Supporting Information

Nearly Monodisperse Cu₂O and CuO Nanospheres: Preparation and Applications for Sensitive Gas Sensors

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SI-Figure 1: The typical XRD pattern of as-prepared nearly monodisperse Cu₂O nanospheres.

SI-Figure 2: A) Size distribution histogram of nearly monodisperse Cu₂O nanospheres shown in Figure 1C, D. B) Size distribution histogram of nearly monodisperse Cu₂O nanospheres shown in Figure 1E, F. The size data was collected by ~200 nanospheres from enlarged TEM photos or SEM

image.

SI-Figure 3: The SEM image of as-obtained Cu₂O nanospheres when adding excessive H₂O.

SI-Figure 4: The SEM images of octahedral micro-particles (A) and nanoparticles (B) used for gas sensors.