

**Electronic Supplementary Information**  
**Facile Fabrication of Multifunctional Hybrid Silk Fabrics with Controllable Surface**  
**Wettability and Laundering Durability**

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Figure S1

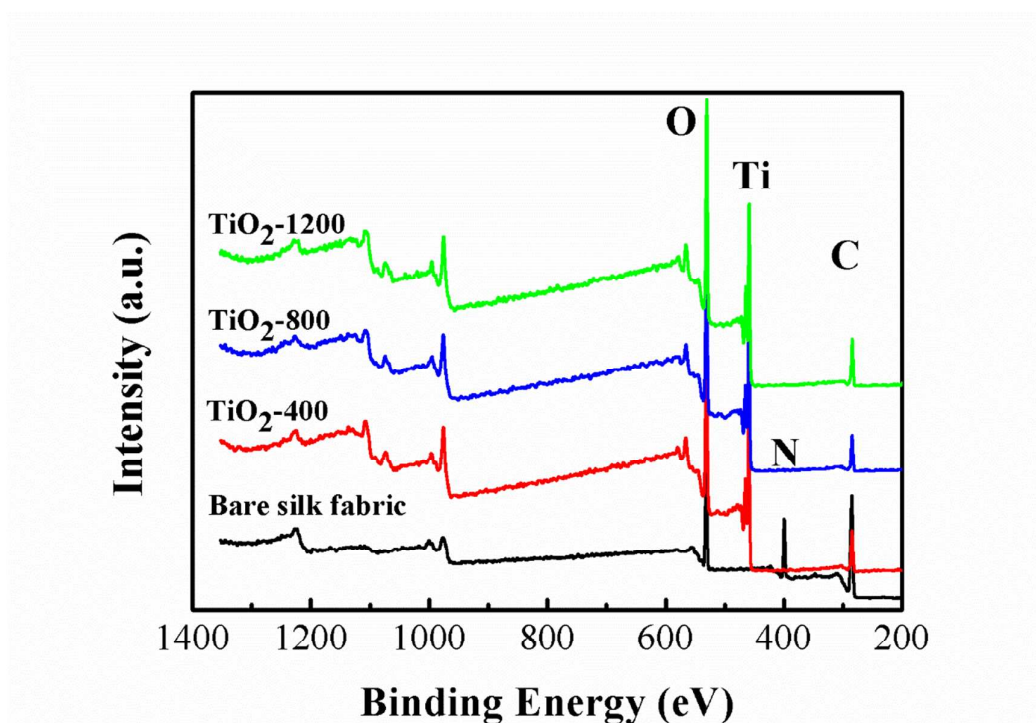


Figure S1. XPS spectra of the bare silk fabric and  $\text{TiO}_2$ -coated silk fabrics with 400, 800, and 1200 ALD cycles.

