

Supporting Information

Acrylic acid grafted porous polycarbonate membrane with smart hydrostatic pressure response to pH

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S1. The XPS full-spectra of pristine polycarbonate (PC) membrane. Binding energies about 284.79 eV and 533.76 eV respond to the C 1s and O 1s of pristine PC membrane.

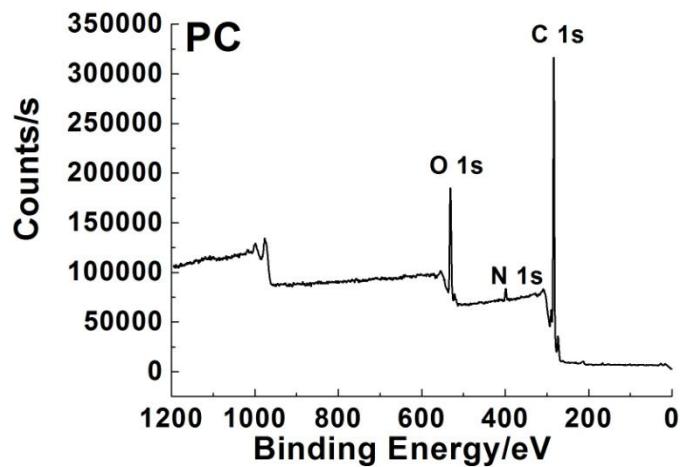


Fig. S1 XPS full-spectra of pristine PC membrane.

S2. The XPS full-spectra of poly (acrylic acid) grafted PC membrane (PAA-g-PC). The binding energy peaks which are stated at 284.74 eV and 532.25 eV represent C 1s and O 1s of PAA-g-PC.

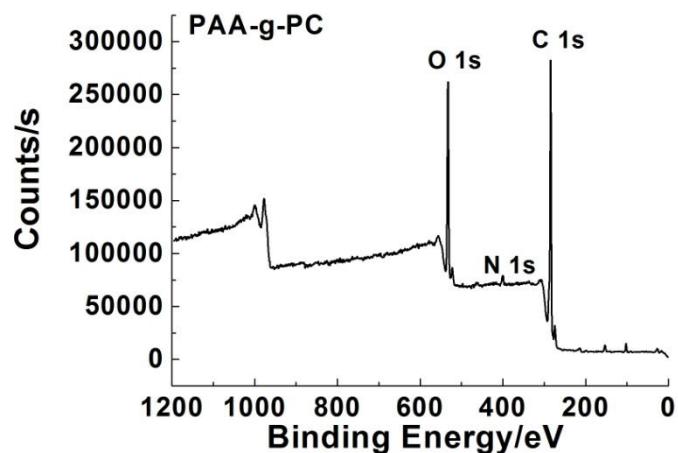


Fig. S2 XPS full-spectra of PAA-g-PC membrane.