Facile synthesis and the photo-catalytic behavior of core-shell nanorods

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SUPPLEMENTARY INFORMATION

Figure S1. XRD pattern for SNR, CdS-SNR and BSN samples
**Figure S2.** SEM image of BSN powder sample

**Figure S3.** TEM image of CdS nanoparticle (a) and SAED pattern (b)
Figure S4. Light harvesting efficiency at different wavelengths for unmodified and CdS modified sodium niobate samples.

Figure S5. Time-resolved photoluminescence spectra for SNR and CdS-SNR.