

Electronic Supporting Information for CrystEngComm

La(OH)₃:Eu³⁺ and La₂O₃:Eu³⁺ nanorod bundles: Growth mechanism and luminescent properties

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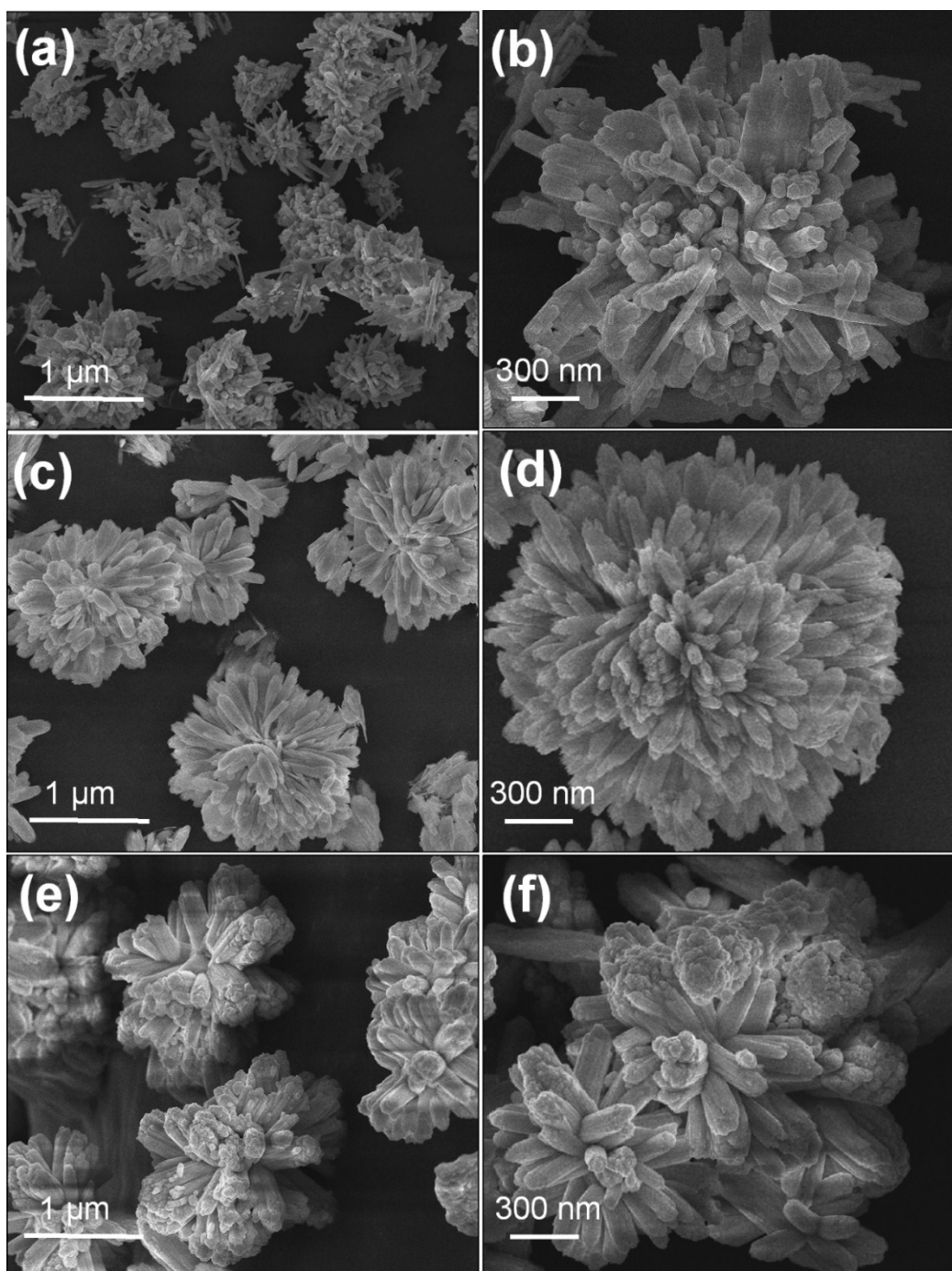


Fig. S1. FE-SEM images of the as-prepared $\text{La}(\text{OH})_3:0.05\text{Eu}^{3+}$ samples at different molar ratios of $\text{HMTA}/\text{La}(\text{NO}_3)_3$ (a & b) (0.5:1), (c & d) (1:1), (e & f) (1.5:1) for low- and high-magnification images, respectively.

