

Design of interface heating device based on polydivinylbenzene/SiO₂/Bi₂WO₆ and its
visible light response performance for water purification

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Fig. S1 Behavior of PDVB/SiO₂ in water and the contact angle analysis.

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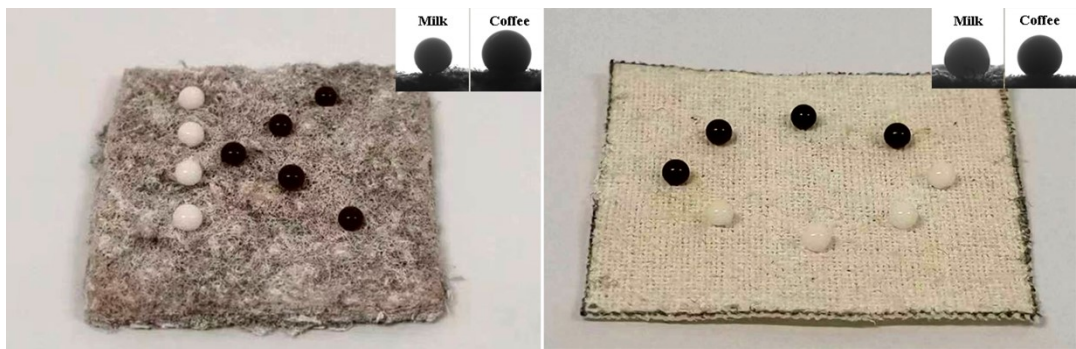


Fig. S2 The wetting behavior of milk and coffee on superhydrophobic fabric/felt.

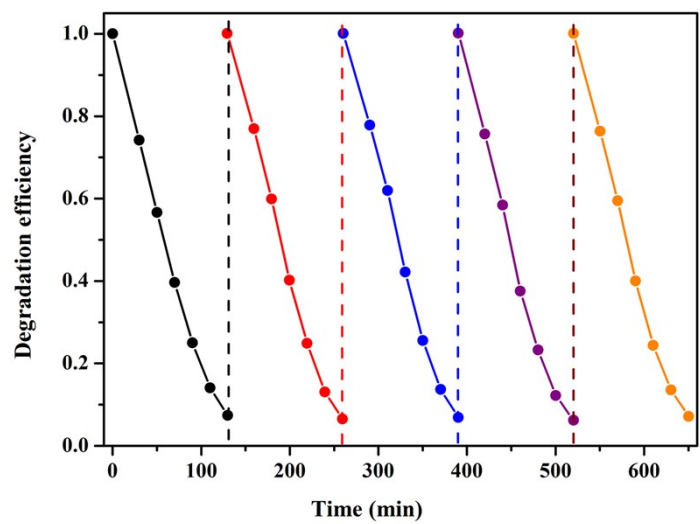


Fig. S3 Indoor photodegradation with a AM 1.5 filter.

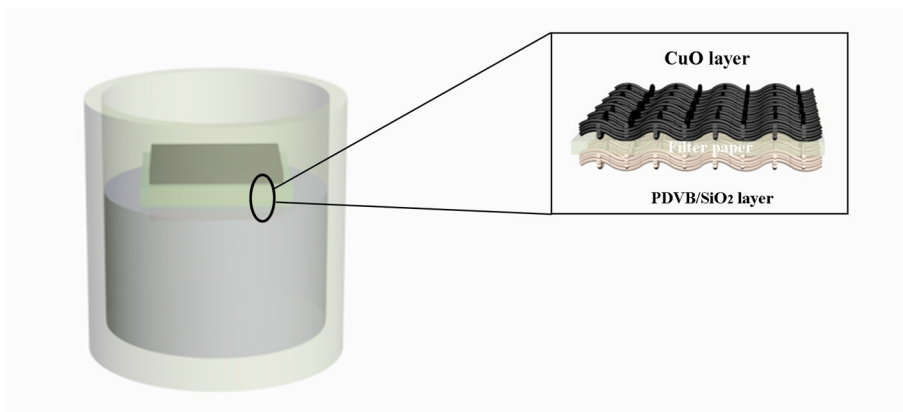


Fig. S4 A schematic diagram of the assembled device.

