

Electronic Supplementary Information for

## **Preparation of hydrophobic hollow silica nanospheres with porous shells and their application in pollutant removal**

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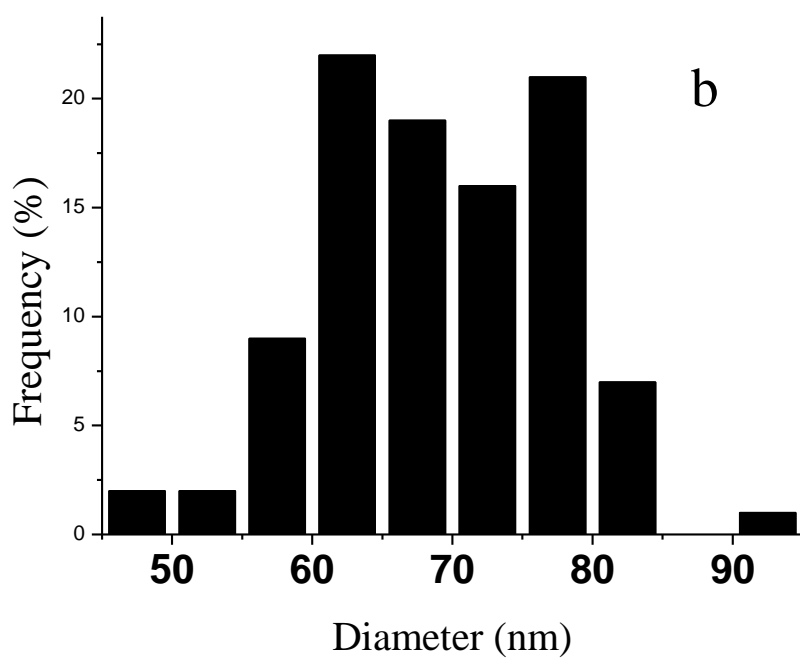
