

Chemical synthesis, characterisation and gas sensing performance of copper oxide nanoribbons

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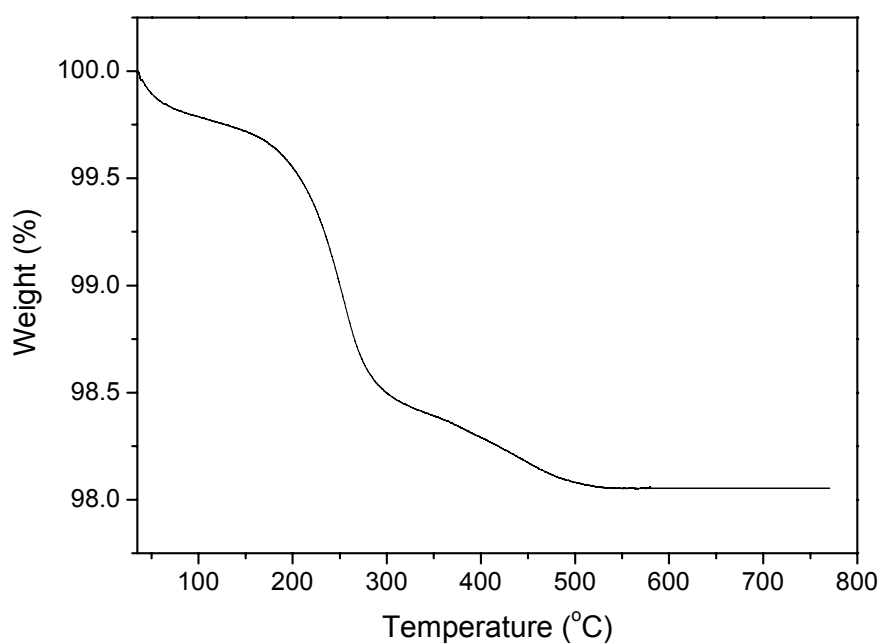


Fig. S-1 TGA curve of CuO nanoribbons, showing the existing of 2 wt% SDBS surfactant.

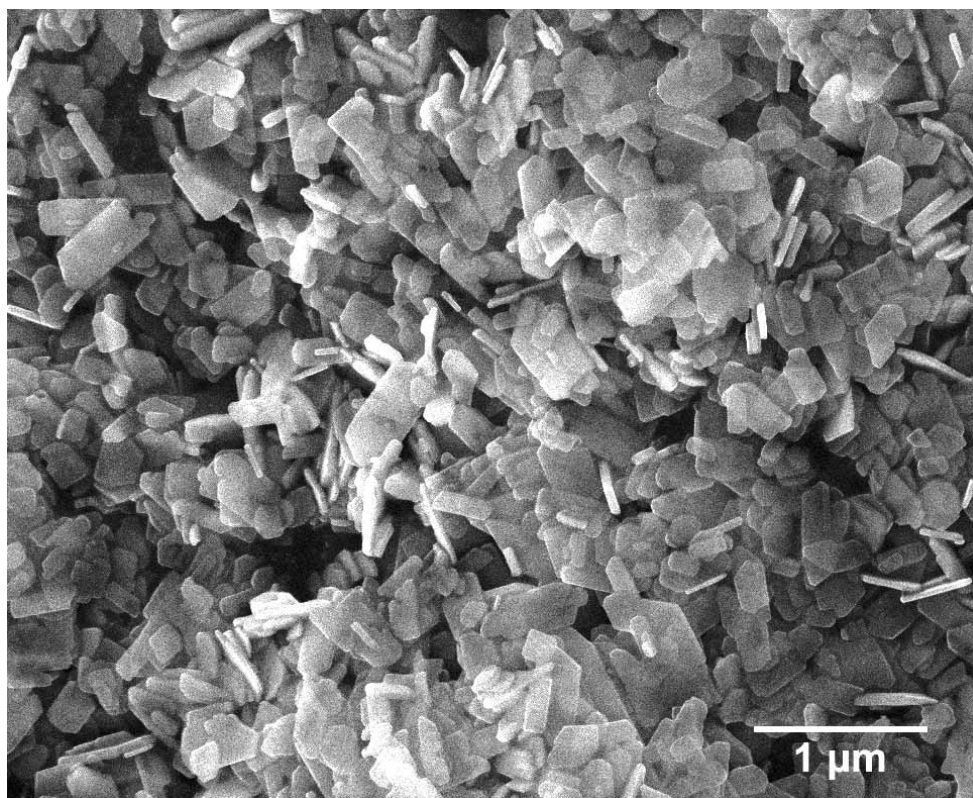


Fig. S-2 SEM image of CuO nanoplates.