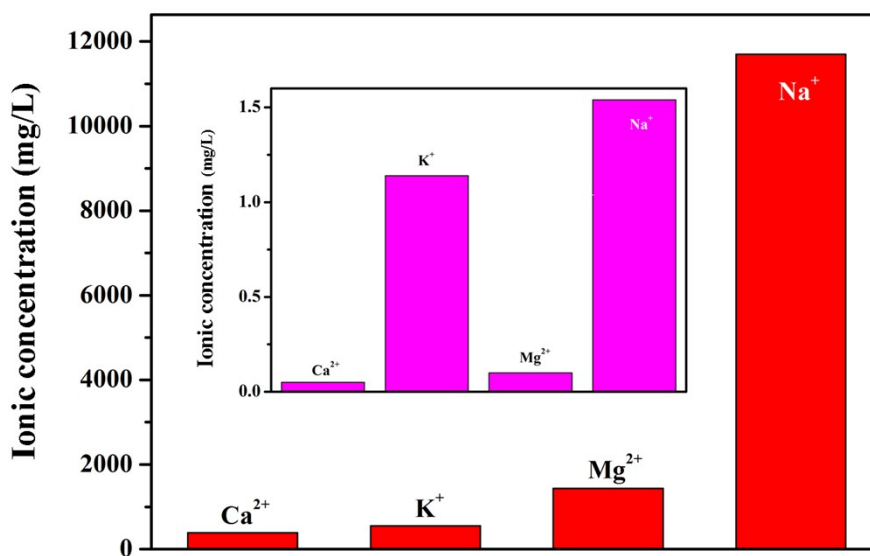


Fig. S5 Comparison of the ion concentrations in the initial liquid and the collected fluids.

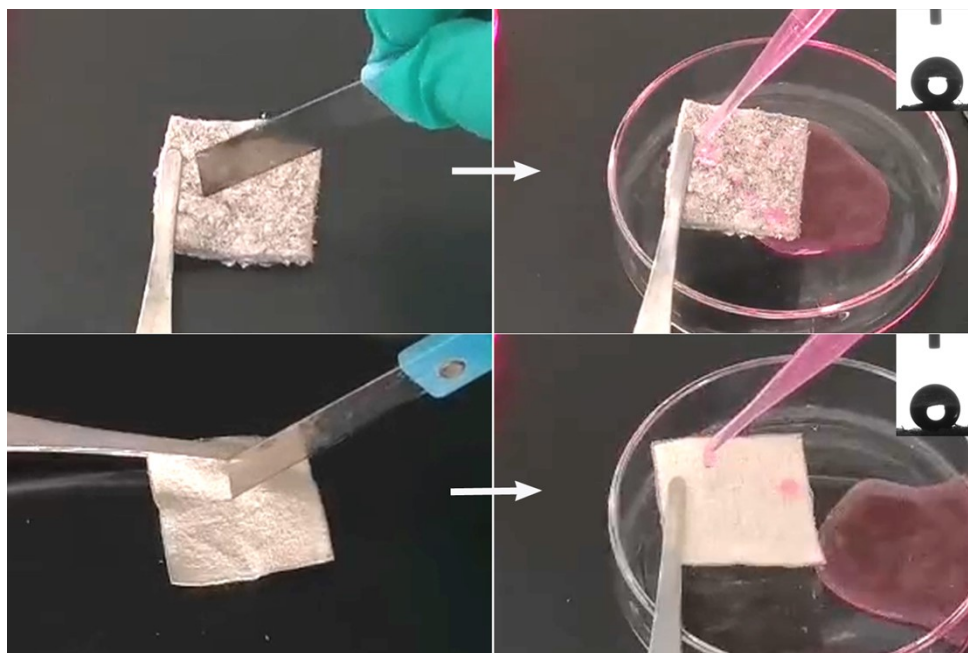


Fig. S6 The wettability of fabric and felt after the surface was destroyed.