

## Supporting Information

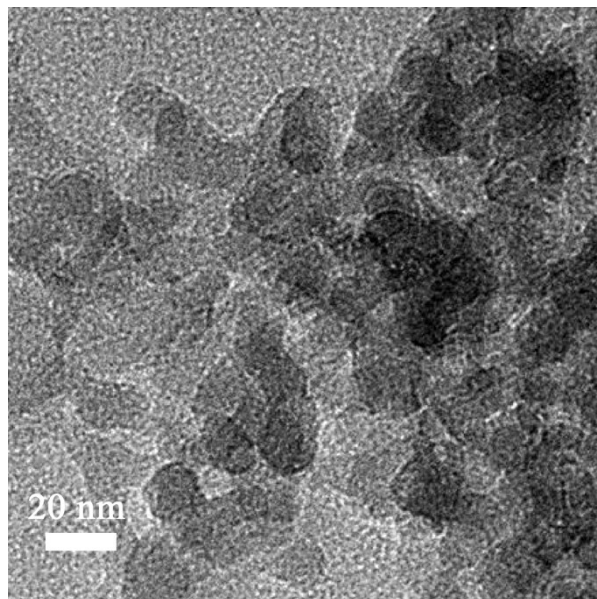
### **Ultralight hybrid silica aerogels derived from supramolecular hydrogels self-assembled from insoluble nano building blocks**

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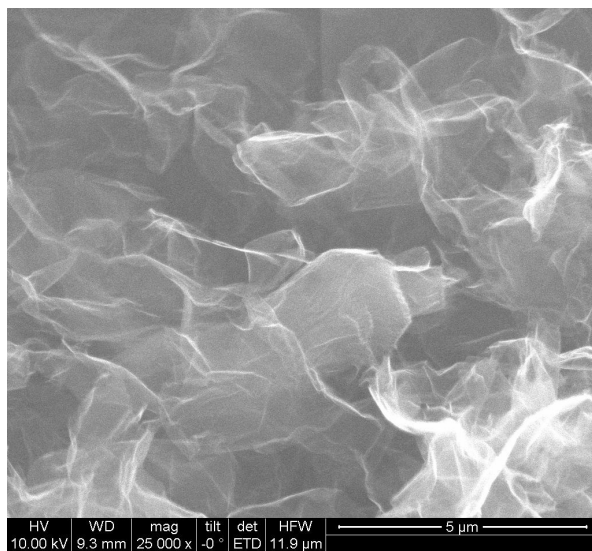
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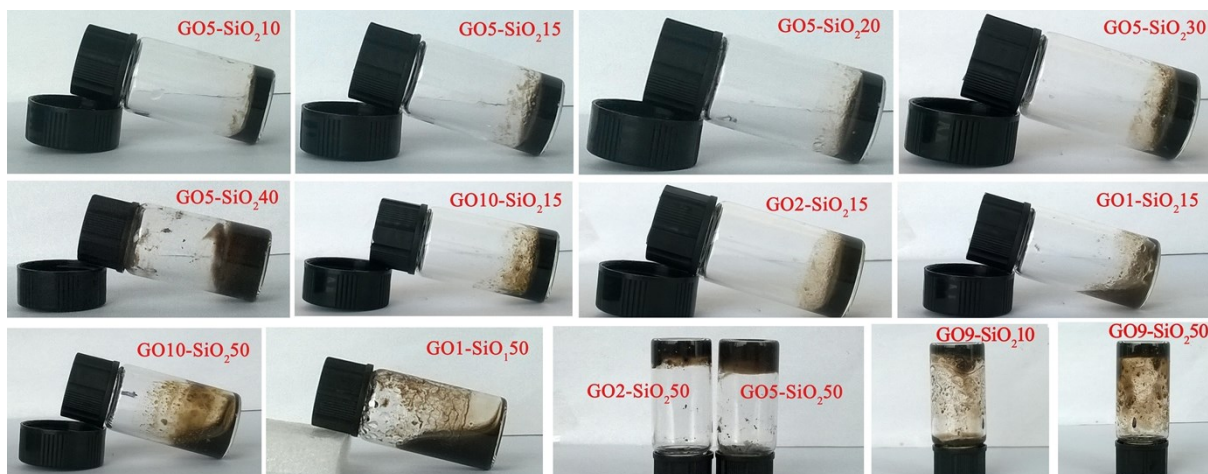
## Figures of the Supporting Information