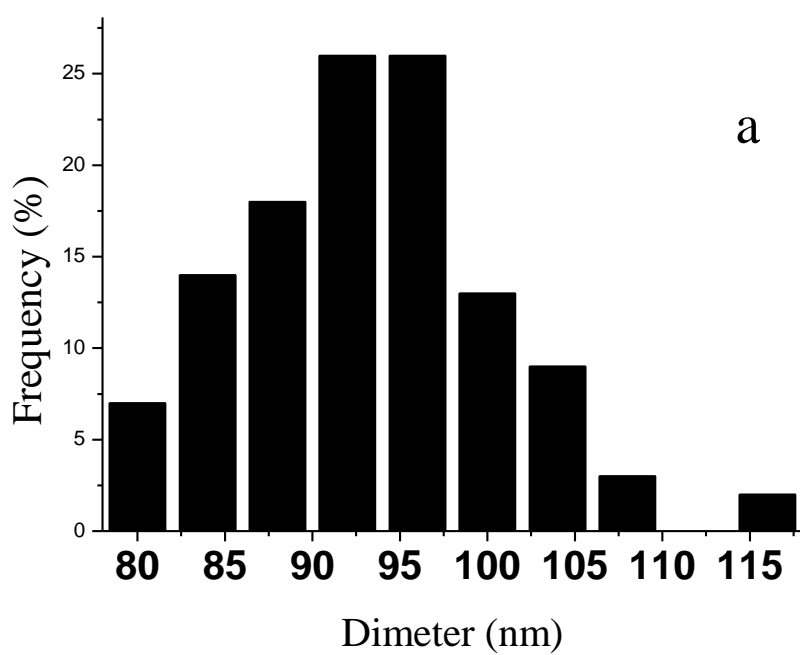
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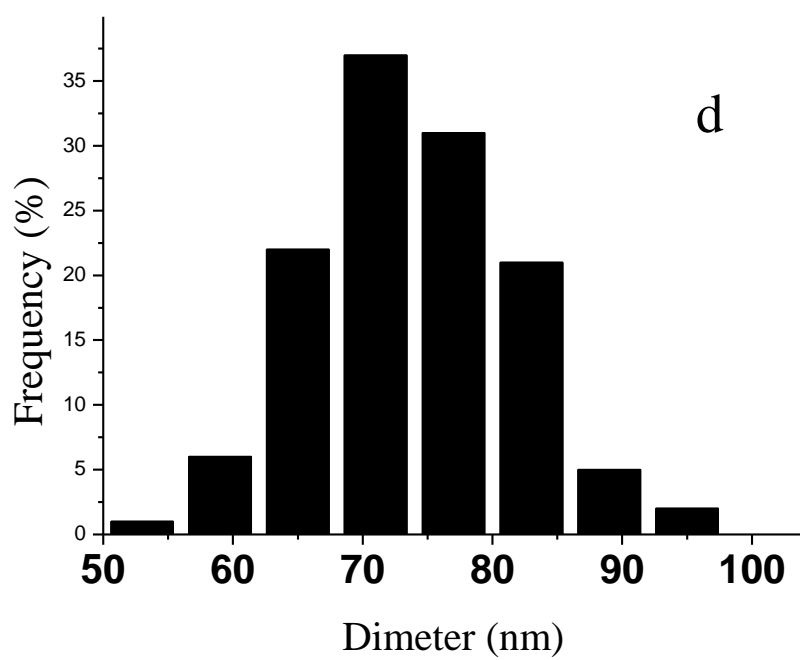
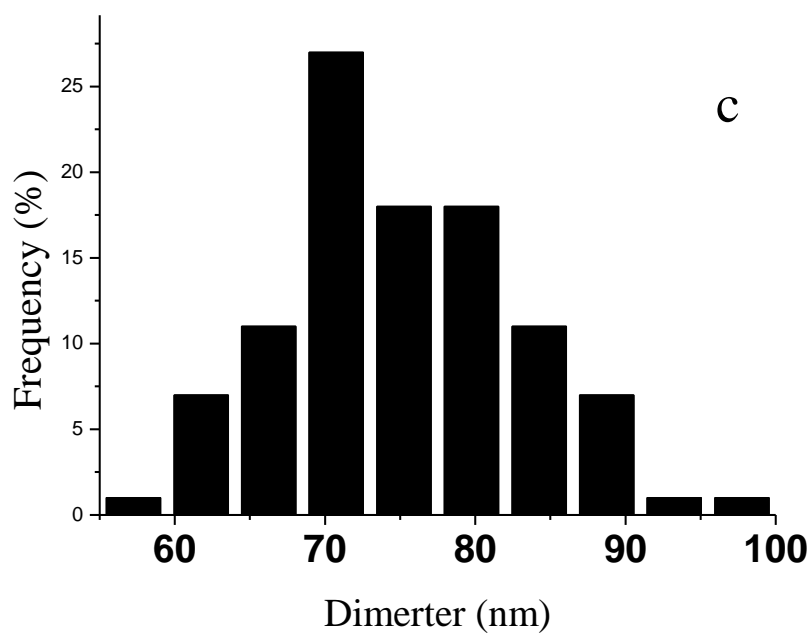
Fig. S1 Size distribution of a, NSS b, NHS c, IBSS d, IBHS