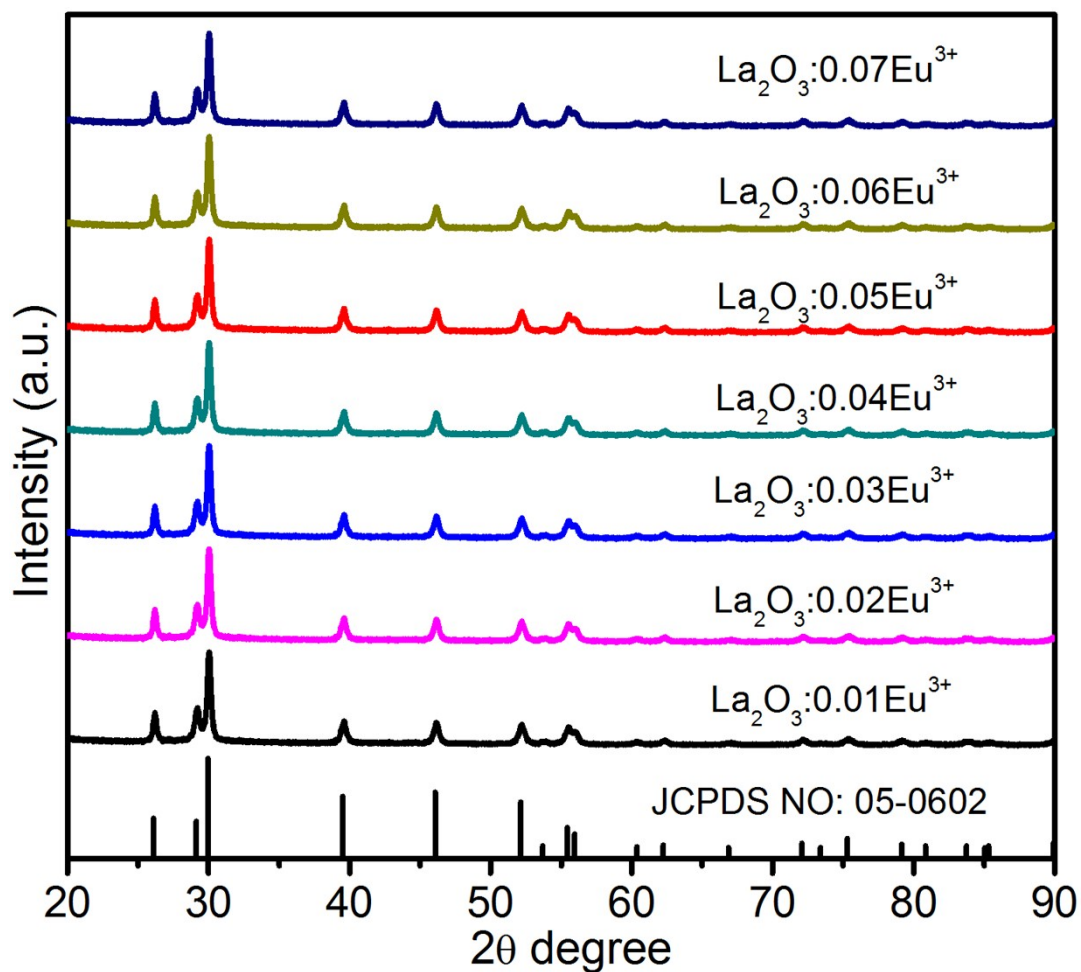


Fig. S2. XRD patterns of $\text{La}_2\text{O}_3:\text{Eu}^{3+}$ 3D flower-like nanorod bundles as a function of Eu^{3+} ion concentration.