

**Supporting Information for**

# Making Silica Nanoparticles-Covered Graphene Oxide Nanohybrids as General Building Blocks for Large-Area Superhydrophilic Coatings

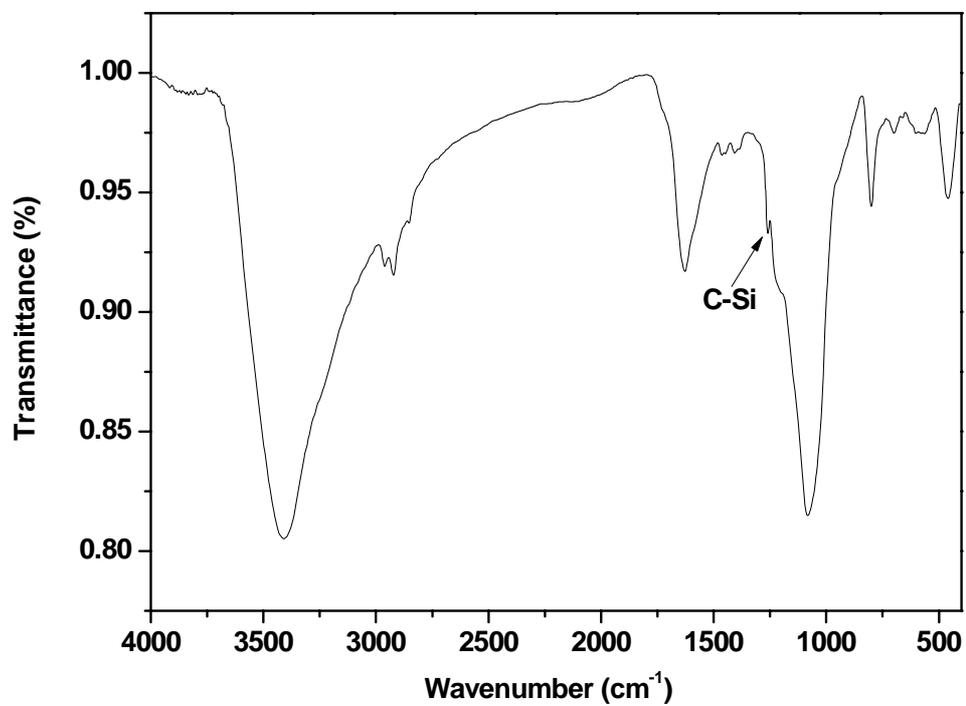
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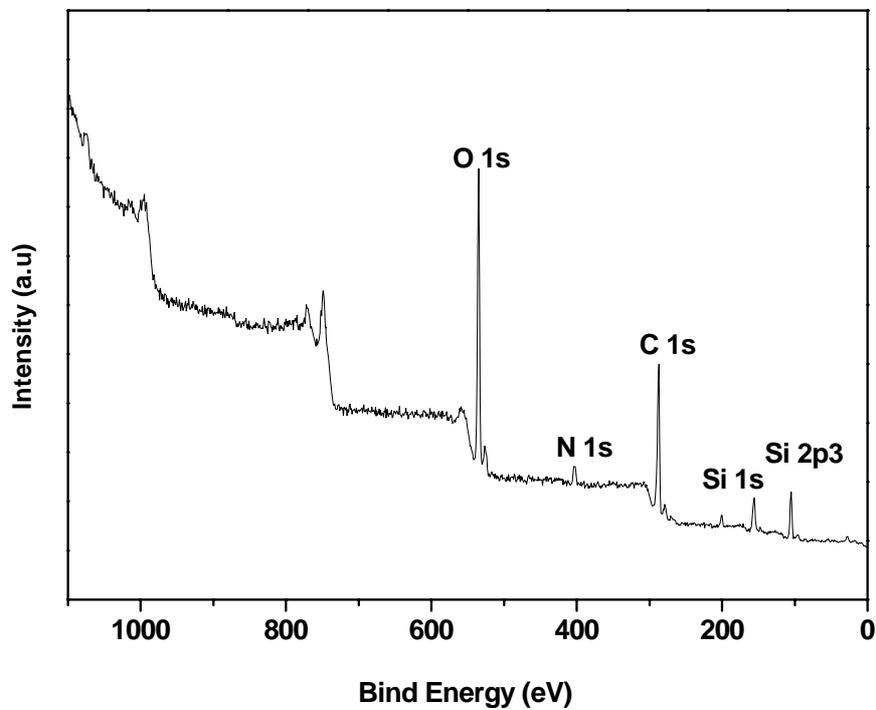
1. FTIR spectra of GO-SiO<sub>2</sub>-NH<sub>2</sub>
2. XPS pattern of GO-SiO<sub>2</sub>-NH<sub>2</sub>
3. EDX spectra of GO-SiO<sub>2</sub> from TEM measurement
4. EDX spectra of GO-SiO<sub>2</sub> (A) and bGO-SiO<sub>2</sub> (B) from SEM measurement