Fig. S2 FT-IR for a, IBHS b, IBSS

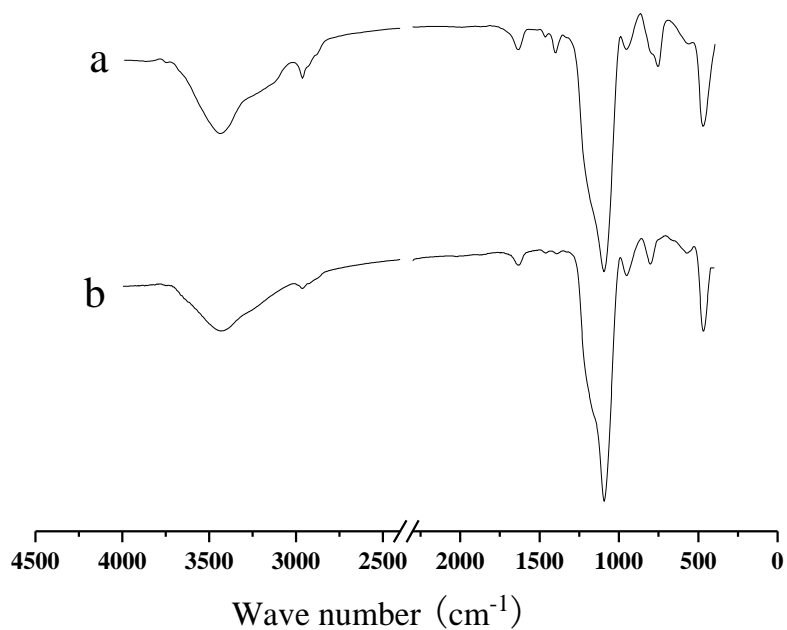
Fig. S3 TGA for a, IBHS b, IBSS

Fig. S4 TEM images of a, PRSS, b, PRHS

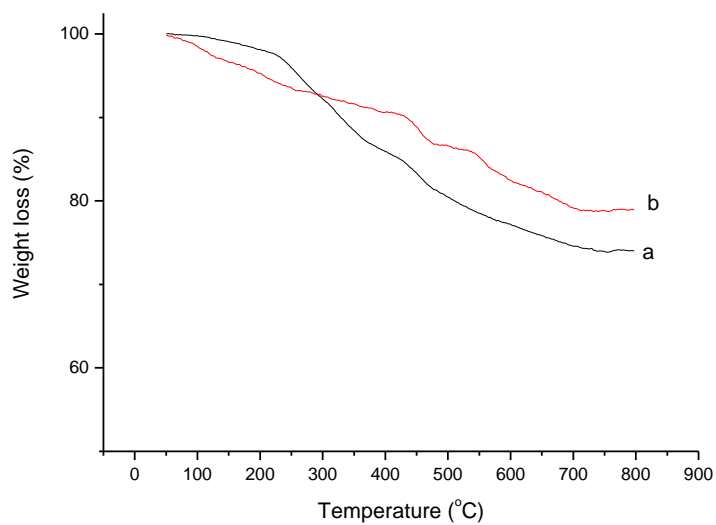




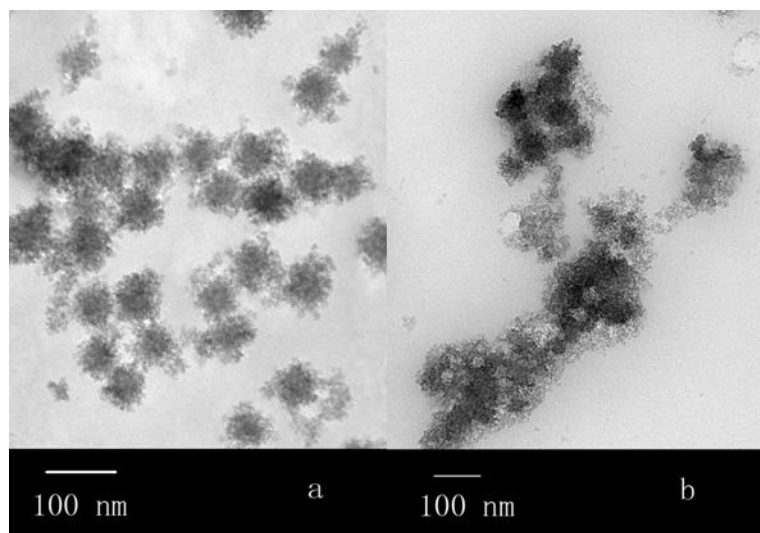
**Fig. S1** Size distribution of a, NSS b, NHS c, IBSS d, IBHS



**Fig. S2** FT-IR for a, IBHS b, IBSS



**Fig. S3** TGA for a, IBHS b, IBSS



**Fig. S4** TEM images of a, PRSS, b, PRHS