

# Multifunctional polymers with biomimetic compound architectures via nanoporous AAO films for efficient solar energy harvesting in dye-sensitized solar cells

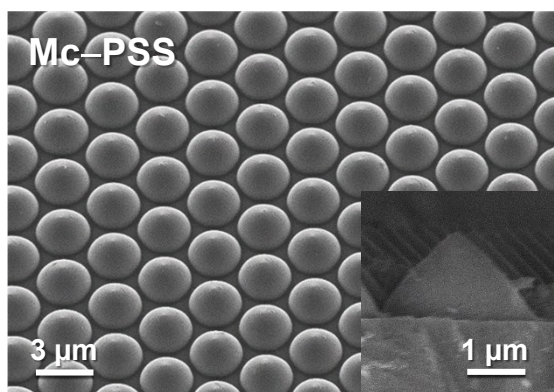
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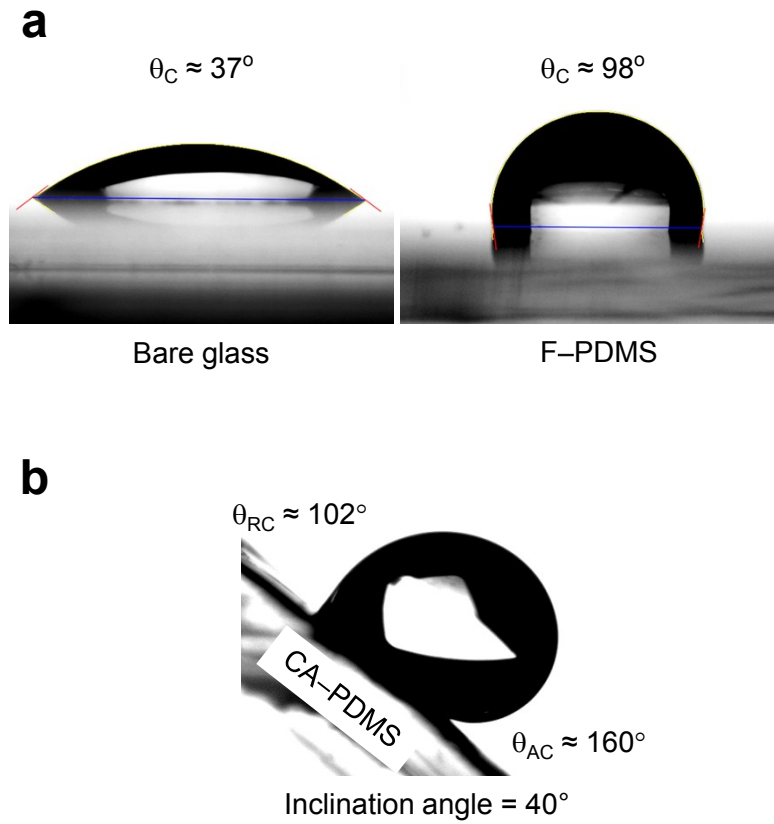
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## Supporting Information



**Fig. S1.** Top- and side-view SEM images of microcone-patterned sapphire substrate (i.e., Mc-PSS).



**Fig. S2.** (a) Photographs of a water droplet on the surface of the bare glass and the flat-PDMS (F-PDMS). (b) Photograph of a water droplet on the surface of the CA-PDMS at the inclination angle of  $40^\circ$  ( $\theta_{AC}$  and  $\theta_{RC}$  are the advancing and receding water contact angles, respectively).