Electronic Supplementary Material (ESI) for RSC Advances.

Supplementary Information

Refractometric and colorimetric index sensing by plasmon-coupled hybrid AAO nanotemplate

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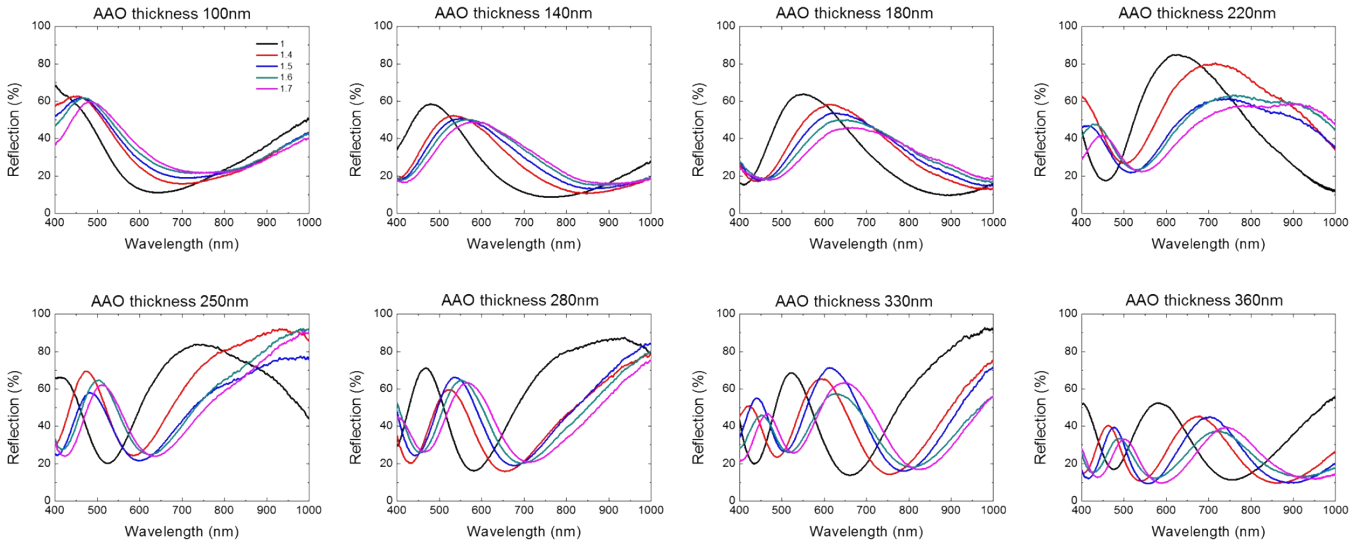

Fig. S1 Measured reflectance spectra of the plasmonic AAO nanostructure of Fig. 4. All reflection spectrum was measured by a fiber-coupled grating spectrometer (Ocean optics USB2000+). The light source was Tungsten Halogen. We used a reference silver mirror (Thorlabs PF10-03-P01) as a calibration reflection measurement. The reflection peaks and dips are linearly shifted by changing surrounding medium. The intensities of the spectra was influenced by amount of liquids, but the location of peaks and dips were not changed.