

Fig. S2 The FTIR spectra of UI.

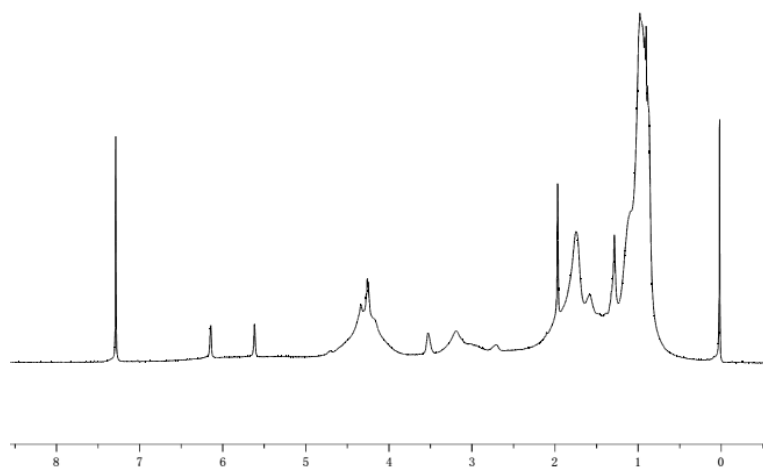


Fig. S3  $^1\text{H}$  NMR spectra of UI.

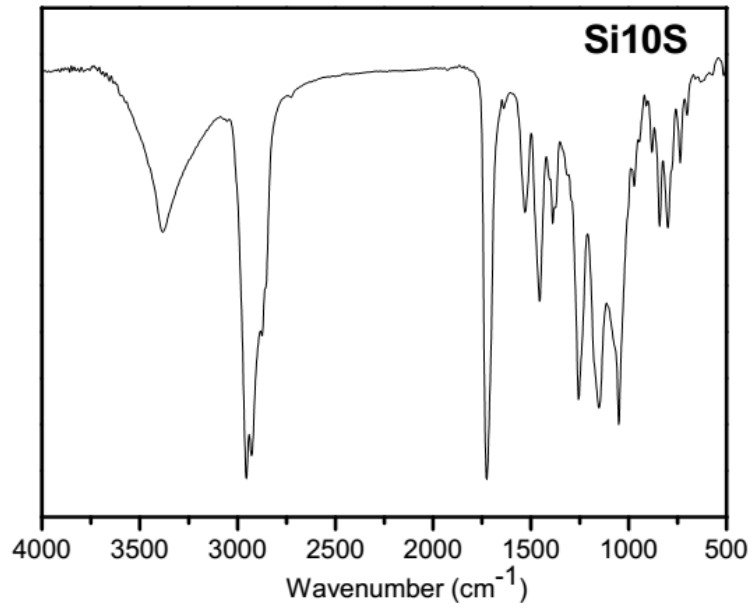


Fig. S4 The FTIR spectra of Si10S.

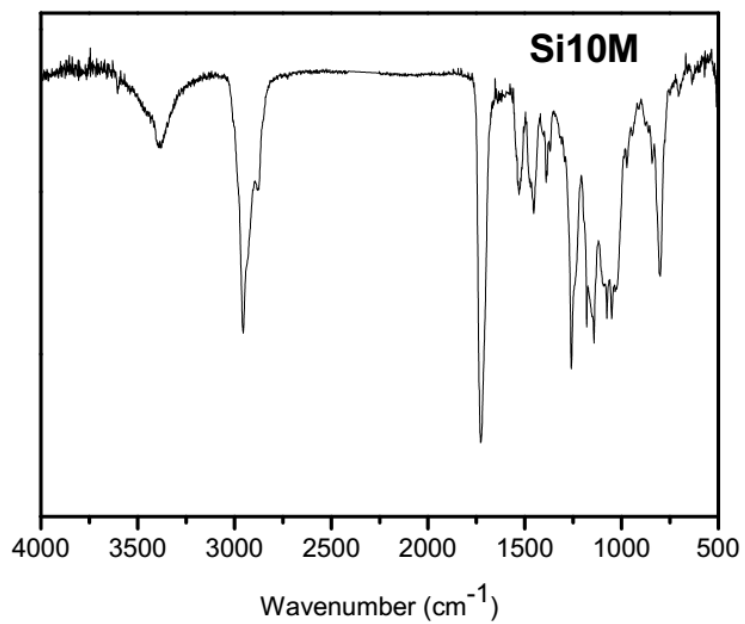


Fig. S5 The FTIR spectra of Si10M.

