

# Supplementary Materials: Green Synthesis of a Functionalized Zirconium-Based Metal–Organic Framework for Water and Ethanol Adsorption

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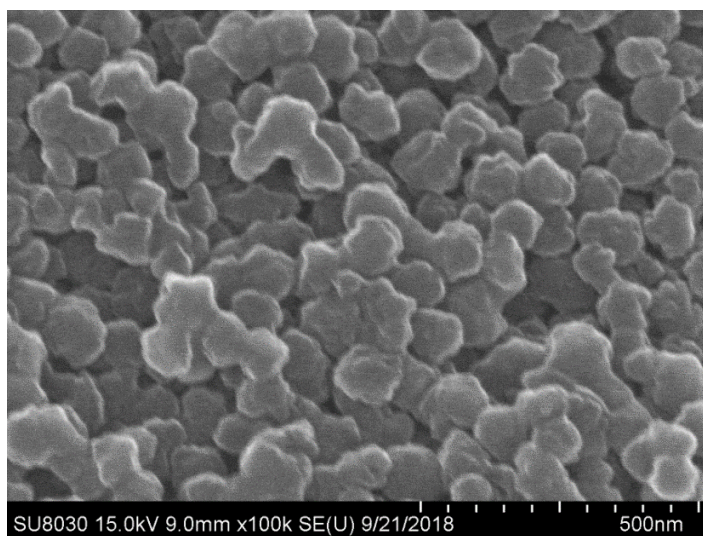


Figure S1. A SEM image of UiO-66-NO<sub>2</sub>.

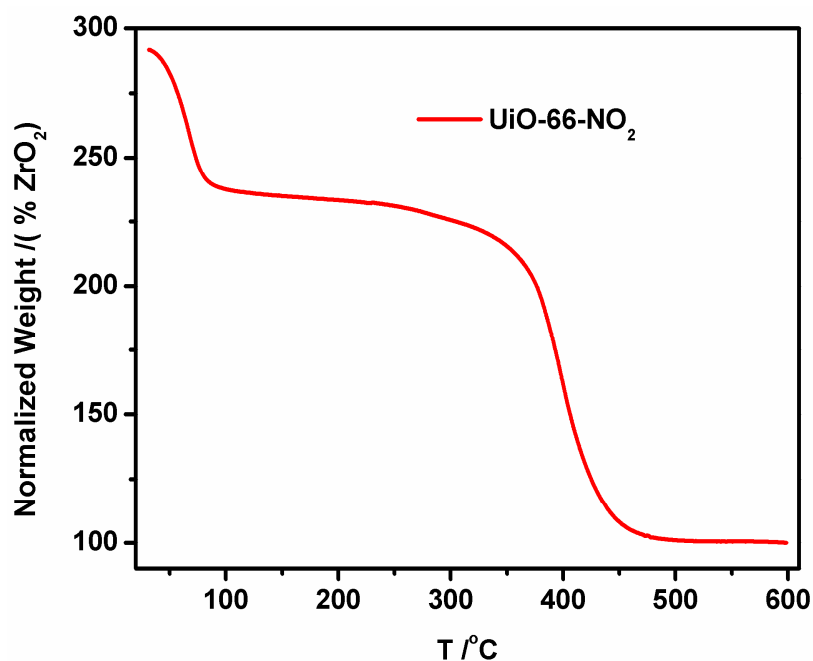


Figure S2. TGA plot of UiO-66-NO<sub>2</sub> under air flow based on the normalization of ZrO<sub>2</sub> to 100%. The defect amount is estimated based on the normalized weight at 350 °C.

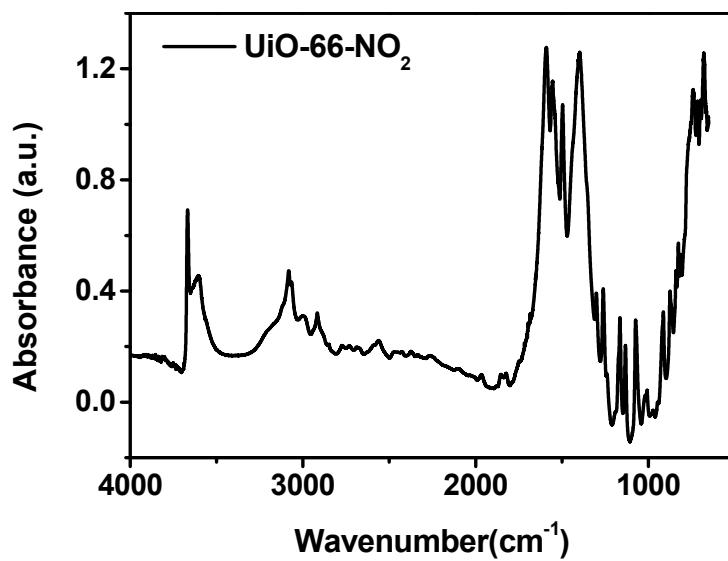


Figure S3. DRIFTS spectrum of UiO-66-NO<sub>2</sub>.