Electronic supplementary information for

"Lotus-effect" Tape: Imparting Superhydrophobicity to Solid Materials with Electrospun Janus Composite Mat

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Supplementary Figures:

Fig. S1 Sticking droplets of water, milk, coffee and juice on the almost upright surface of electrospun PVDF mat.

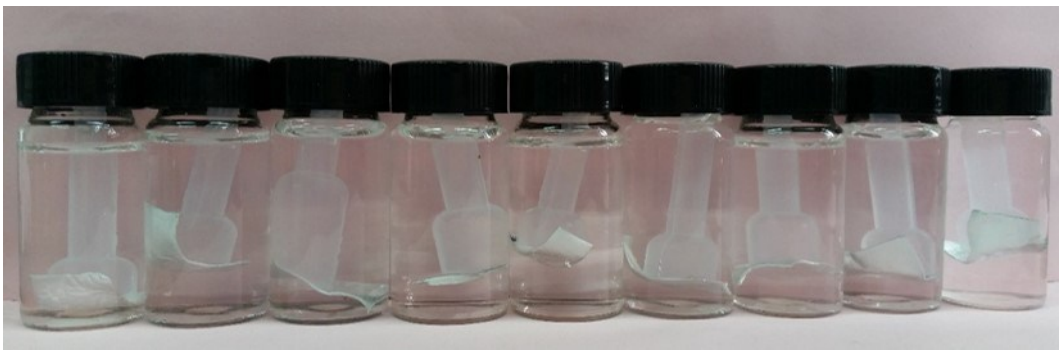

Fig. S2 As-prepared Janus composite mats were immersed in aqueous solution with different pH and the saturated saline solution.

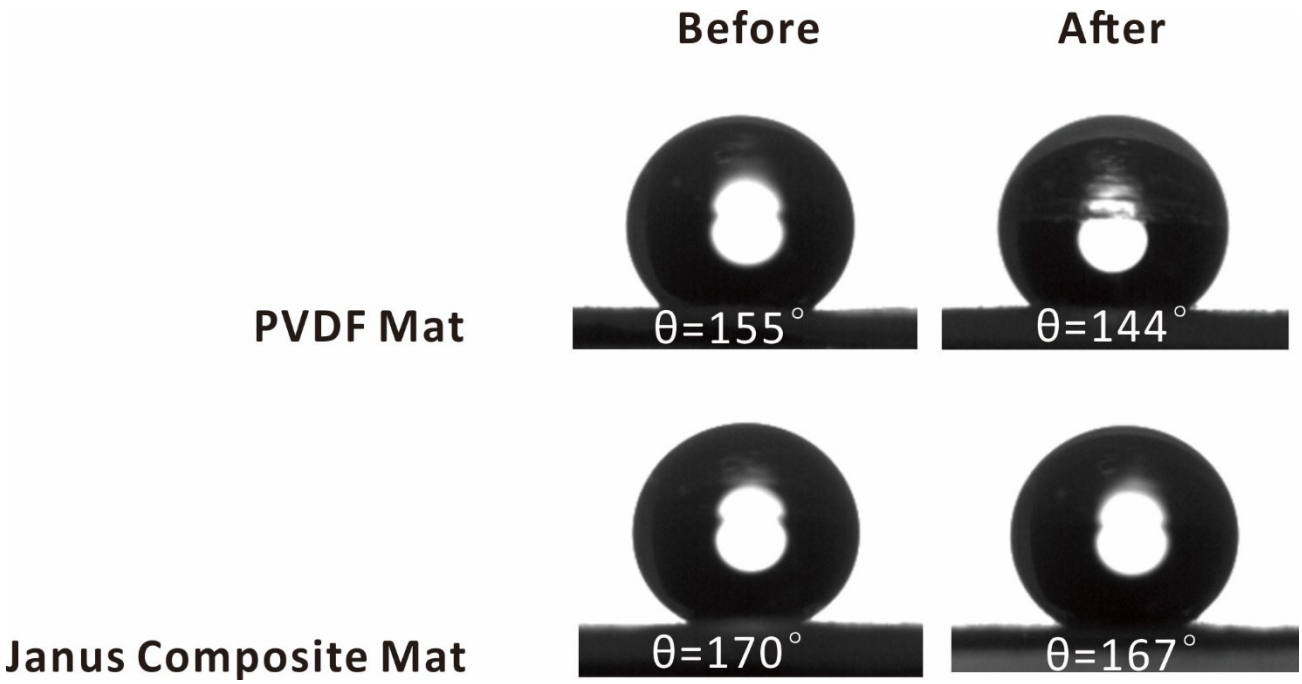

Fig. S3 the CA of electrospun PVDF and Janus composite mat before and after saturated saline solution immersion.

