

Article

Supplementary Material: Vanillin as an Antifouling and Hydrophilicity Promoter Agent in Surface Modification of Polyethersulfone Membrane

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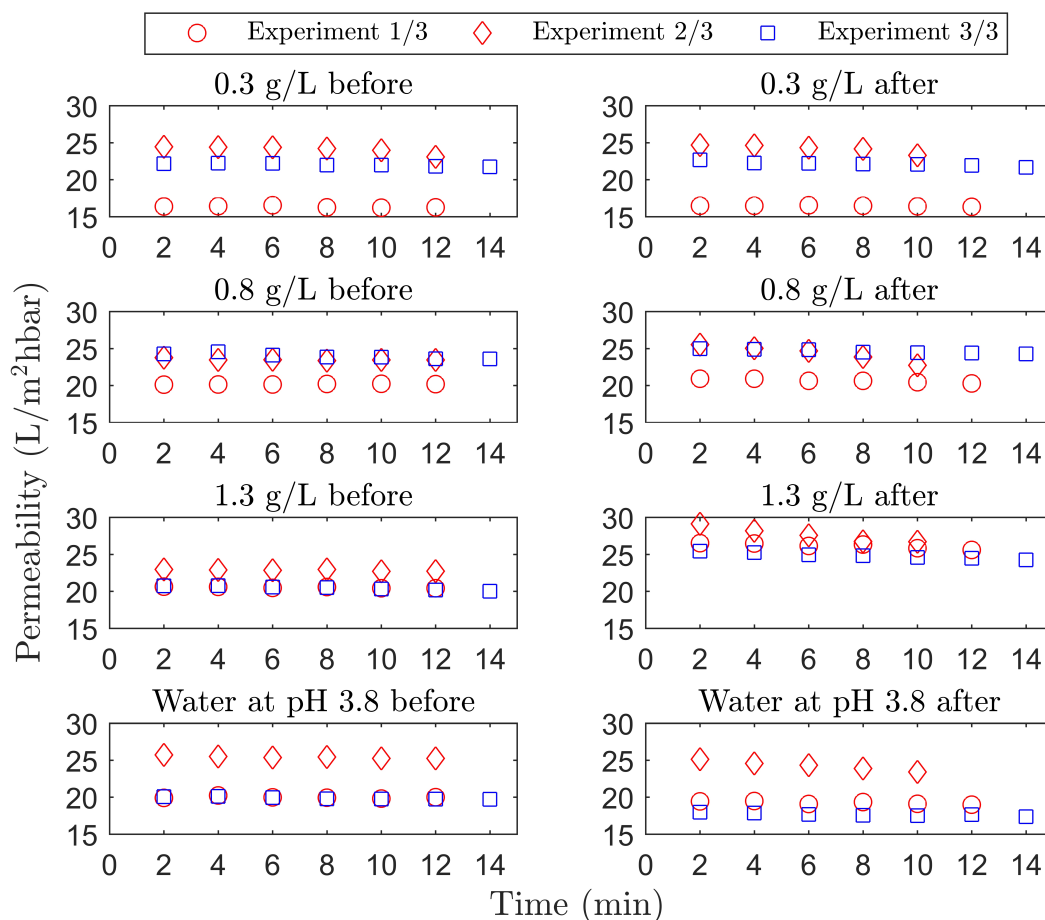


Figure S1. PEG solution permeabilities before and after modification with vanillin. Polyethersulfone membranes (UH004 P) were modified by different concentration of vanillin (0.3 g/L, 0.8 g/L and 1.3 g/L) and each experiment was repeated thrice.

