## Zwitterionic poly(arylene ether sulfone) membranes for treatment of Reverse Osmosis brine by pervaporation

under the research focus on water purification





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Membrane	Flux (Kg m <sup>-2</sup> h <sup>-1</sup> )	Water Permeance (Kg m <sup>-2</sup> h <sup>-1</sup> bar <sup>-1</sup> )
Pristine PSf	11.43	11.28
SB-PAES (supported)	7.16	286
SB-PAES (unsupported)	17.37	695

Synthesizing membranes of higher charge content and testing their