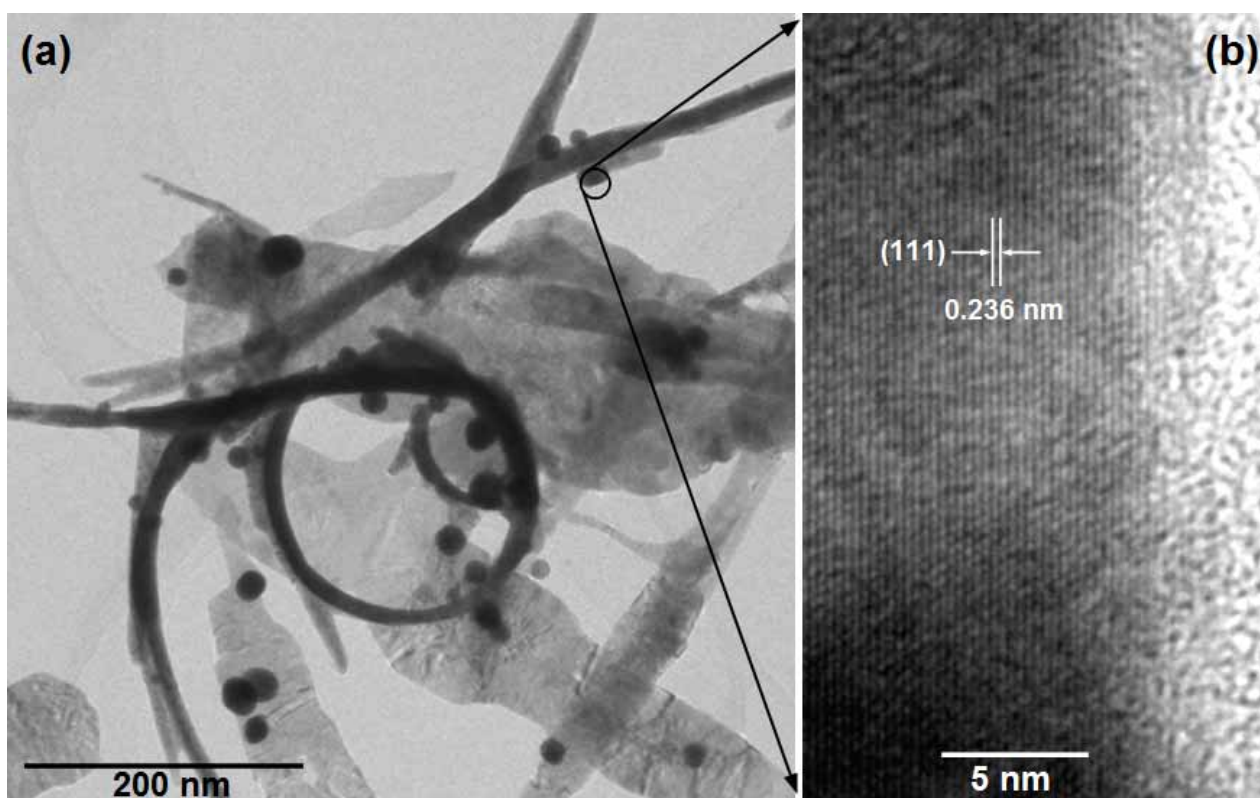


Fig. S-3 (a) TEM image Au loaded CuO nanoribbons; (b) HRTEM image of the Au nanoparticle. It clearly shows the (111) lattice planes of Au with the interplanar spacing of 0.236 nm.

