Electronic Supplementary Material (ESI) for RSC Advances.

N,N'-di-caboxy methyl perylene diimides (PDI) functionalized CuO nanocomposites with enhanced peroxidase-like activity and their application in visual biosensing of H_2O_2 and glucose

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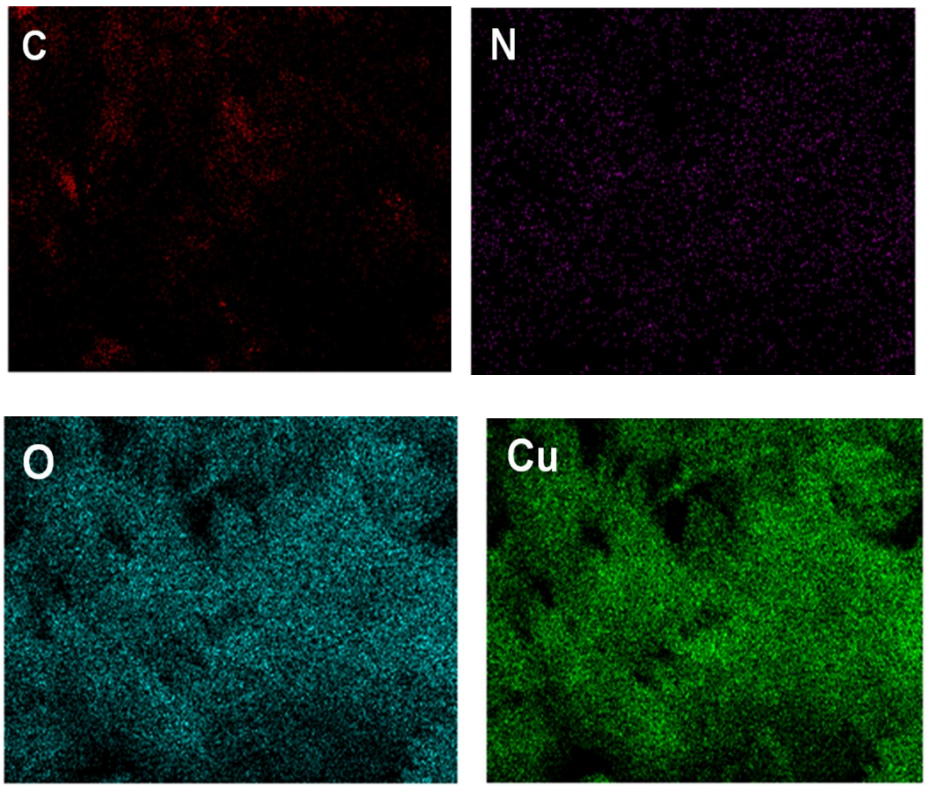

Fig. s1 The EDS mapping images of PDI-CuO nanocomposites.

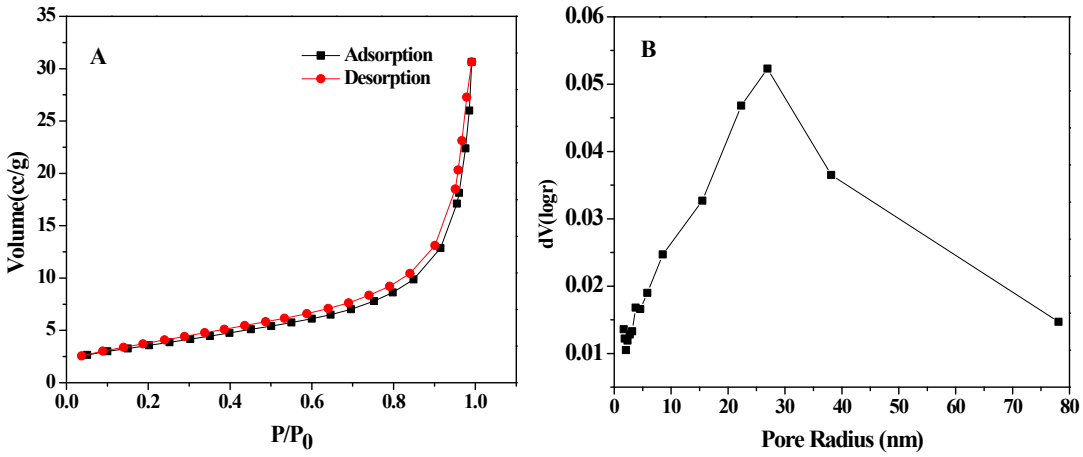

Fig. s2 N_2 adsorption/desorption isotherms (A) and pore size distribution obtained from the N_2 desorption data (B).

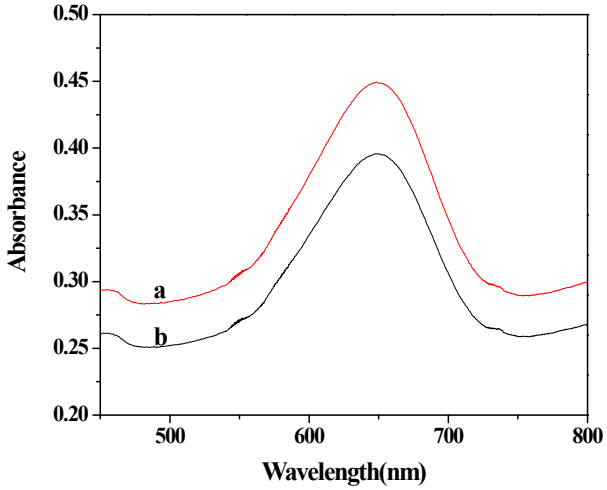

Fig. s3 Typical photographs and absorbance curves of PDI-CuO nanobelts with different structures under the same reaction condition: (a) with pore and (b) without pore (TMB: 2 mM; H_2O_2: 0.25 M; PDI-CuO: 0.3 mg mL^{-1}).