

Electronic Supplementary Information (ESI)

Inorganic-Salt-Induced Morphological Transformation and Luminescent Performance of GdF₃ Nanostructures

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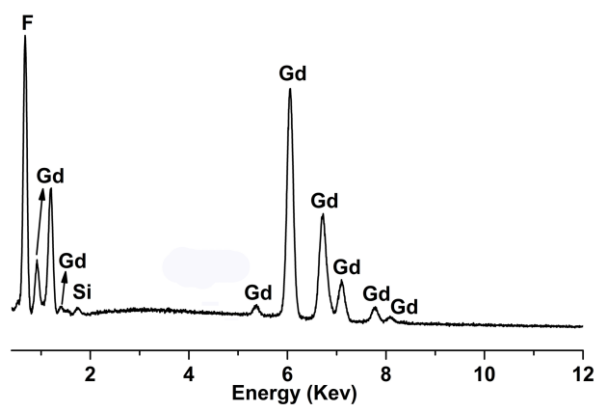


Fig. S1. The typical EDS spectrum of the GdF_3 prepared with BaCl_2

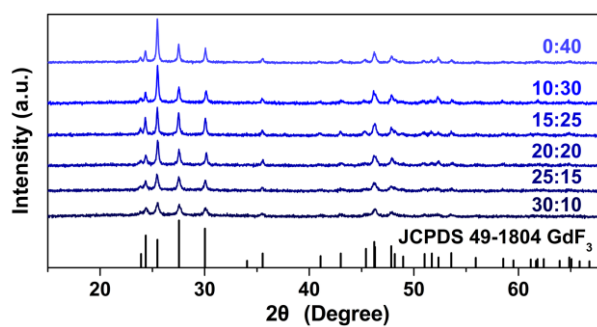


Fig. S2. XRD patterns of GdF_3 prepared without BaCl_2 at different EG/ H_2O ratios

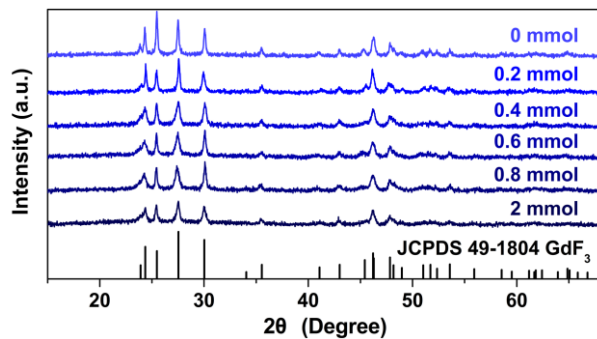


Fig. S3. XRD patterns of GdF_3 obtained with different amount of BaCl_2 at EG/ H_2O ratio of 20/20.

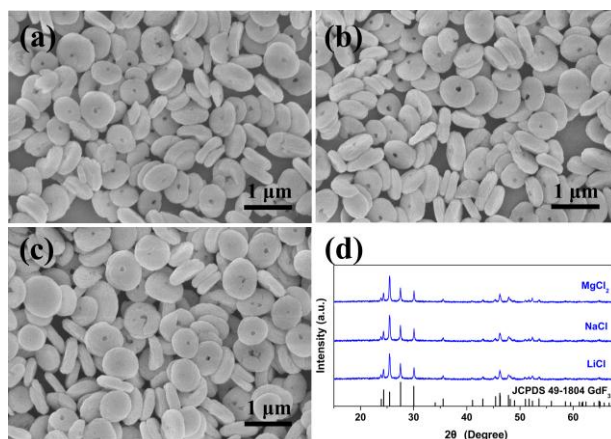


Fig. S4. SEM images of samples synthesized at EG/H₂O ratio of 20/20 in the presence of (a) MgCl₂, (b) NaCl, (c) LiCl, and (d) their corresponding XRD patterns.

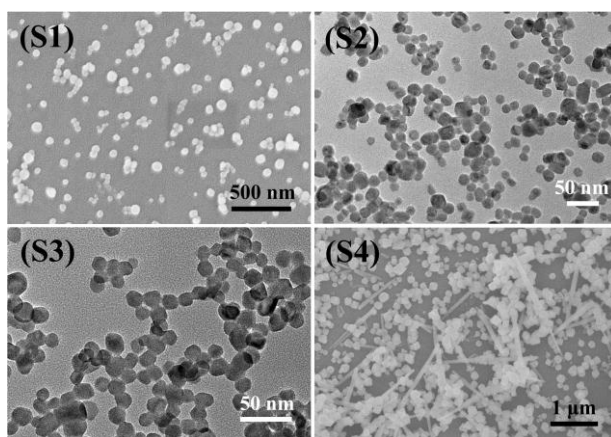


Fig. S5. SEM and TEM images of samples S1–S4.

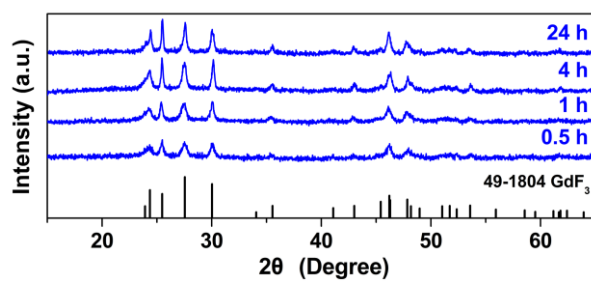


Fig. S6. XRD patterns of GdF₃ obtained at EG/H₂O ratio of 20/20 reacting for different time.