

Supporting Information

One-pot electrochemical preparation of copper species immobilized poly(o-aminophenol)/MWCNT composite for excellent electrocatalytic activity of H₂O₂ sensor

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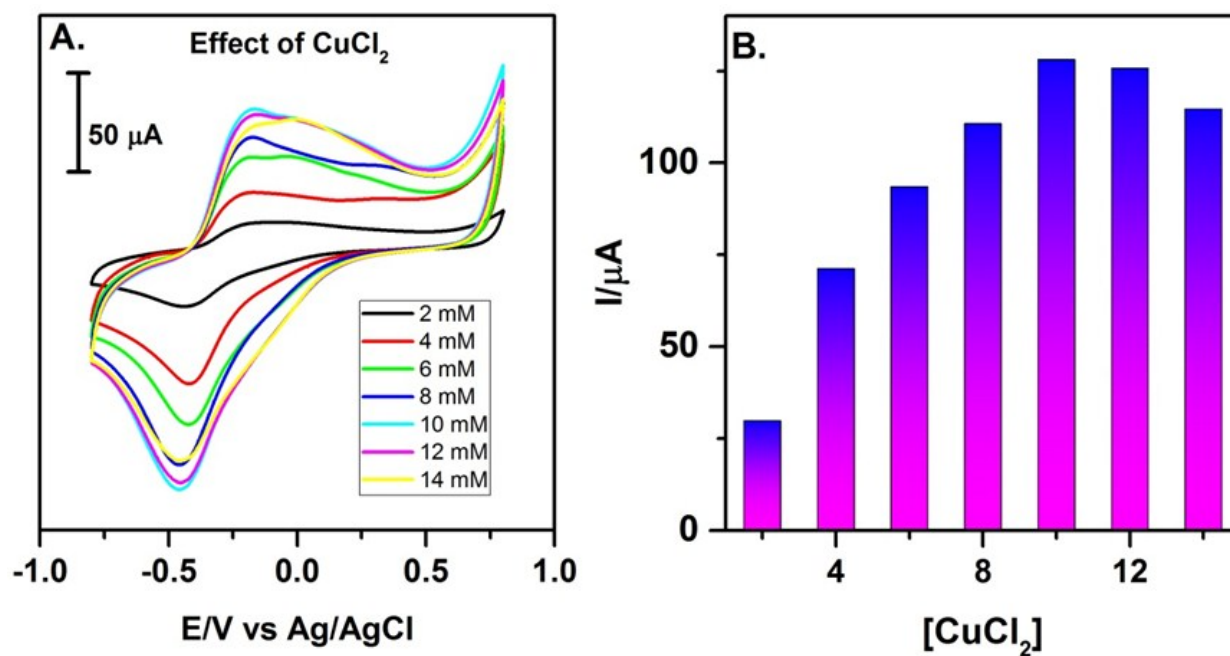


Figure S1. (A) Comparative CV responses of Cu@MWCNT-POAP modified screen printed electrode, prepared by varying the CuCl₂ concentration on MWCNT-POAP modified electrode (under optimal preparation condition). (B) Plot of peak current vs. CuCl₂ concentration for the preparation of Cu@MWCNT-POAP modified screen printed electrode.

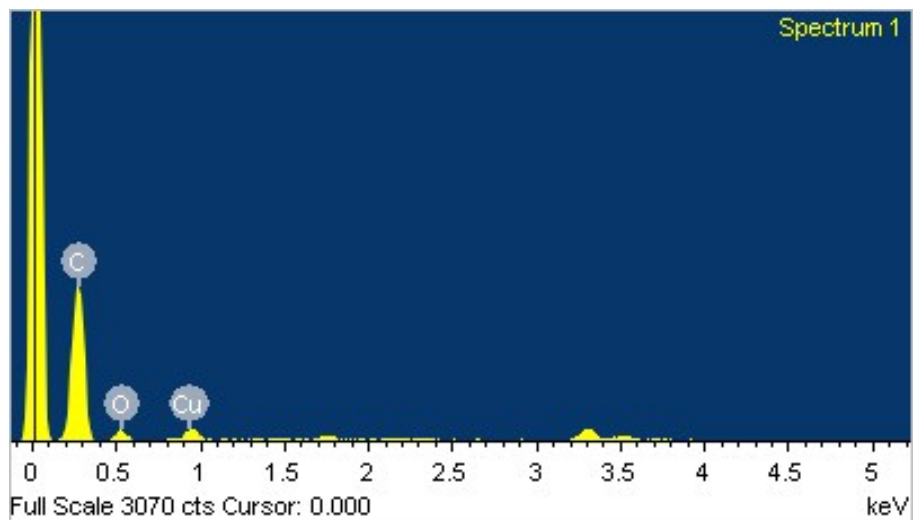


Figure. S2 EDAX responses of Cu@MWCNT-POAP modified electrode.

Element	Weight%	Atomic%
C	92.91	96.00
O	2.73	1.09
Cu	4.36	2.91
Total	100.00	100.00

Table S1. EDAX elemental weight percentage of Cu@MWCNT-POAP modified electrode.