

Preparation of Liquefied Banana Pseudo-stem based PVAc-Nanosilica Hybrid Membrane and Its Modification by Octadecyltrichlorosilane

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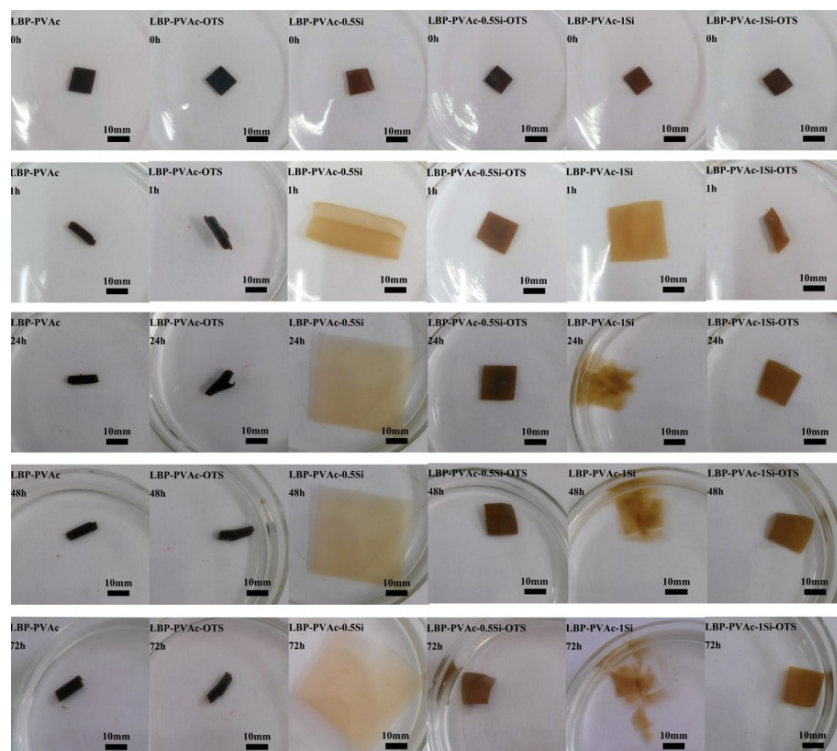


Figure S1. Photograph images of LBP-PVAc nanocomposite membranes immersing in water for 0 h, 1 h, 24 h, 48 h and 72 h, respectively

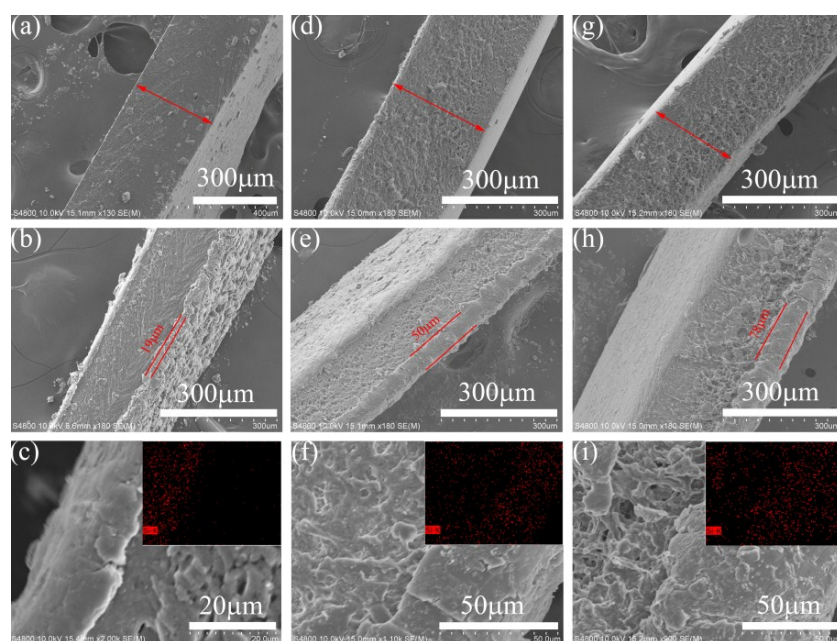


Figure S2. SEM images of the membrane cross-section. (a) LBP-PVAc; (b, c) LBP-PVAc-OTS; (d) LBP-PVAc-0.5Si; (e, f) LBP-PVAc-0.5Si-OTS; (g) LBP-PVAc-1Si; (h, i) LBP-PVAc-1Si-OTS; The insets in (c, f, i) are the Si mappings of the corresponding membranes