Supporting Information

Tuning the Selectivity of Highly Sensitive Chemiresistive Nanoparticle Networks by Encapsulation with Metal-Organic Frameworks

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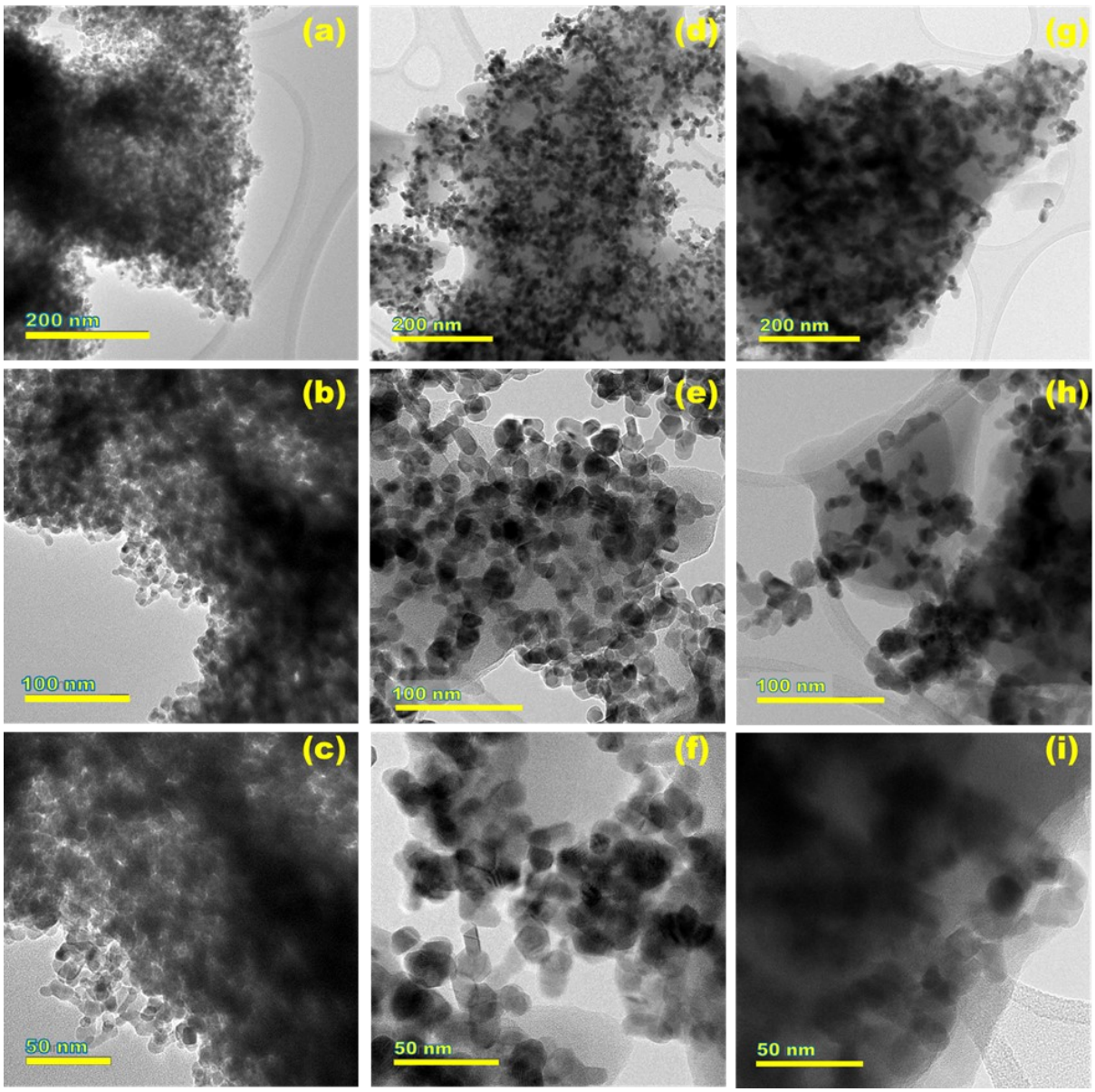

Fig. S1. Low magnification TEM images of (a-c) 1 nm ZIF-8/SnO_2, (d-f) 3 nm ZIF-8/SnO_2 (g-i) 10 nm ZIF-8/SnO_2.

