

Electronic Supplementary Information (ESI)

Chemically activated growth of CuO nanostructures for flexible cold cathode emission

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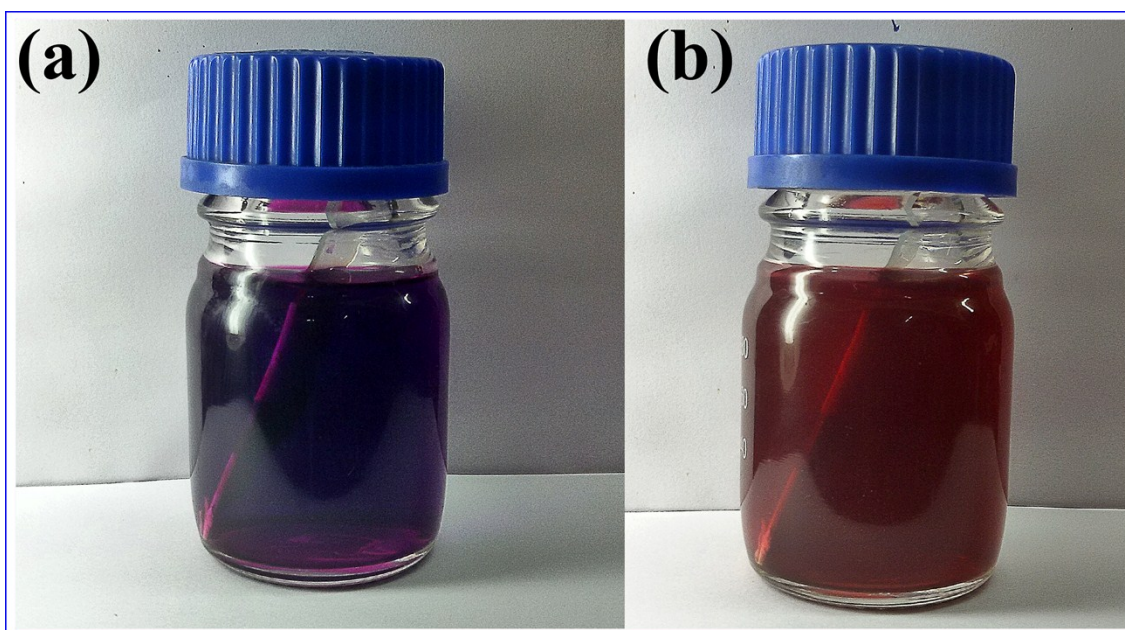


Figure S1: Demonstration of colour transformation of the activation solution from violet to dark brown for the confirmation of MnO_2 formation. (a) Just after starting the reaction (b) after completion of the activation process.

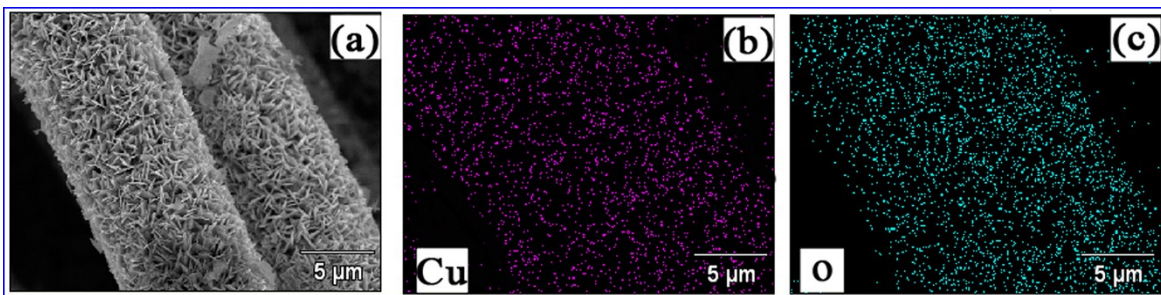


Figure S2: EDX elemental mapping of CuO nanostructure in support of uniform distribution of Cu and O inside the sample.

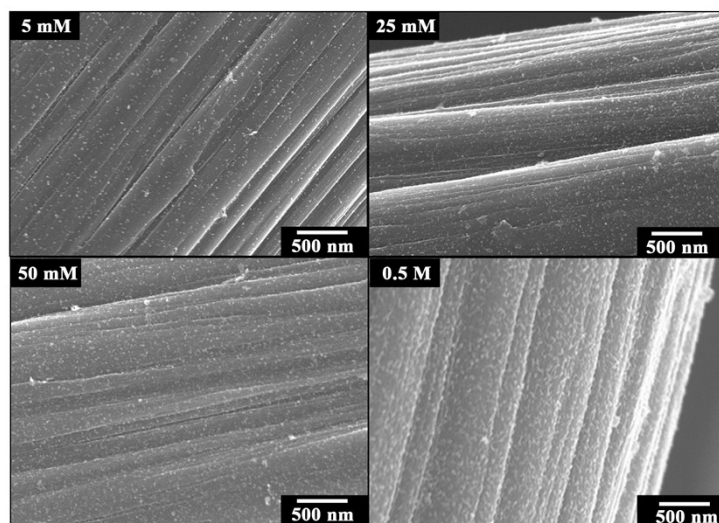


Figure S3: FESEM images of activated CFs prepared from various KMnO₄ concentration.