Supporting Information

CuO nanothorn arrays on three-dimensional copper foam as ultra-highly sensitive and efficient nonenzymatic glucose sensor

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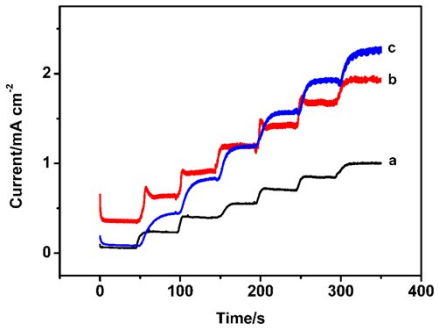

Fig. S1 Amperometric responses of the Cu foam (a), NTs-Cu(OH)$_2$/Cu foam (b), NTs-CuO/Cu foam at 0.5 V (vs. Ag/AgCl) in 0.1 M NaOH solution with successive addition of 50 μM glucose.

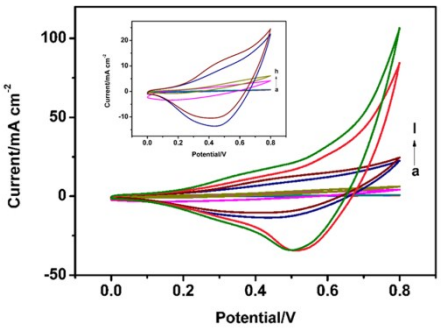

Fig. S2 Electroanalytical effect of different concentrations of NaOH ((a) 0.1 mM, (b) 1 mM, (c) 10 mM, (d) 0.1 M, (e) 1 M) in the presence of 1 mM glucose. Inset shows the enlarged electroanalytical effect of different concentrations of NaOH (a) 0.1 mM, (b) 1 mM, (c) 10 mM, (d) 0.1 M in the presence of 1 mM glucose.