## 1. FTIR spectrum of GO-SiO<sub>2</sub>-NH<sub>2</sub>



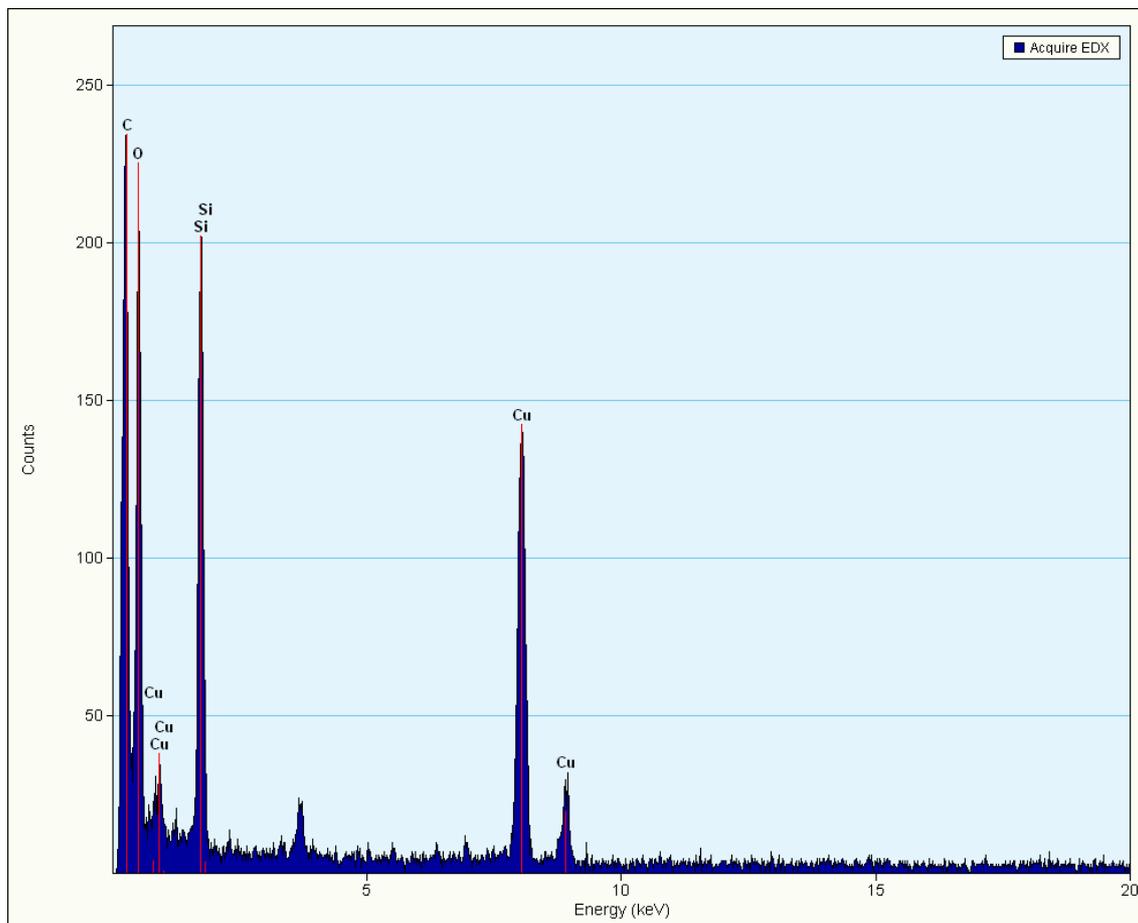
**Figure S1.** FTIR spectrum of GO-SiO<sub>2</sub>-NH<sub>2</sub>