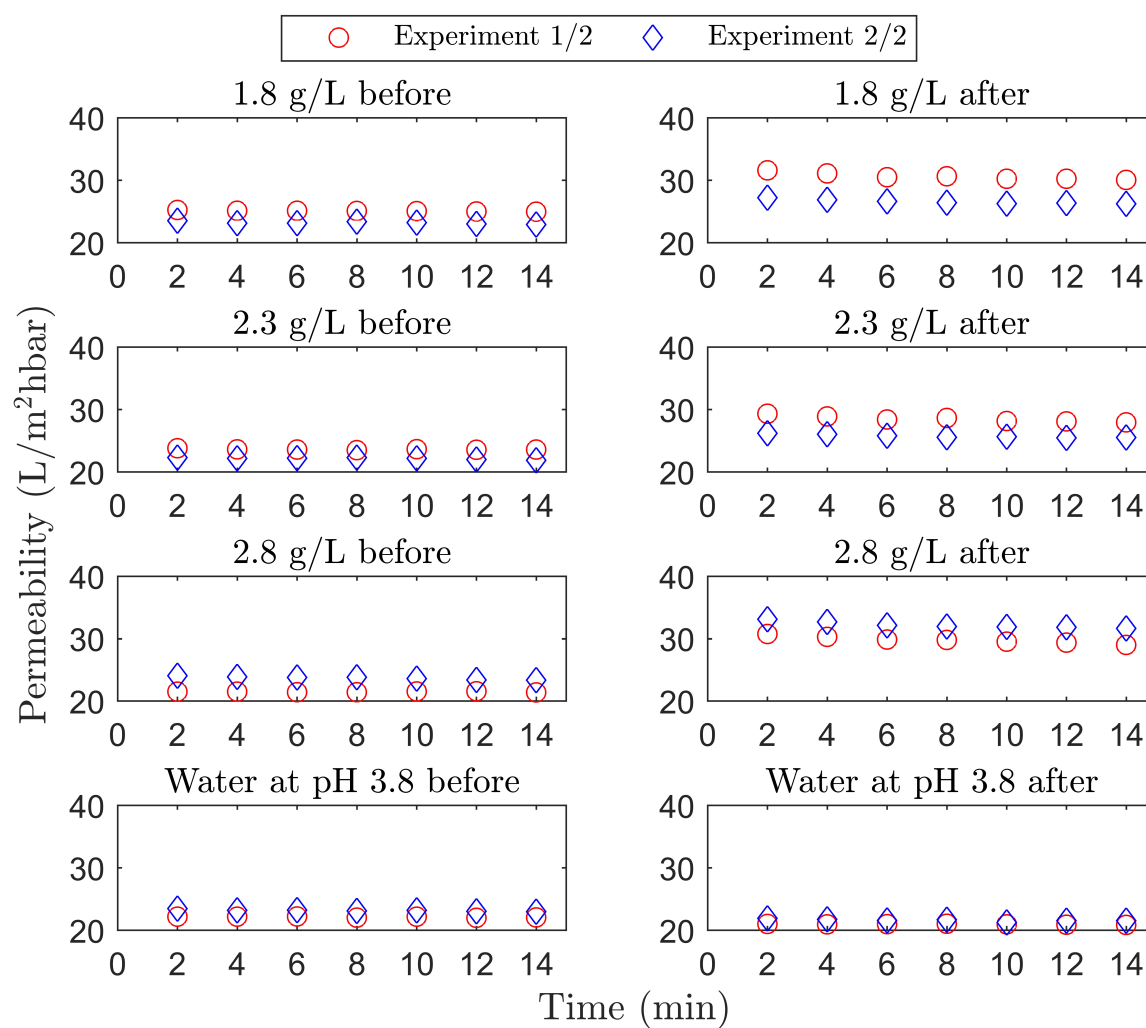


Figure S2. PEG solution permeabilities before and after modification with vanillin. Polyethersulfone membranes (UH004 P) were modified by different concentration of vanillin (1.8 g/L, 2.3 g/L and 2.8 g/L) and each experiment was repeated twice.

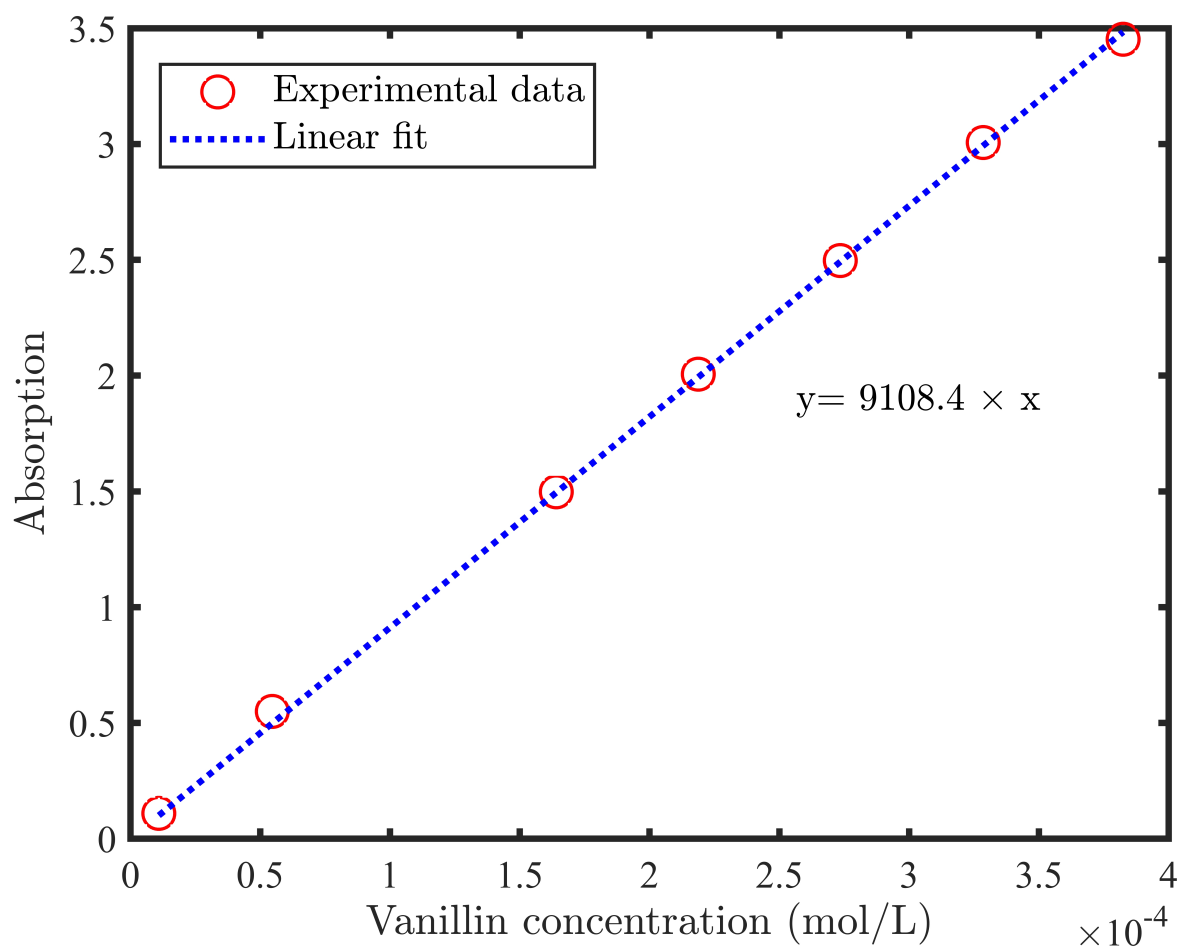


Figure S3. The UV absorption of vanillin in different concentrations at wavelength of 308 nm and pH 5.6.



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