Electronic Supplementary Information

Tunable method for nonwetting surfaces based on nanoimprint lithography and hydrothermal growth

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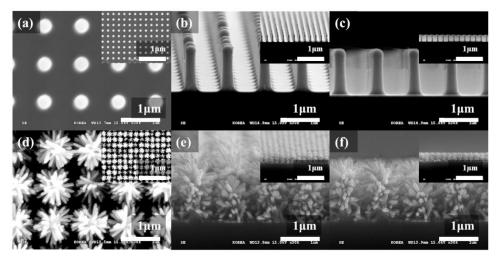


Figure S1. SEM micrograph of pillar-shaped TiO_2 micro structure and hierarchical structure: (a), (d) top-view, (c), (e) tilted-view, and (c), (f) cross-sectional view.

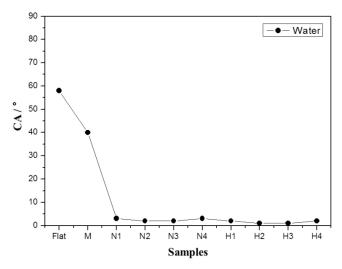


Figure S2. Contact angle of 10 kinds of unmodified-TiO2 structure for water.

					-	1mm
Flat	35min	36min	37min			
М	40min	41min	42min	43min	44min	45min
N1	50min	51min	52min	53min		
	Ω	_	_			
N2	50min	51min	52min	53min	54min	55min
		_				
	0	0	0	Ω	٥	
N3	50min	51min	52min	53min	54min	
	Q	Q	Ω	_ 0		
N4	50min	51min				
			<i>(</i>			
H1	65min	66min	67min	68min	69min	
	0	0	0	0		
Н2	70min	71min	72min	73min		
	•	•				
	Q 70min	Ω 71min	72min			
Н3	/ Umin	/ 1 m in	/2min			
	0	_				
H4	65min	66min	67min	68min	69min	
	9					

Figure S3. Variations in water droplets on $10 \text{ kinds of } \text{TiO}_2 \text{ structures before complete evaporation.}$