## 2. XPS pattern of GO-SiO<sub>2</sub>-NH<sub>2</sub>



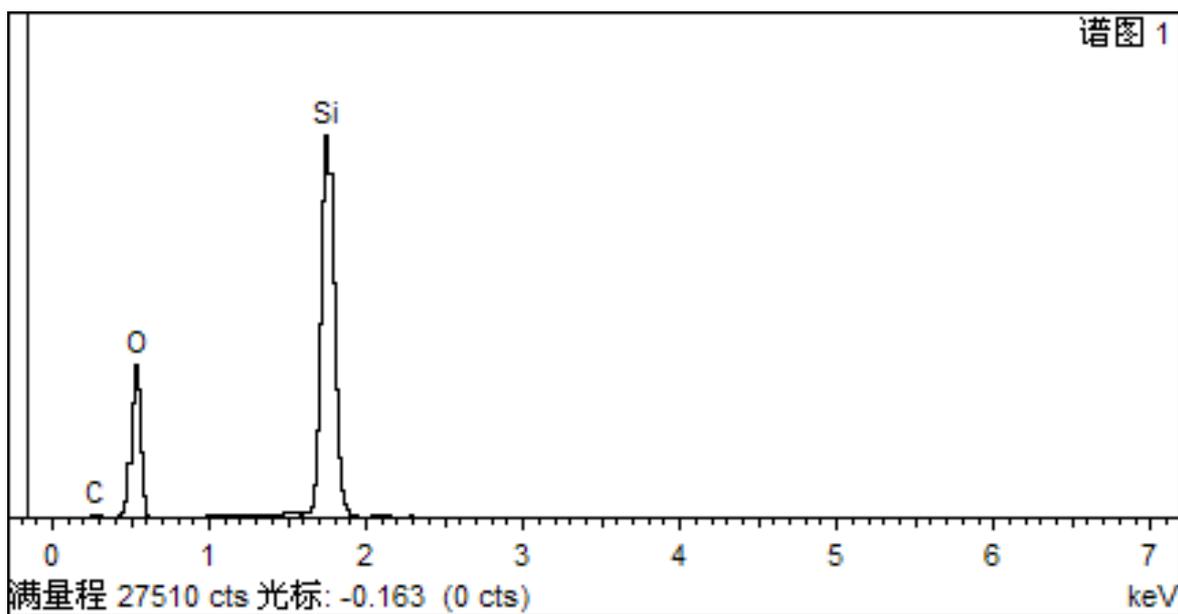
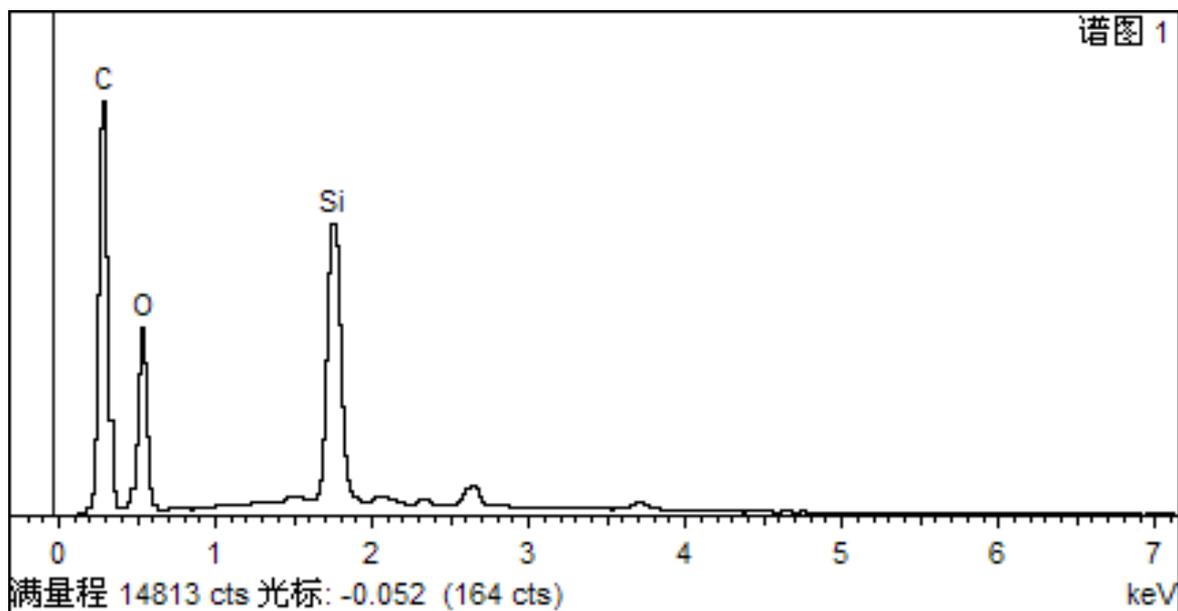
**Figure S2.** XPS pattern of GO-SiO<sub>2</sub>-NH<sub>2</sub>

### 3. EDX spectrum of GO-SiO<sub>2</sub> from TEM measurement



**Figure S3.** EDX spectrum of GO-SiO<sub>2</sub> from TEM measurement.

#### 4. EDX spectra of GO-SiO<sub>2</sub> (A) and bGO-SiO<sub>2</sub> (B) from SEM measurements



**Figure S4.** EDX spectra of GO-SiO<sub>2</sub> (A) and bGO-SiO<sub>2</sub> (B) from SEM measurements.