Supporting Information

Smart Pattern Display by Tuning Surface Plasmon Resonance of Hollow Nanocone Arrays

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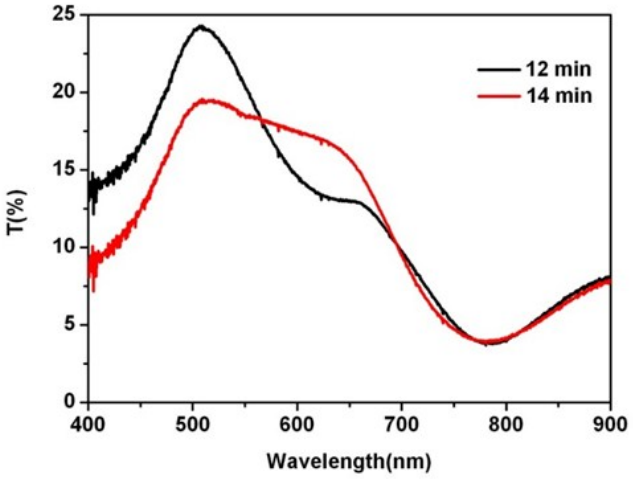

Figure S1. Spectra of nanocone arrays with height of 350 nm and 230 nm before the samples with photoresist were immersed into ethanol.

In Figure S1, the spectra of the nanocone arrays show peaks at around 700 nm which corresponds to the red color of photoresist before the nanocone arrays with photoresist were immersed into ethanol. Besides, the photoresist inside the cones affects the SPR, leading to the shift of the plasmonic peaks to longer wavelength. After the samples with photoresist were immersed into ethanol, the peaks at around 700 nm disappear (Figure 2 in the main text). This indicates that the photoresist in the cones is removed.