Supplementary material (ESI) for Journal of Materials Chemistry

Electronic Supplementary Information (ESI)

Down-/ up-conversion photoluminescence, cathodoluminescence and paramagnetic properties of $NaGdF_4$: Yb^{3+}, Er^{3+} submicron disks assembled from primary nanocrystals

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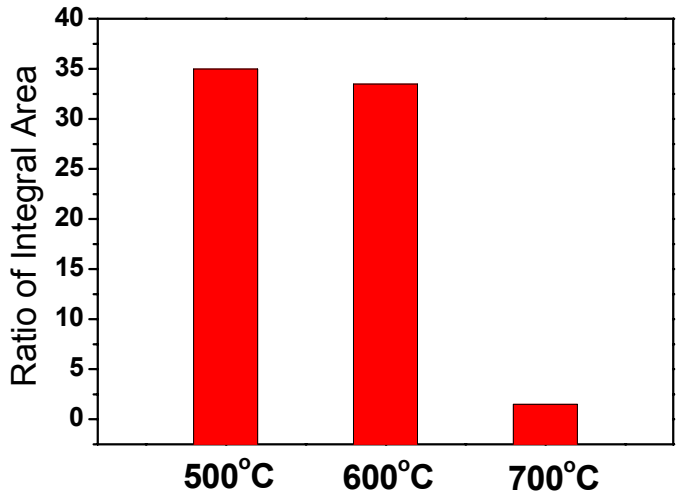

Fig. S1 The integral area ratio of red emission (630-710 nm) to green emission (510-570 nm) for $NaGdF_4$: Yb^{3+}, Er^{3+} submicron disks annealed at different temperatures.

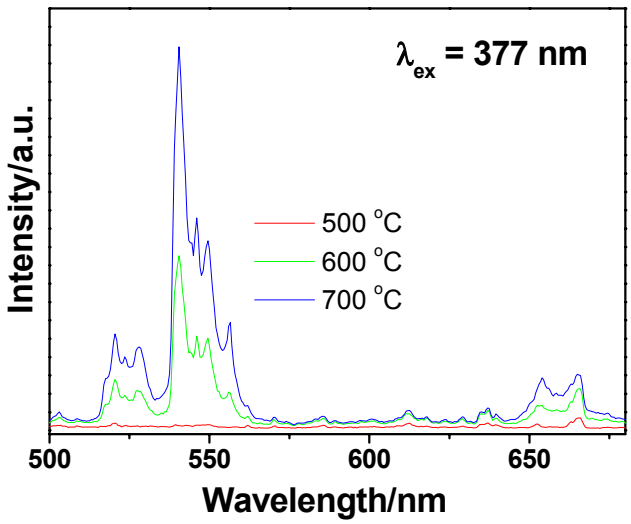

Fig. S2 Down-conversion PL spectra of $NaGdF_4$: Yb^{3+}, Er^{3+} submicron disks annealed at different temperatures.