

Supplementary Information

Microcalorimetric Insight into the Analysis of the Reactive Adsorption of Ammonia on Cu-MOF and its Composite with Graphite Oxide

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Figures

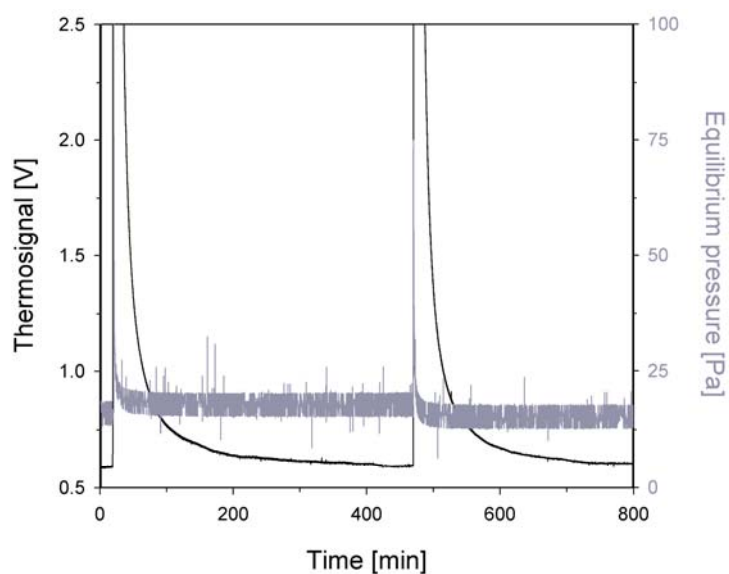


Figure S1. Selected raw data of the equilibrium pressure of NH_3 for an individual adsorption step (grey), with the corresponding integral heat signal (black) for HKUST-1. The coverage is about 1.0 mmol.g^{-1} .

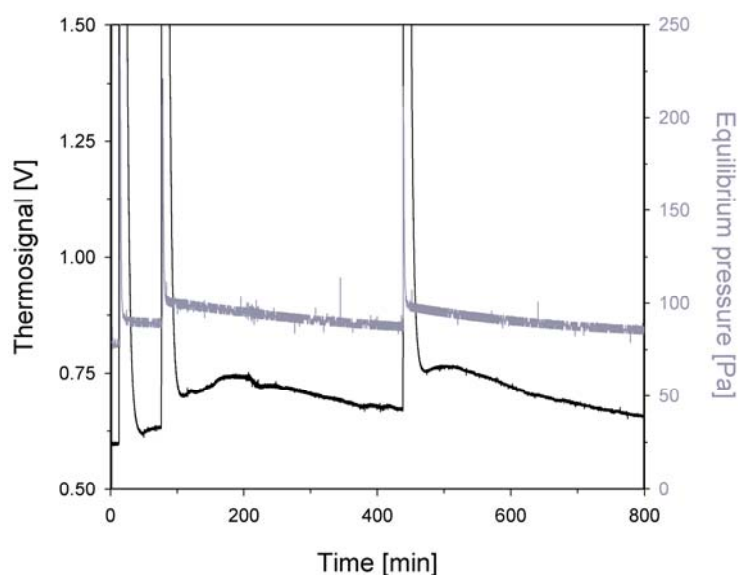


Figure S2. Selected raw data of the equilibrium pressure of NH_3 for an individual adsorption step (grey), with the corresponding integral heat signal (black) for HKUST-1. The coverage range is above 4.7 mmol.g^{-1} . The bumps in the integral heat signal indicate secondary processes.

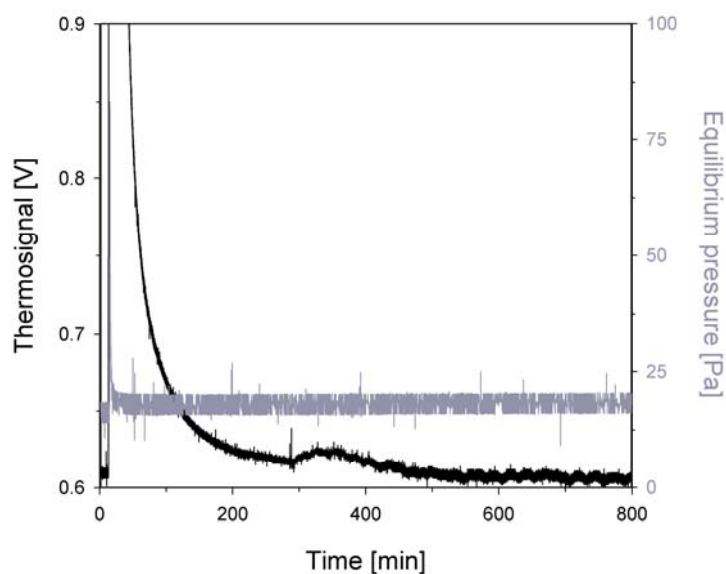


Figure S3. Selected raw data of the equilibrium pressure of NH_3 for an individual adsorption step (grey), with the corresponding integral heat signal (black) for HKUST-1/GO. The coverage is about 0.7 mmol.g^{-1} . The bump in the integral heat signal indicates secondary processes.

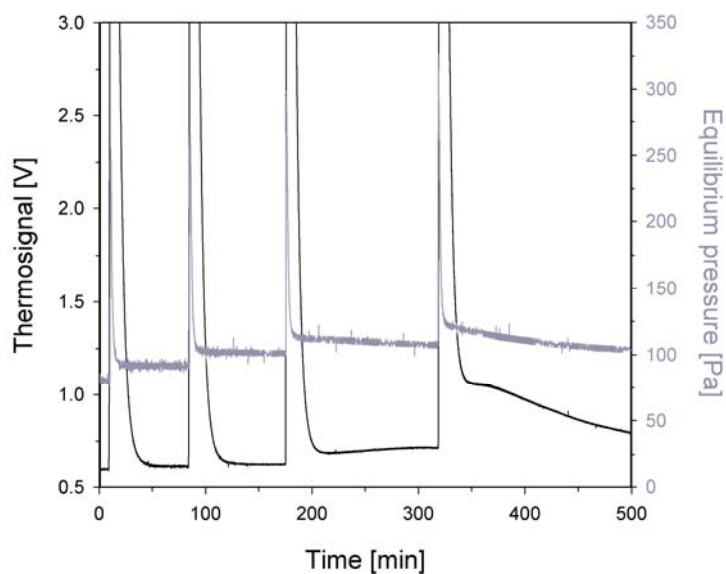


Figure S4. Selected raw data of the equilibrium pressure of NH_3 for an individual adsorption step (grey), with the corresponding integral heat signal (black) for HKUST-1/GO. The coverage range is about 4.0 to 5.0 mmol.g^{-1} . The bumps in the integral heat signal indicate secondary processes.