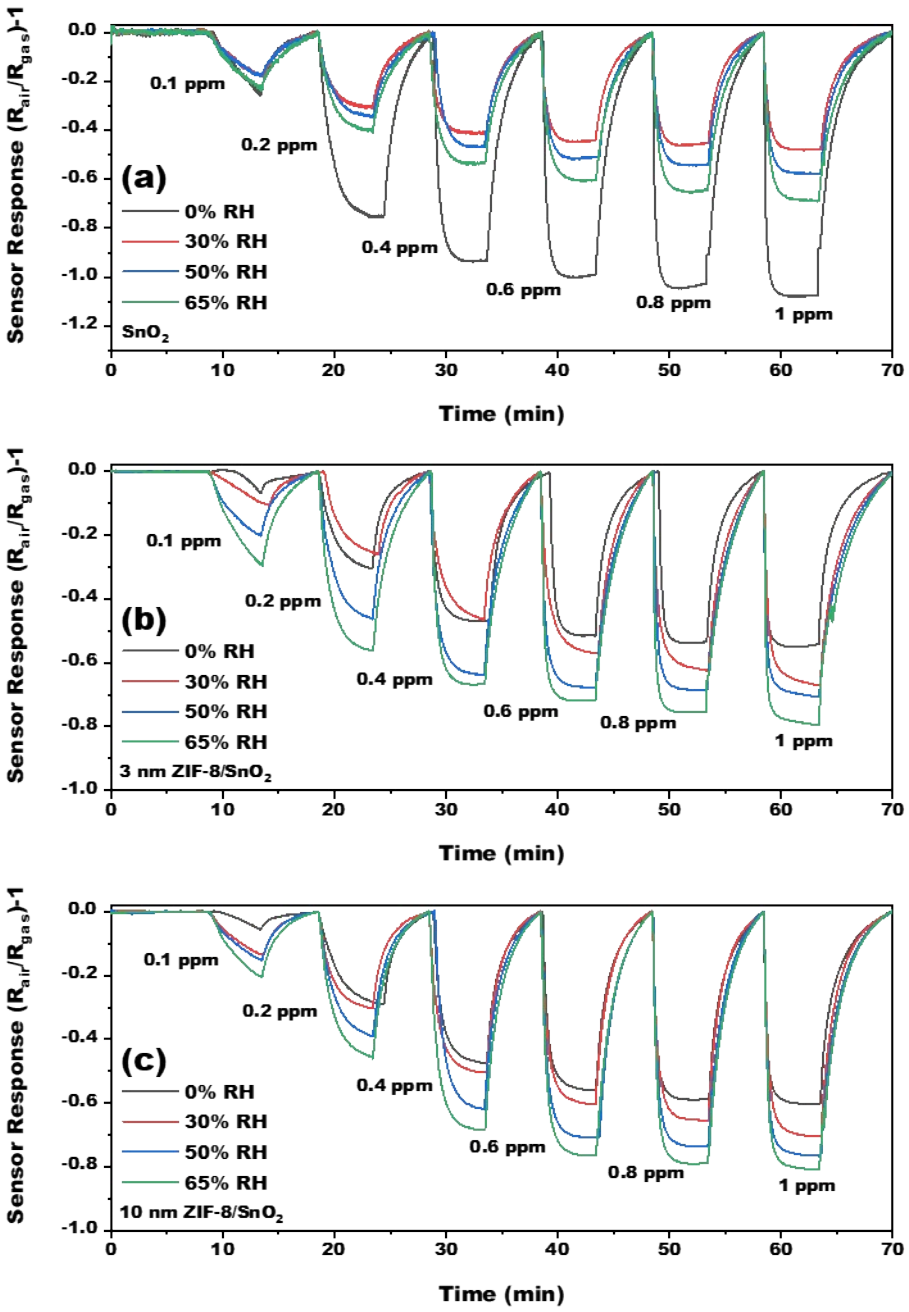

Fig. S2. Dynamic sensing response of (a) SnO_2, (b) 3 nm ZIF-8/SnO_2 and (c) 10 nm ZIF-8/SnO_2 towards NO_2 as a function of concentration from 0.1–1 ppm under different RH conditions. All measurements were performed at 150 °C under solar irradiation.