Electronic Supplementary Information

Influence of microwave hydrothermal reaction factor on morphology of NaY(MoO$_4$)$_2$ nano-/micro- structures and luminescence properties of NaY(MoO$_4$)$_2$·Tb$^{3+}$

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Figure S1 HRTEM images of samples prepared with different Cit³⁻/MoO₄²⁻/Ln³⁺: (a) 0.5/2/1, (b) 1/2/1, (c) 1.5/2/1, (d) 2/2/1, (e) 1.5/3/1, (f) 2/4/1. Ln³⁺ represents 2 mmol lanthanide ions (1.9 mmol Y(NO₃)₃ and 0.1 mmol Tb(NO₃)₃). The insets are the morphology of these samples.
Figure S2 (a), (c), (e) Emission spectra ($\lambda_{ex}=281\text{ nm}$) and (b), (d), (f) fluorescent decays of the sample with $\text{Cit}^{3-}/\text{Ln}^{3+}$ molar ratio of 1, 1.5 and 2 at different temperatures.