Fig. S1 N₂ adsorption–desorption isotherm of the CuO porous microspheres. The inset is corresponding pore size distribution plot.

Fig. S2 UV-visible absorption spectra of reduction of MO (a) and MB (b) for various time intervals using the porous CuO microspheres in the presence of H₂O₂.

Fig. S3 SEM picture of the CuO after the six cycles (a) and FTIR spectra of the CuO before and after the RhB degradation.