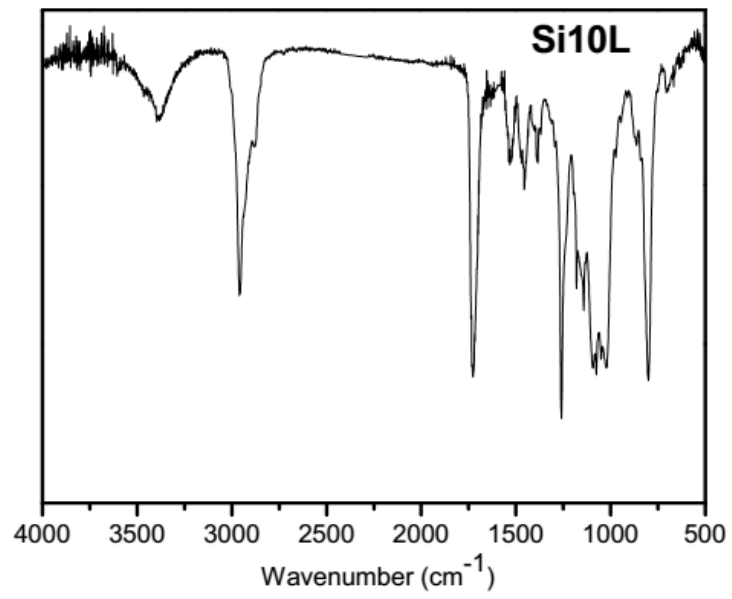


Fig. S6 The FTIR spectra of Si10L.

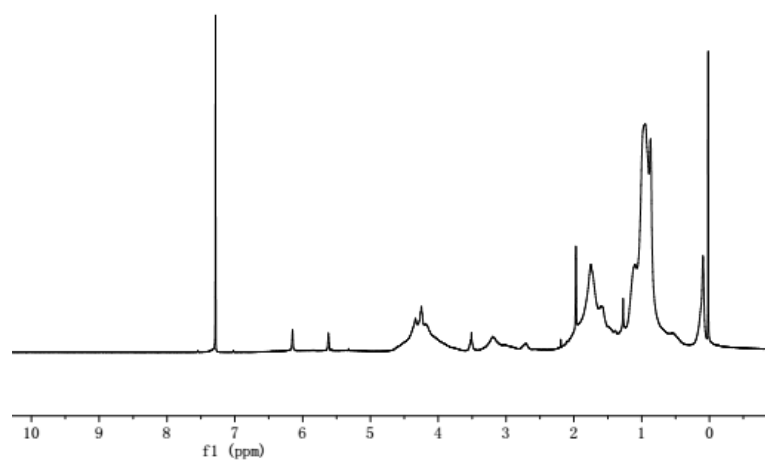


Fig. S7  $^1\text{H}$  NMR spectra of Si10S.

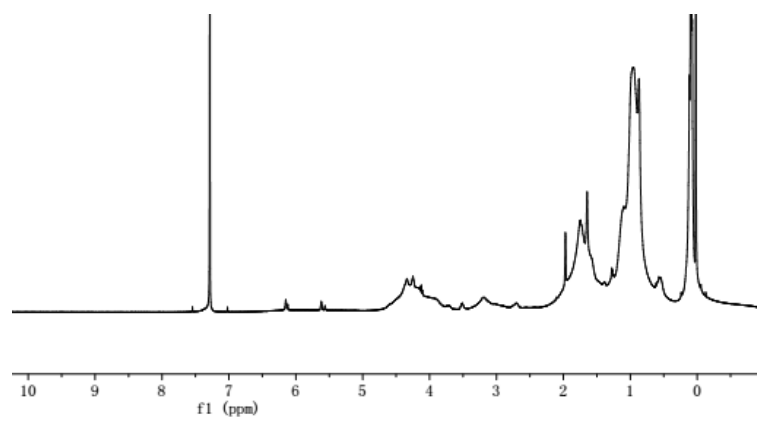


Fig. S8  $^1\text{H}$  NMR spectra of Si10M.



