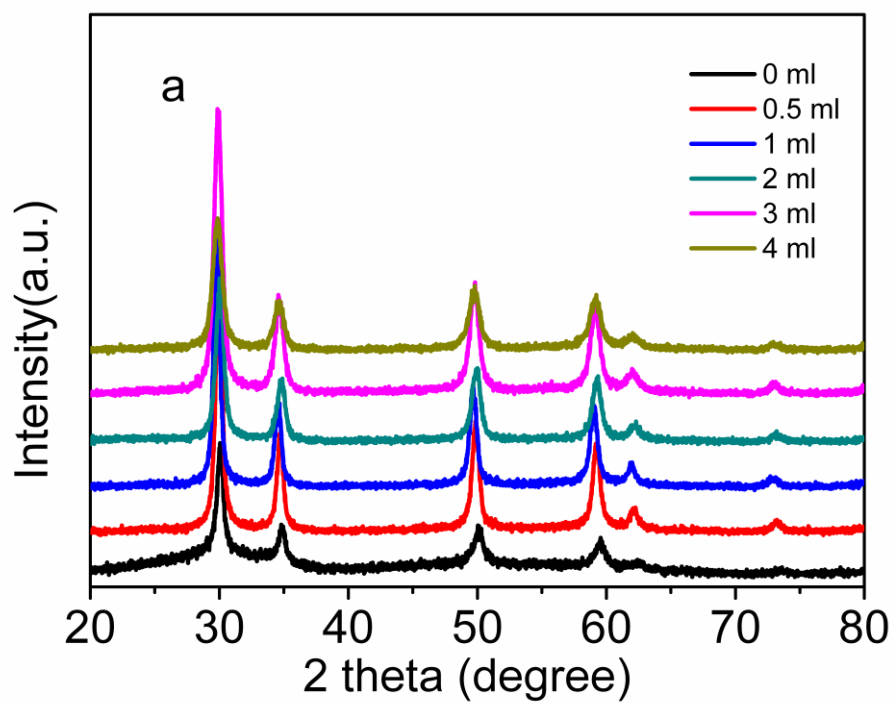
Hydrothermal synthesis and photoluminescence properties of rare-earth niobates and tantalates nanophosphors

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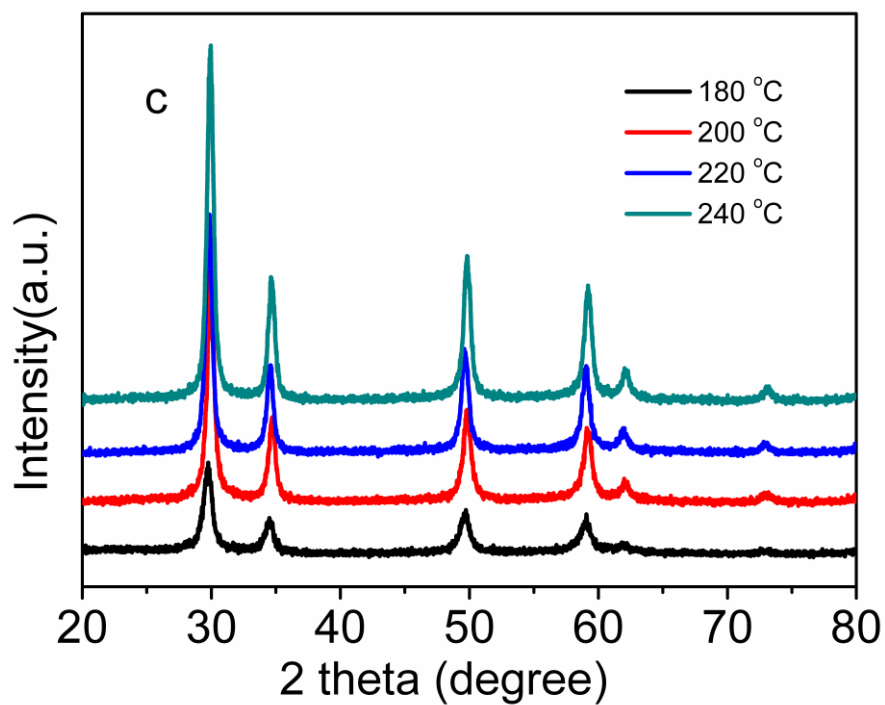


Figure S1. XRD patterns of Lu₃TaO₇ nanophosphors synthesized in (a) different alkalinities (4 M KOH 0-4 mL), (b) different amounts of citric acid (0-5 mL) and (c) different temperatures (180-240 °C).

