Supporting Information

Carbon Nanotube/Polyaniline Nanofiber Ultrafiltration Membranes

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1. Appearances of the PSf and Composite Membranes

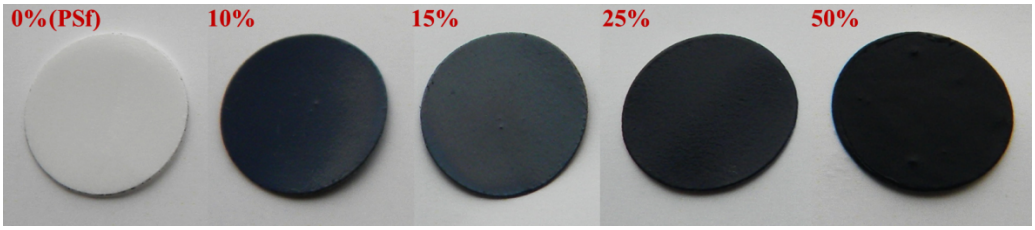

Fig. S1 Appearance of a pure PSf membrane and composite ultrafiltration membranes prepared with the following SWCNT/PANi nanofiber contents: 10, 15, 25, and 50%.

2. Table summaries of Characteristic IR Bands for the PSf and Composite Membranes

Table S1 Characteristic ATR/FT-IR bands for SWCNT/PANi nanofiber composite ultrafiltration membranes

Nanofiber content (%)	Quinoid structure (cm^{-1})	Benzenoid structure (cm^{-1})	C−O stretch (cm^{-1})	O=S=O asymmetric stretch (cm^{-1})	O=S=O symmetric stretch (cm^{-1})
0 (PSf)	1584	1487	1294	1238	1148
10	1584	1487	1294	1239	1148
15	1584	1487	1294	1239	1149
25	1584	1487	1294	1240	1149
50	1584	1487	1294	1241	1150
100	1587	1493	-	-	-