

Fig. 1 Fabrication process of the nanofinger: (a) spin coating three resist layers (b) nanoimprint with a hard mold (c) reactive ion etch (d) e-beam deposition of 50nm gold (e) lift-off (f) reactive ion etch (g) ALD deposition of TiO_2 (h) Soaking and air-drying of the ethanol to induce the collapse of nanofingers

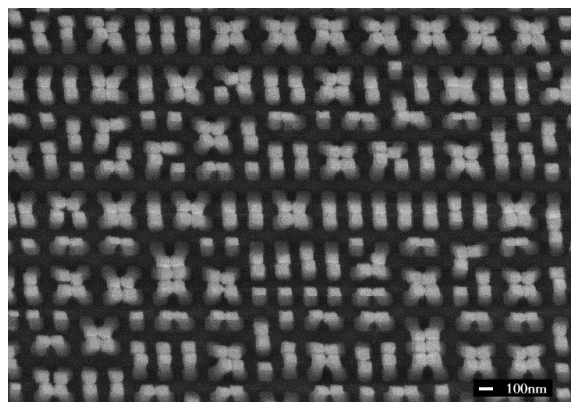


Fig. 2 Top-view SEM image of the fabricated nanofingers

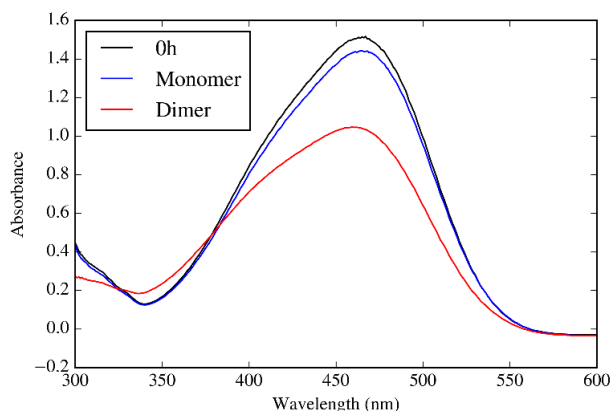


Fig. 1 UV-Vis spectra of MO aqueous solution before (black) and after (red & blue) 8 h green laser illumination using collapsed nanofingers and monomer sample.