

## A novel functional group difference-based selective etching strategy for the synthesis of hollow organic silica nanospheres

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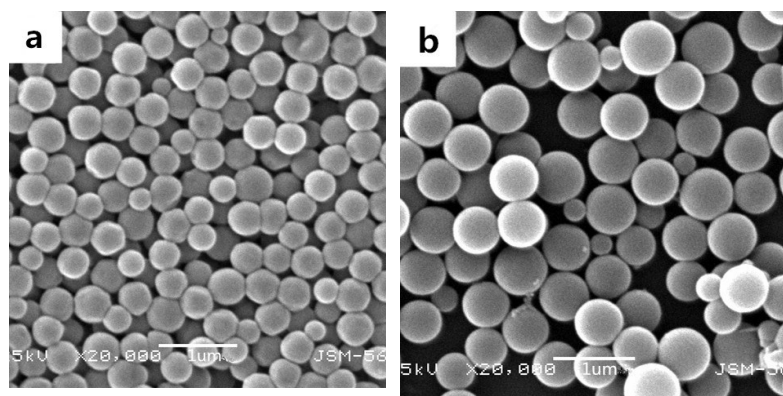


Fig. S1. Typical SEM images of the initial (a) VTES@TCPTES by hydrothermal treatment and (b) TEOS@TCPTES by hydrothermal treatment, respectively.

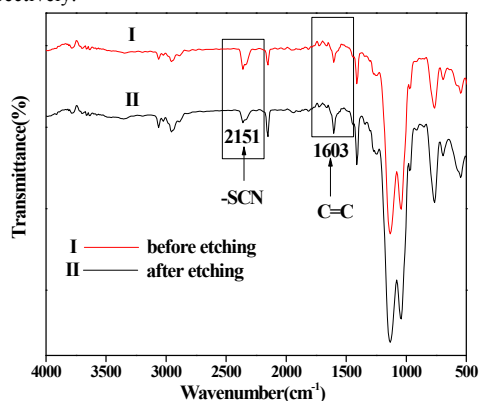


Fig. S2. Typical SEM images of the initial VTES@TCPTES by hydrothermal treatment (I) and VTES@TCPTES by hydrothermal treatment in  $\text{Na}_2\text{CO}_3$  solution at 50 °C for 10 h, respectively.

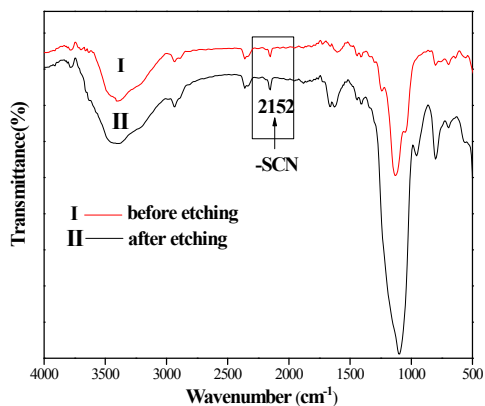


Fig. S3. Typical SEM images of (I) the initial TEOS@TCPTES by hydrothermal treatment and (II) TEOS@TCPTES by hydrothermal treatment in  $\text{Na}_2\text{CO}_3$  solution at 50 °C for 10 h, respectively.