Supplementary Material

Determination of surface energy parameters of hydrophilic porous membranes via a corrected contact angle approach

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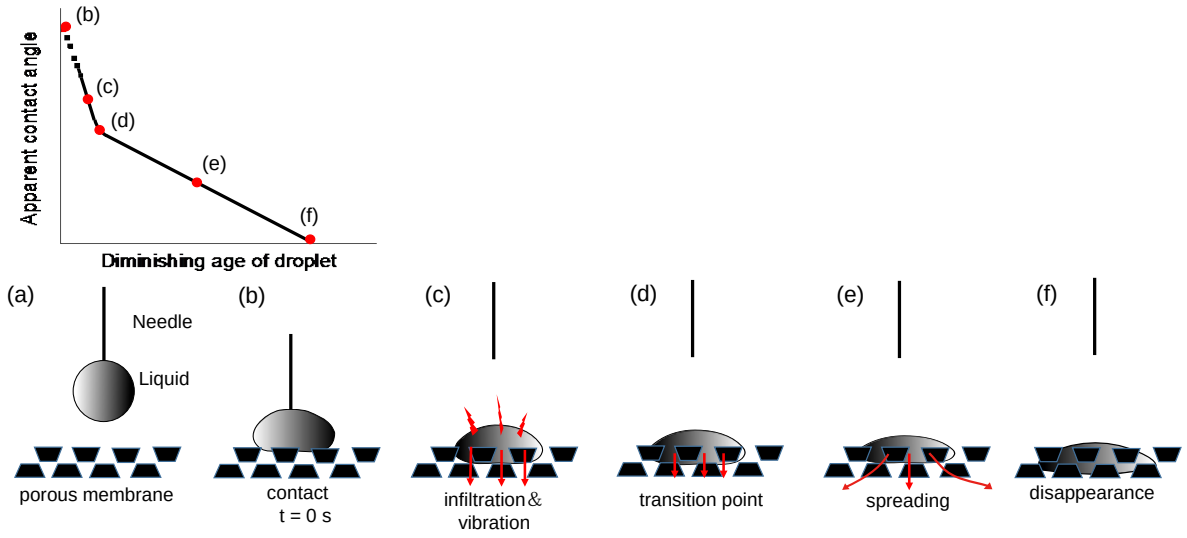

Figure S1. Illustration of the diminishing process of a liquid droplet on the porous membrane surface.

Table S1. Properties of the standard test liquids at 20 °C for the contact angle measurement.

Liquid	Label of polarity	Surface energies (mJ/m^2)				Density (g/cm^3) [b]	Viscosity (mPa·s) [b]
		γ_L	γ_L^{LW}	γ_L^+	γ_L^-		
Diiodomethane (DI)	Nonpolar	50.8	50.8	0	0	3.33	-
Water	Polar	72.8	21.8	25.5	25.5	1.00	1.00
Formamide (FO)	Polar	58.0	39.0	2.28	39.6	1.13	4.32
Dimethyl sulfoxide (DMSO)	Polar	44.0	26.7 [a]	3.10	24.0	1.10	2.47

Note: [a] Estimated via $\gamma_L^{LW} = \gamma_L - 2\sqrt{\gamma_L^+\gamma_L^-}$; [b] Data obtained from PubChem.