Supporting Information

Reduced Graphene Oxide-Transition Metal Hybrids as p-Type Semiconductor for Acetaldehyde Sensing

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Figure S1. Raman spectra of (a) GO and rGO, (b) GO-Mn and rGO-Mn, (c) GO-Fe and rGO-Fe, and (d) GO-Co and rGO-Co.
Figure S2. IR spectra of the samples.
Figure S2.FE-SEM images of cross section for (a) GO, (b) rGO, (c) GO-Mn, (d) rGO-Mn, (e) GO-Fe, (f) rGO-Fe, (g) GO-Co, (h) rGO-Co, (i) GO-Ni and (j) rGO-Ni.
Figure S4. FE-SEM images of cross section for, (a) GO-Fe, (b) rGO-Fe, (c) GO-Co, (d) rGO-Co, (e) GO-Ni and (f) rGO-Ni (g) GO-Mn and (h) rGO-Mn.