

Biomimetic Ultra-Bubble-Repellent Surfaces Based on Self-Organized Honeycomb Film

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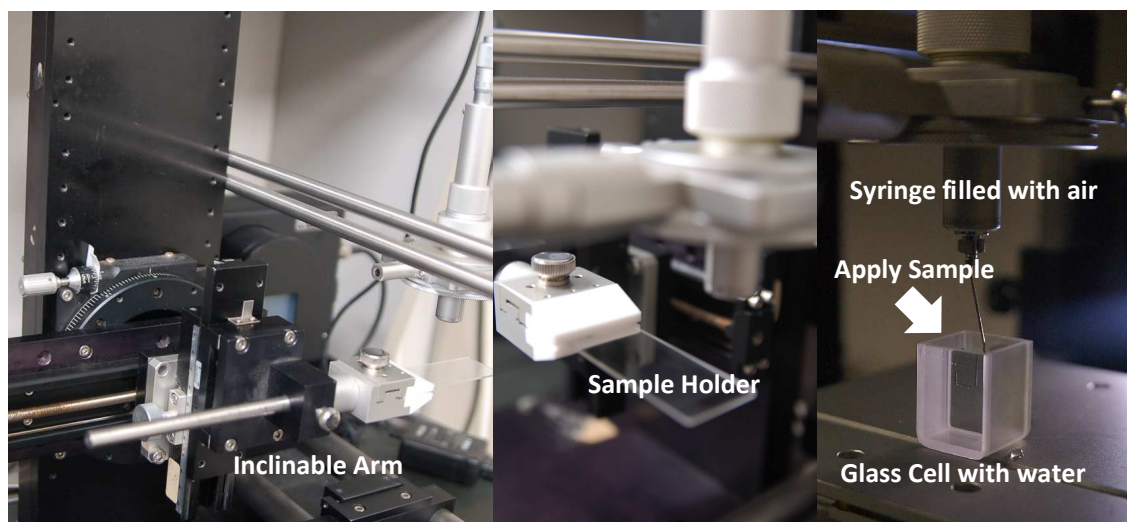


Figure S1 The first picture shows the inclinable arm used in the sliding angle measurement. The sample was attached to the arm and dipped in a transparent glass cell filled with water for underwater measurement. The tilting angle can be change by rotation of the arm. The actual setting and experimental procedure can also be seen in the Supplementary Video.

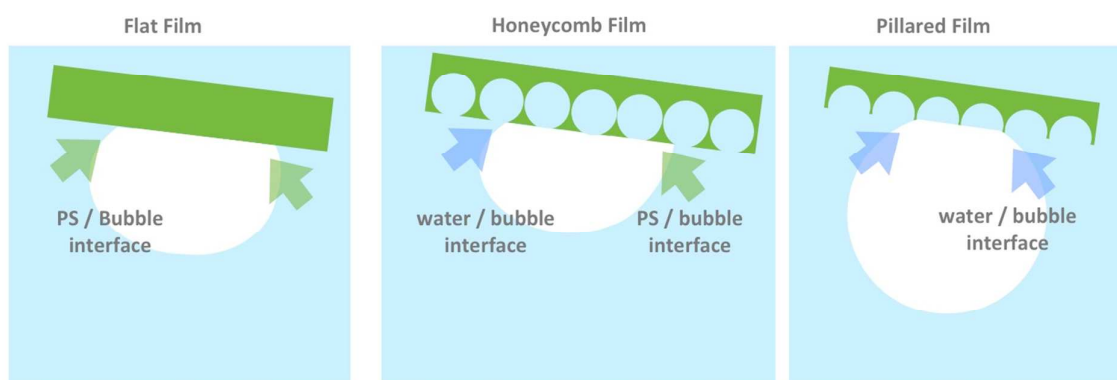


Figure S2 Schematic image of air bubble on tilted flat, honeycomb and pincushion film. The advancing side and receding side of the bubble on flat film is in contact with PS. Wherea the bubble on the honeycomb film has the advancing side of the bubble being in contact with water and the receding side in contact of PS.