Supplementary material

ppb-Level selective hydrogen gas detection of Pd-functionalized In$_2$O$_3$-loaded ZnO nanofiber gas sensors

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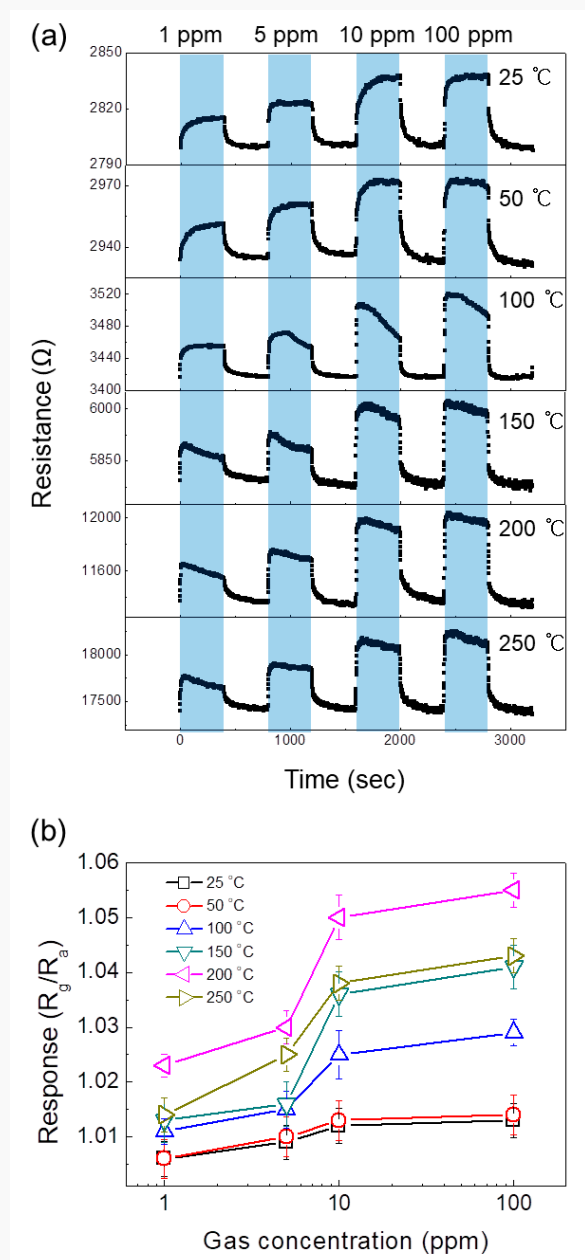
Figure S1. (a) Dynamic resistance curves of the pure Pd gas sensor to various concentrations of H₂ gases at different temperatures. (b) Corresponding calibration curves.
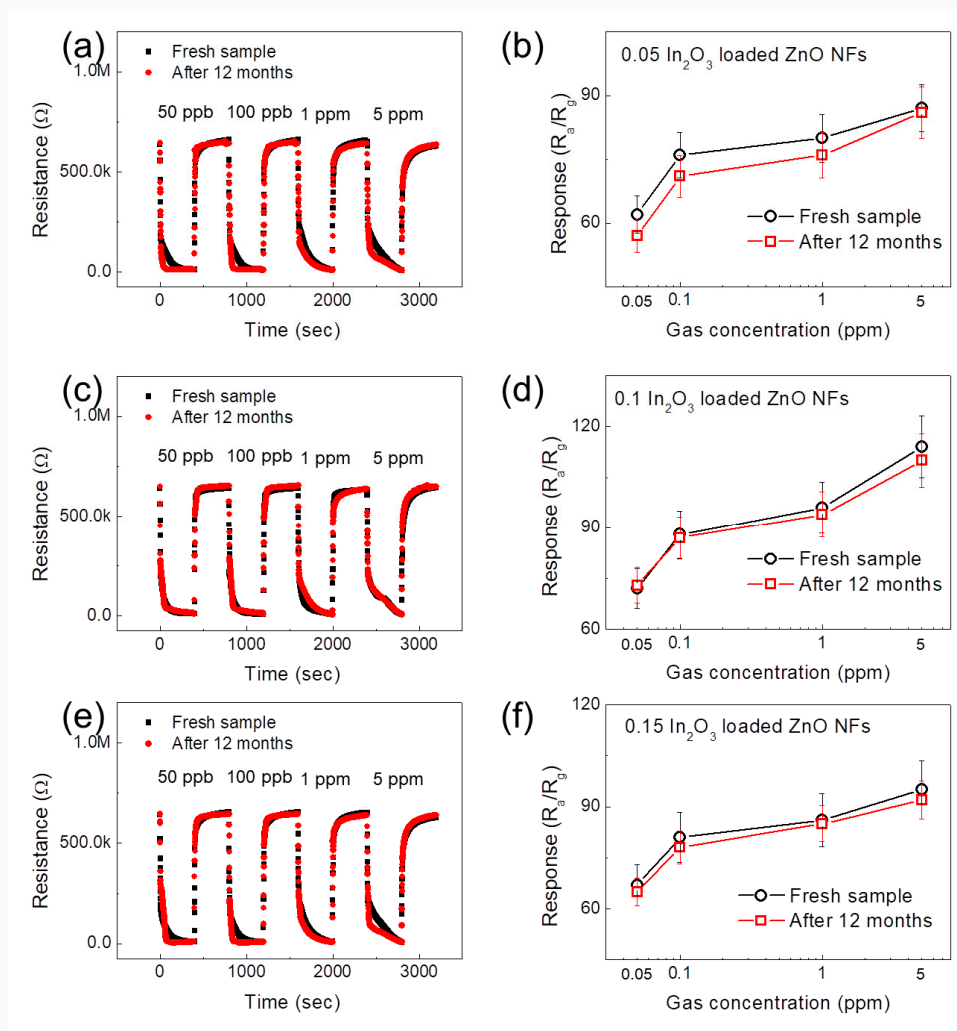
Figure S2. Dynamic resistance curves and corresponding response versus H₂ gas concentration of the fresh and 12 months aged (a) and (b) 0.05, (c) and (d) 0.1 and (e) and (f) 0.15 In₂O₃-loaded ZnO NFs gas sensors, respectively.