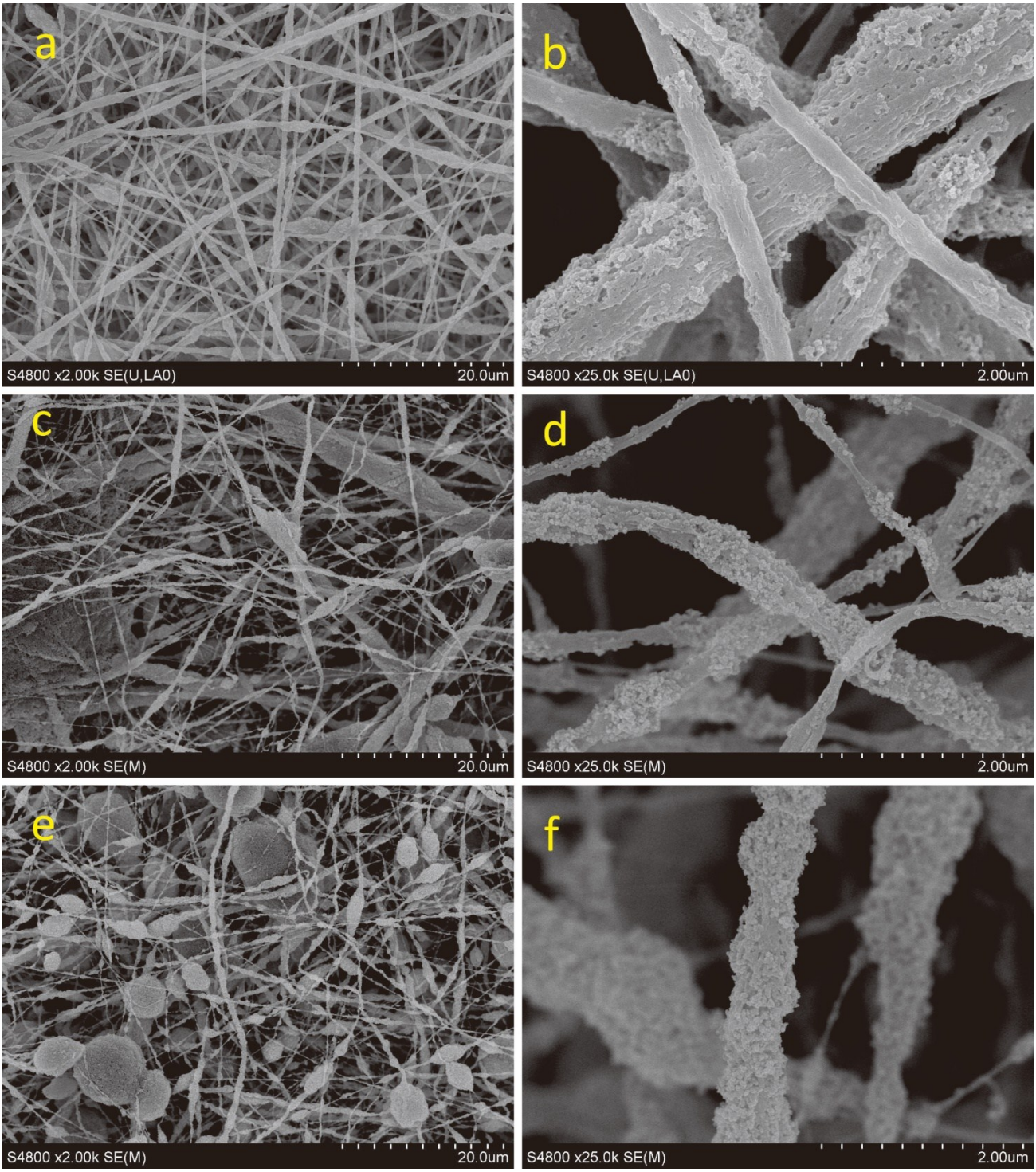

Fig. S4 SEM image of mSiO_2@PVDF fibres mass ratio of SiO_2/PVDF in the upper layer of electrospun Janus composite mat: (a, b) 0.5; (c, d) 1.5 and (e, f) 2.0.

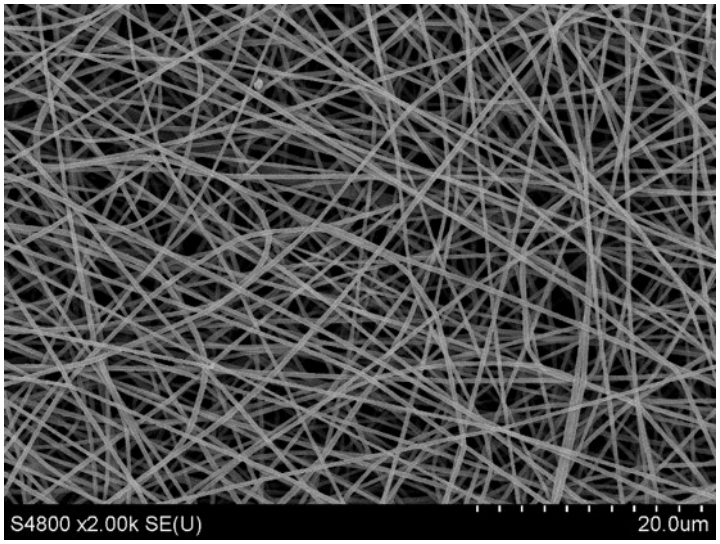

Fig. S5 SEM image of the bottom layer of electrospun Janus composite mat.

