

# **Supporting Information**

## **Study on low thermal-conductivity of PVDF@SiAG/PET membranes for direct contact membrane distillation application**

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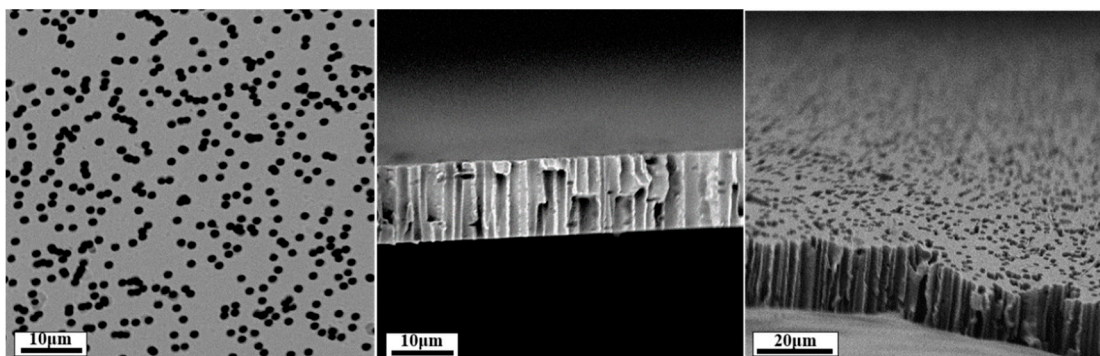


Fig. S1 SEM images of PET nuclear-track membranes.

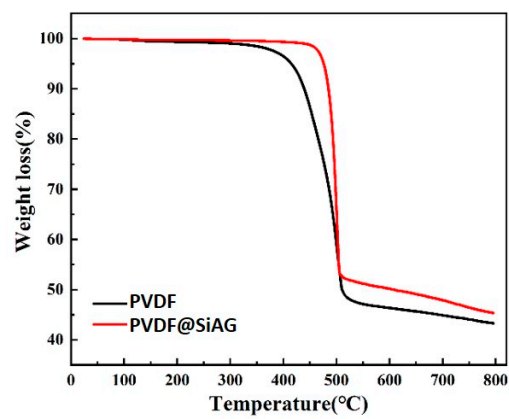


Fig. S2 Thermal gravimetric diagram of the bare PVDF and the PVDF@SiAG.

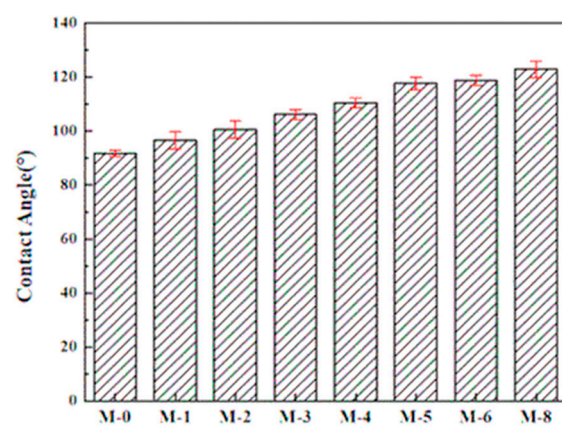


Fig. S3 Dependence of the apparent contact angle on the PVDF@SiAG/PET membranes.