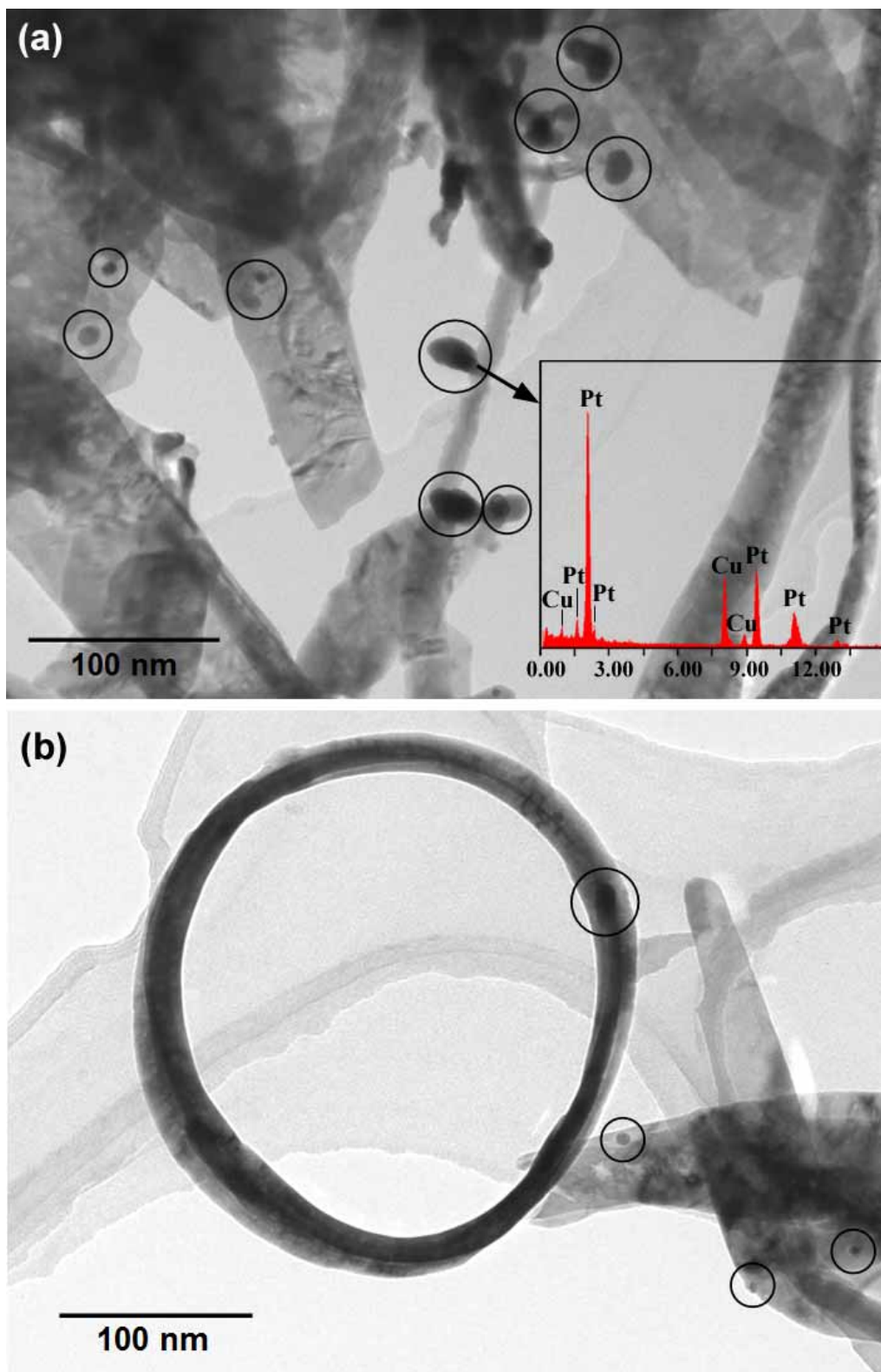


Fig. S-4 (a) TEM image of Pt loaded CuO nanoribbons. The inset is the EDS spectra of a Pt nanoparticle. (b) TEM image of a CuO nanoring and nanoribbons with the loading of Pt nanoparticles.