

Supplementary Materials

List of SI:

Figure S1. The atomic force microscopy (AFM) diagram of a representative Ag@SiO₂@CdS/ZnS composite nanoparticle film.

Figure S2. Temperature-dependent result of CdS/ZnS QDs film.

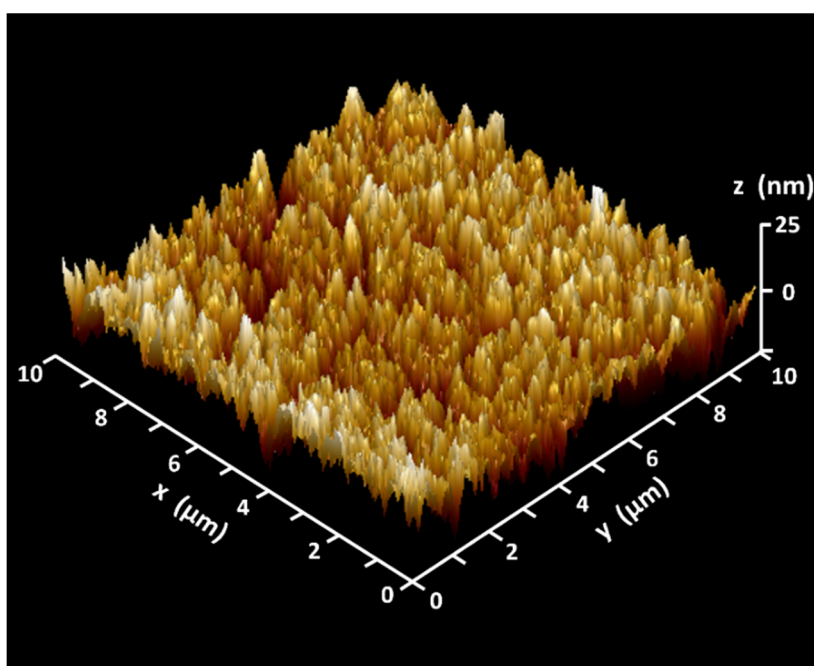


Figure S1. Morphology of an Ag@SiO₂@CdS/ZnS composite nanoparticle film surface analyzed by atomic force microscopy (AFM).

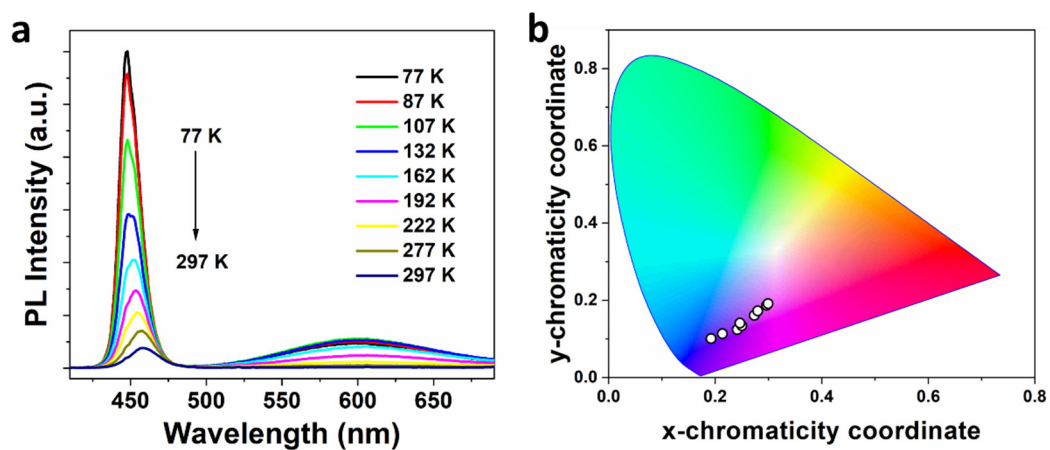


Figure S2. (a) The temperature-dependent PL spectra of CdS/ZnS QDs film in the 77–297 K temperature range, respectively. (b) Temperature-dependent emission from the CdS/ZnS QDs film projected onto the Commission Internationale de l’Éclairage (CIE) chromaticity diagram based on PL spectra shown in Figure S2a.