

Investigate of a novel high-efficiency ion permselectivity membrane module based on
ESIX scheme

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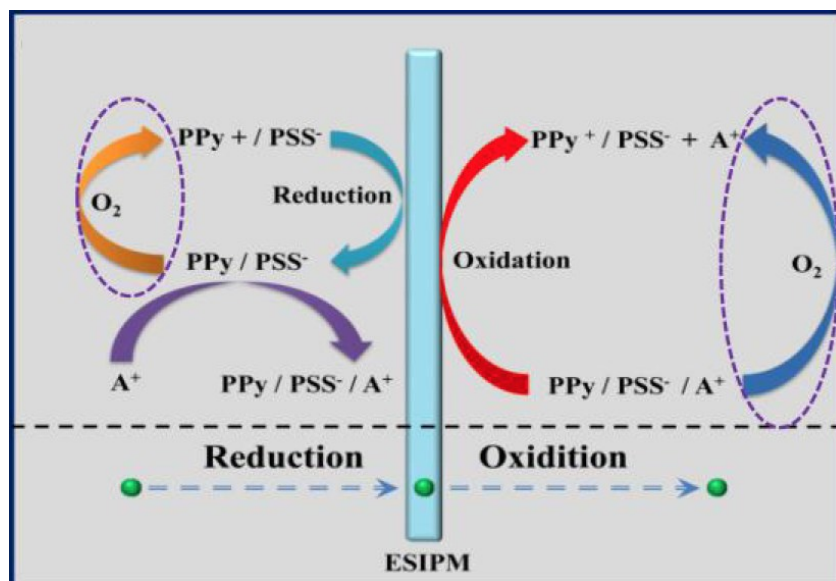
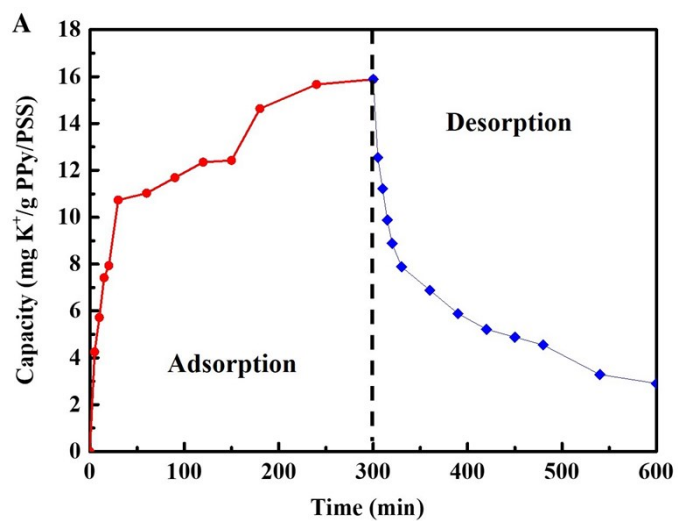


Figure S1. Effect of the dissolved oxygen in the solutions on the cations transport through the PPy/PSS membrane.



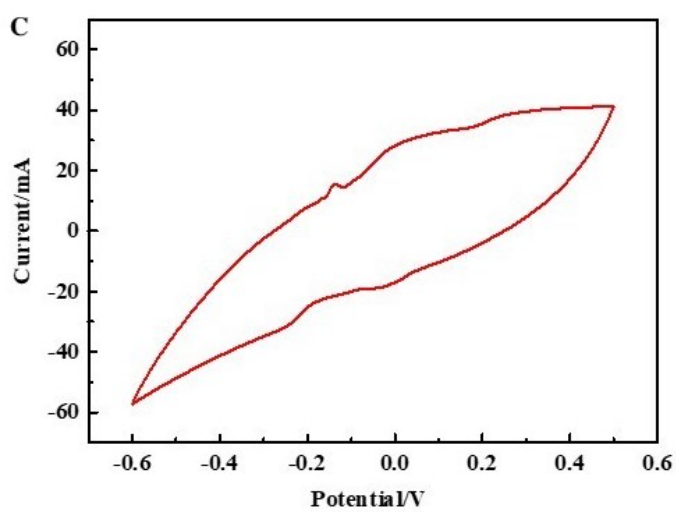
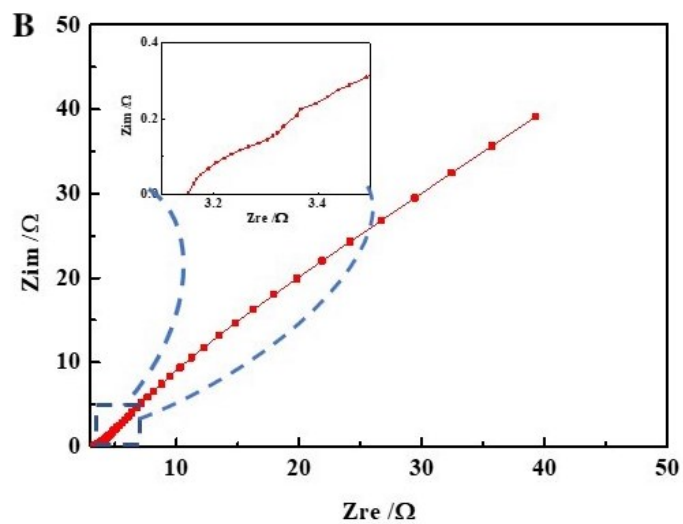


Figure S2. (A) The adsorption and desorption curves of K^+ ions on the PPy/PSS membrane; (B) The impedance of the membrane; (C) CV curves of the PPy/PSS membrane as electrode.