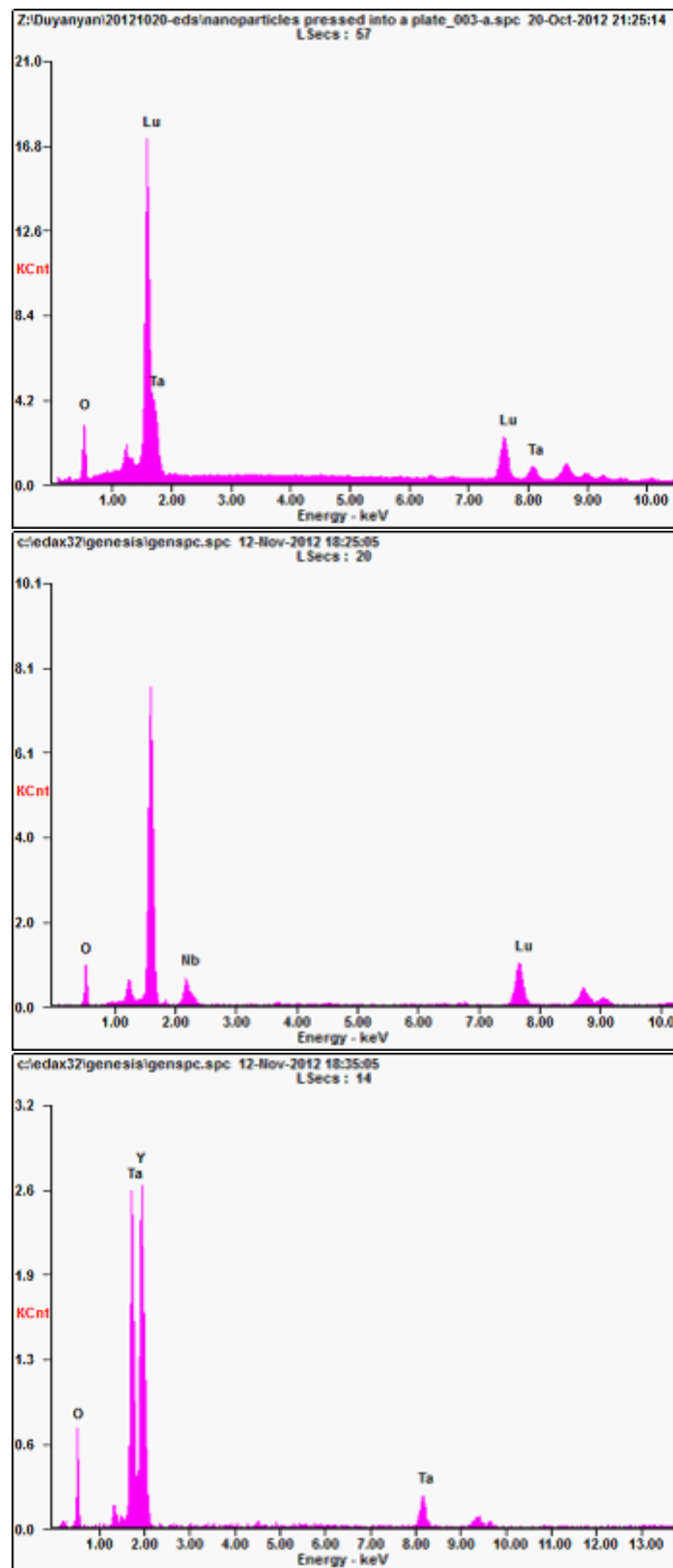


Figure S2. EDS spectra of Lu₃TaO₇, Lu₃NbO₇ and Y₃TaO₇ nanophosphors.