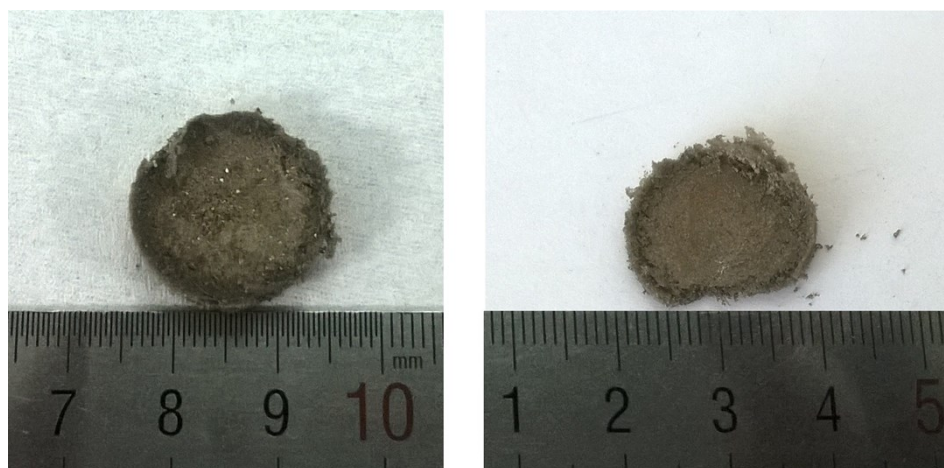
**Figure S1.** TEM image of SiO<sub>2</sub>-NH<sub>2</sub> nanoparticles.



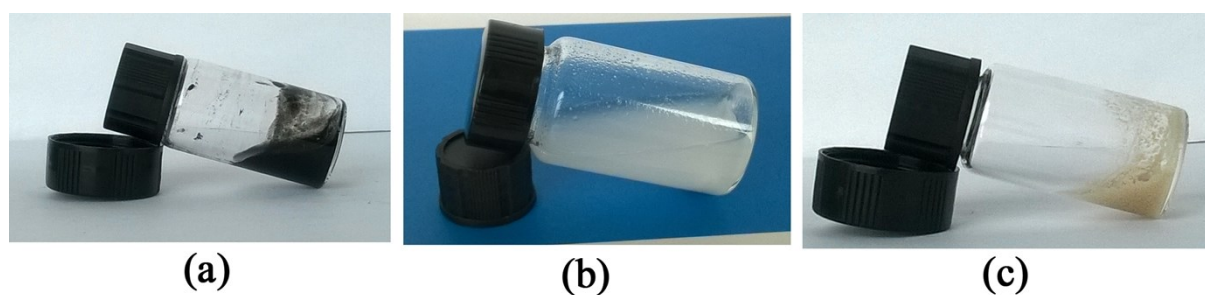
**Figure S2.** SEM image of GO.



**Figure S3.** Photo images of supramolecular hydrogels as indicated.



**Figure S4.** Photo images of the hybrid aerogels: Left: GO5-SiO<sub>2</sub>15; right GO5-SiO<sub>2</sub>10.



**Figure S5.** Photo images of (a) supramolecular hydrogel (GO5-SiO<sub>2</sub>40) at 90 °C; (b) mixture of SiO<sub>2</sub>-OH (20 mg/ml) and SiO<sub>2</sub>-NH<sub>2</sub> (20 mg/ml); and (c) mixture of SiO<sub>2</sub>-OH (20 mg/ml) and GO (5 mg/ml).