Figure S2

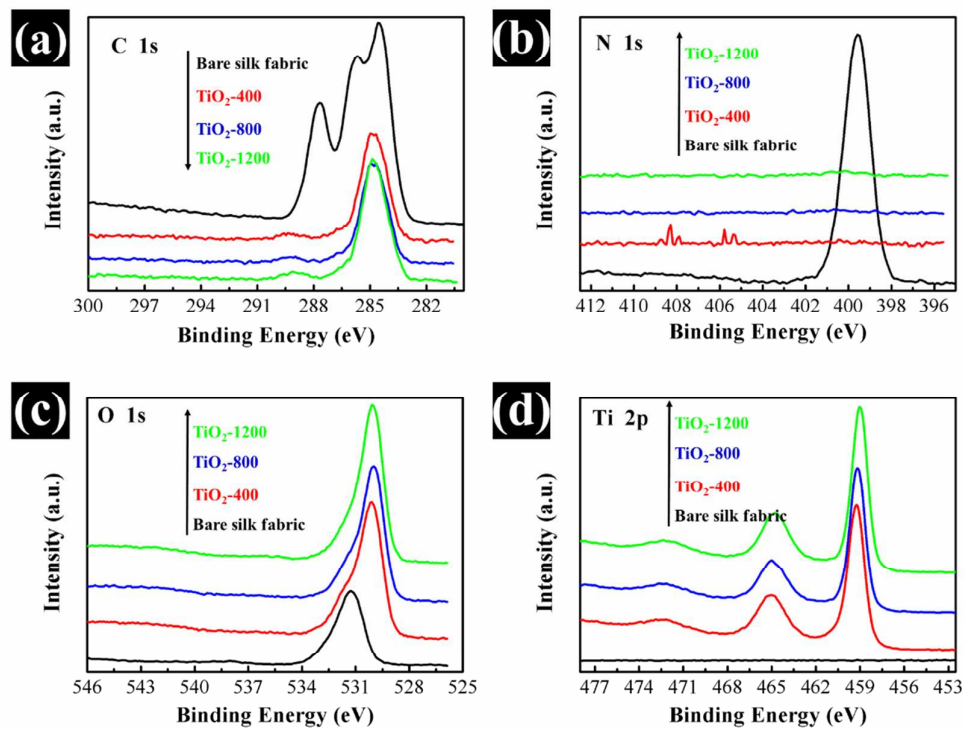


Figure S2. High-resolution XPS spectra of (a) C 1s, (b) N 1s, (c) O 1s, and (d) Ti 2p for the bare silk fabric and TiO<sub>2</sub>-coated silk fabrics with 400, 800, and 1200 ALD cycles.

Figure S3

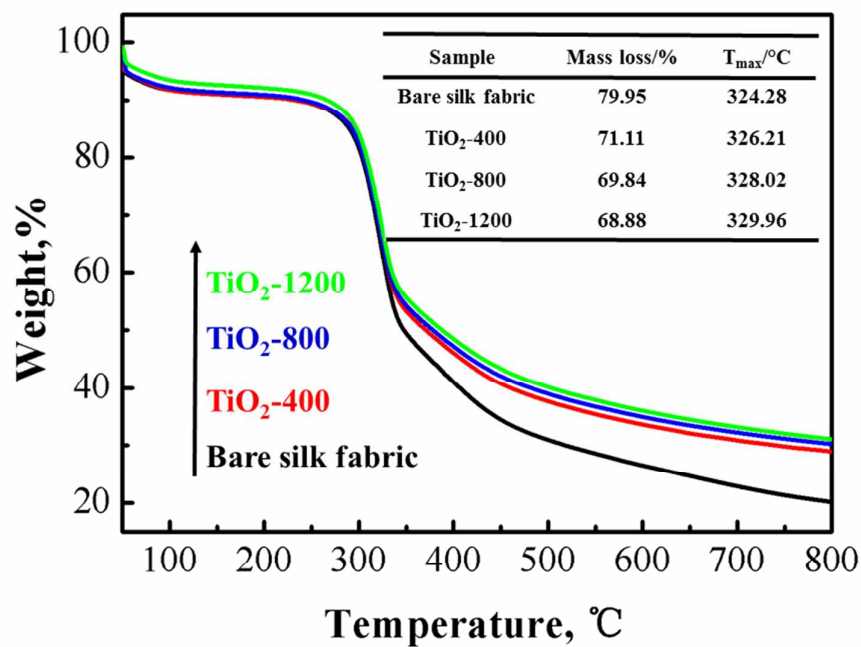


Figure S3. TGA curves of the bare silk fabric and TiO<sub>2</sub>-coated silk fabrics with 400, 800, and 1200 ALD cycles in a nitrogen atmosphere. The insets are the corresponding thermal analysis data.

Figure S4

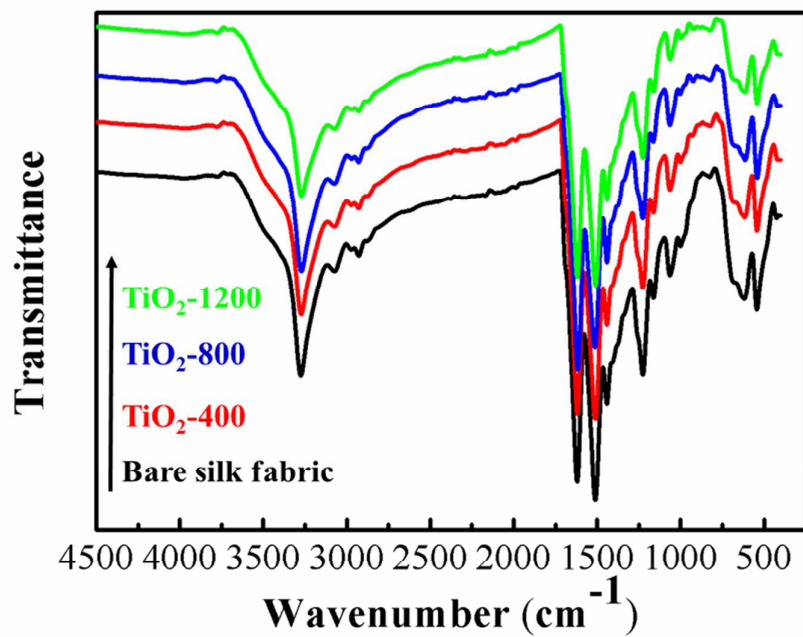


Figure S4. FTIR spectra of the bare silk fabric and TiO<sub>2</sub>-coated silk fabrics with 400, 800, and 1200 cycles.