Supporting information for:

Repelling hot water from superhydrophobic surfaces based on carbon nanotubes

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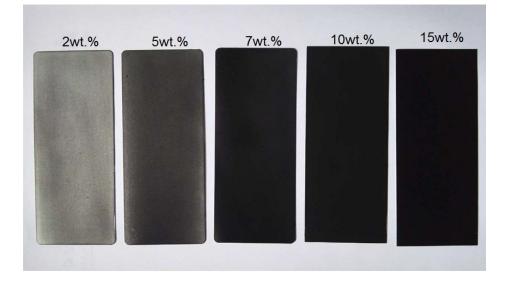


Figure S1 Photograph of the CNTs-OS composite coatings surface as a function of CNT concentration on tinplate.

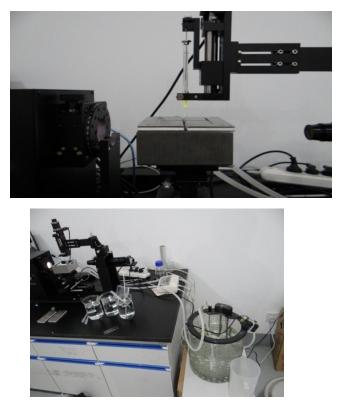


Figure S2. Water contact angle measurement instrument setup

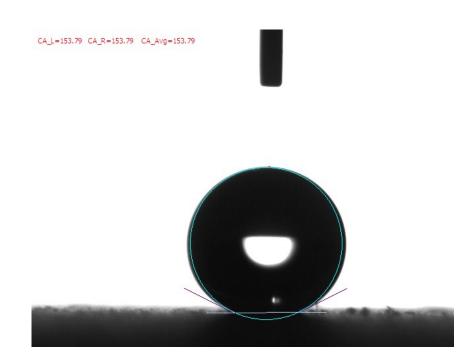


Figure S3 A photograph of SLB2000 with program-fitted water contact angle

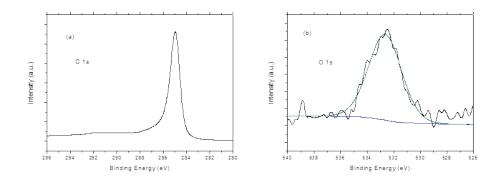


Figure S4 XPS spectra of sample 1, (a) C1s, (b) O1s

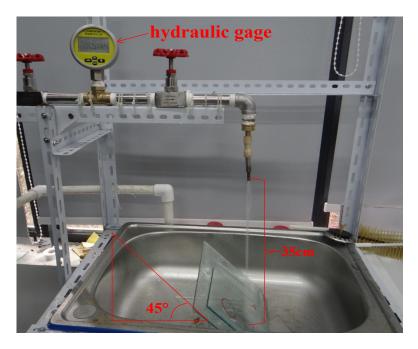


Figure S5 Photograph of experimental setup for a waterfall/jet test

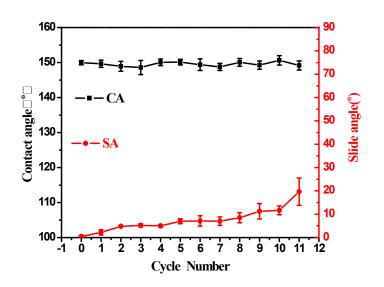


Figure S6 The CA and SA durability test results of an Ultra-Ever Dry superhydrophobic film, as a function of the number of abrasion cycles. The abrasion resistance condition is described in the text.