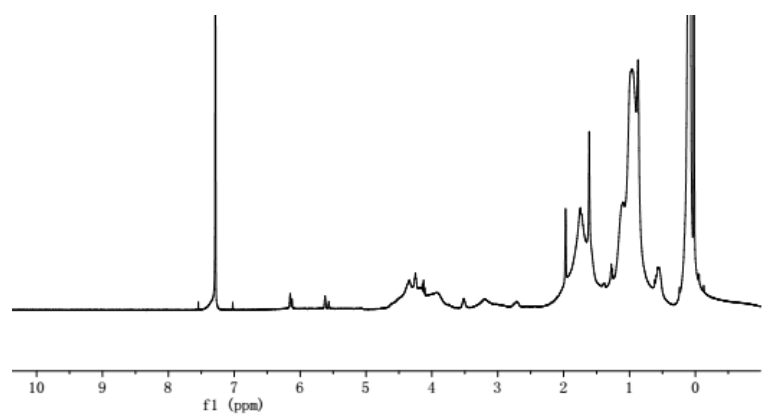


Fig. S9 <sup>1</sup>H NMR spectra of Si10L.

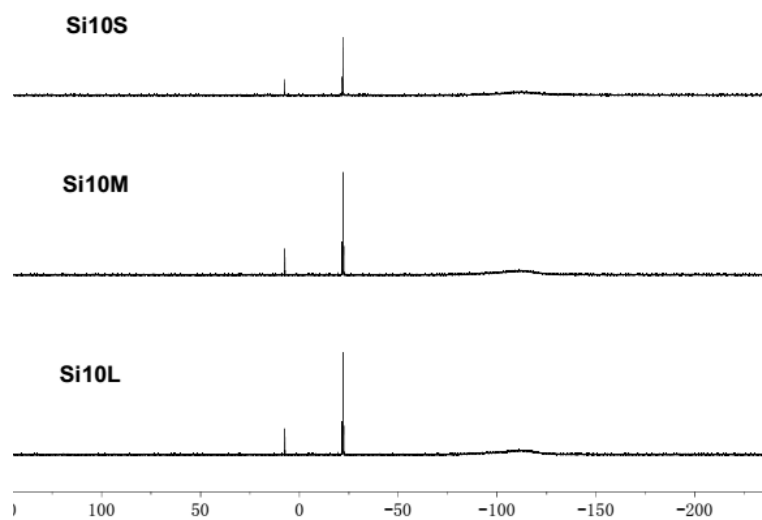


Fig. S10  $^{29}\text{Si}$  NMR spectra of Si10S/M/L.

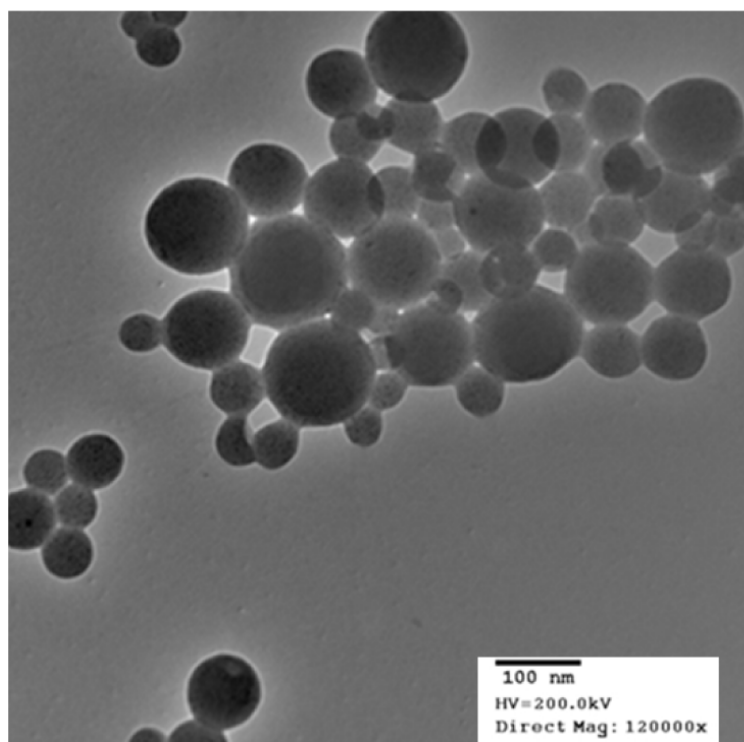


Fig. S11 Transmission electron micrograph of UI.