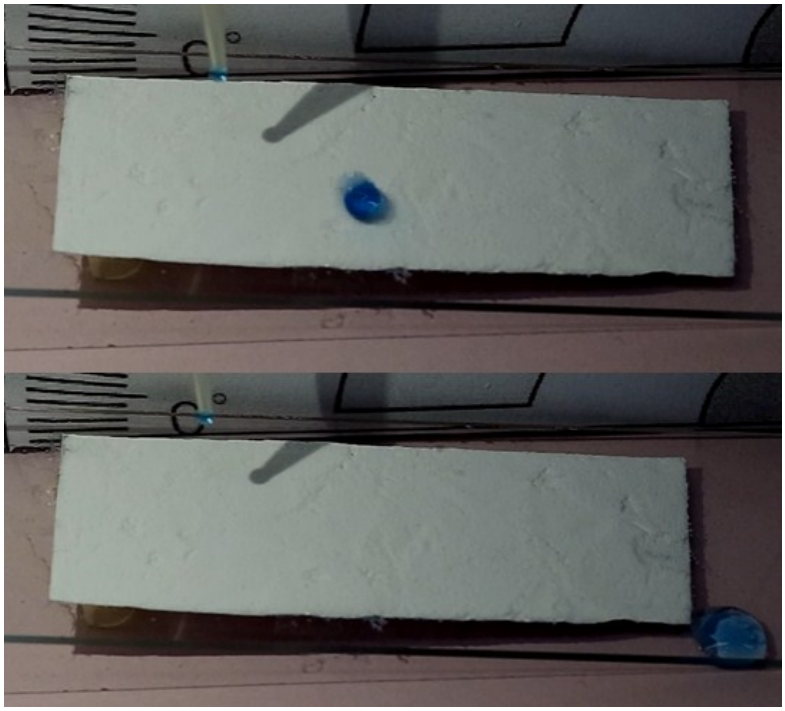

Fig. S6 Illustration of the water droplet rolling off from LET-covered glass slide.

Fig.S7 the digital picture of carbon black particles carried off from the LET-covered glass slide by the rolling water droplets.

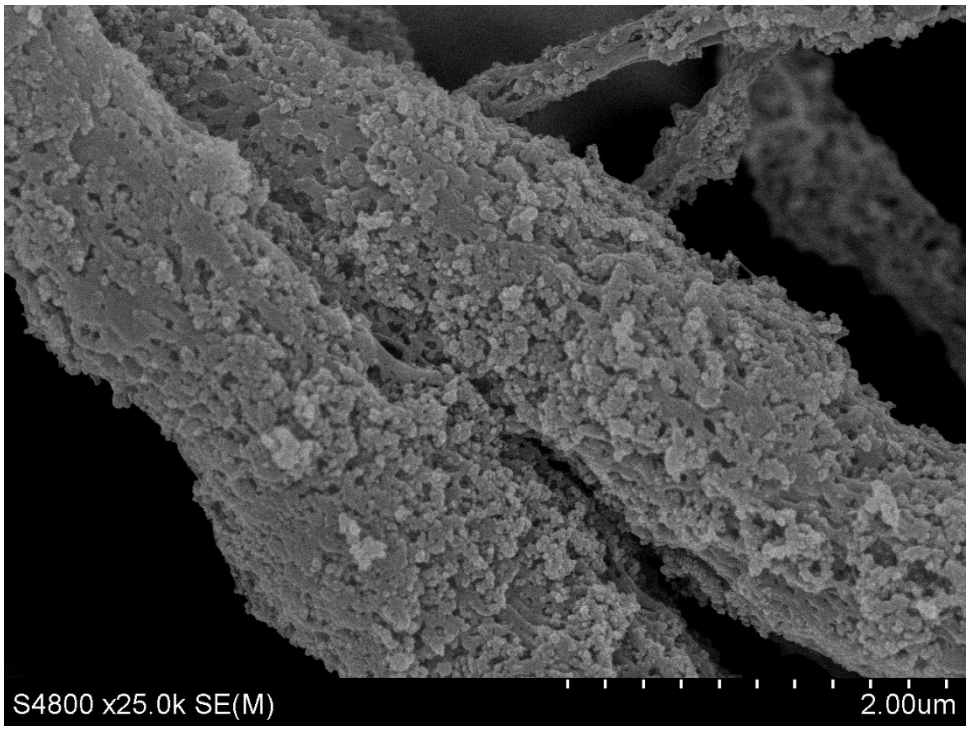

Fig. S8 SEM image of the mSiO2@PVDF fibres in upper layer of LET which has been reused 5 times.

Video S1 water droplets rolling freely on the surface of LET-covered paper.