Supporting Information

Fabrication of superhydrophobic fabrics with outstanding self-healing performance in sun lights

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Table of Contents:

Video 1: The fabric-(ODA@PDA) can float on water, and an air cushion can be observed.

Video 2: A water droplet can bounce off the fabric surface and rapidly roll off the surface.

Video 3: A jet of water with high speed can easily bounce on the fabric.
**Fig. S1** The photo image of the pristine fabric.

**Fig. S2** The water contact angle of the pristine fabric. The water contact angle of the fabric is about 46°.

**Fig. S3** The water contact angle of the fabric-(ODA@PDA) (after plasma treatment) at room temperature for one week without sun lights illumination.

**Fig. S4** The water contact angle of the fabric-(ODA@PDA) after washing (the fabric was dried under room temperature).