

Supplementary Information

**Preparation and antioxidant properties of tannic
acid/copper ion nanozyme hybrid nanofibrous membranes**

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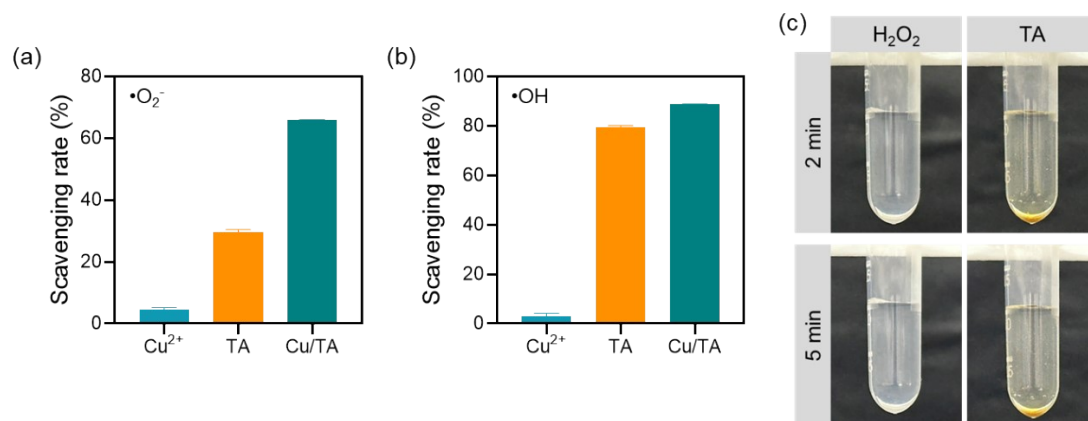


Fig. S1 Scavenging ability of different samples for (a) $\bullet\text{O}_2^-$ and (b) $\bullet\text{OH}$. (c) Photographs of H₂O₂ decomposing to produce O₂ in 5 min in the absence and presence of TA.

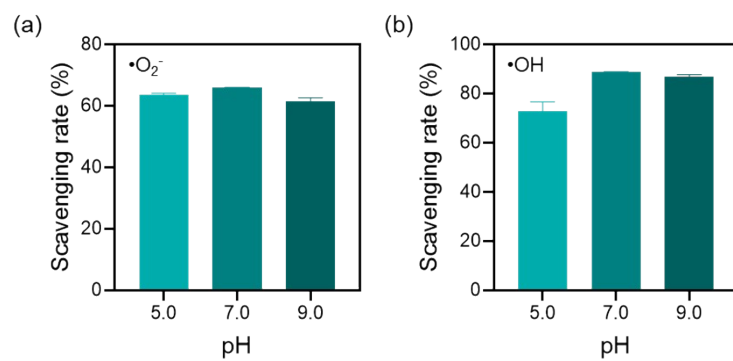


Fig. S2 Scavenging ability of Cu/TA nanozyme for (a) $\bullet\text{O}_2^-$ and (b) $\bullet\text{OH}$ at different pH.

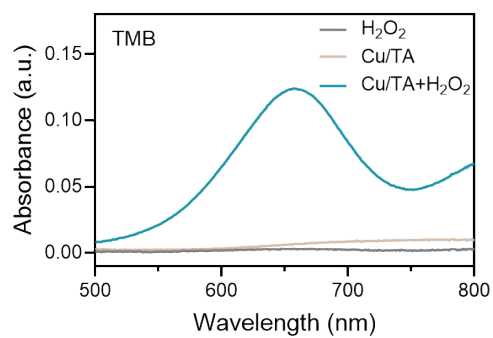


Fig. S3 Absorption curves of TMB reaction solutions.

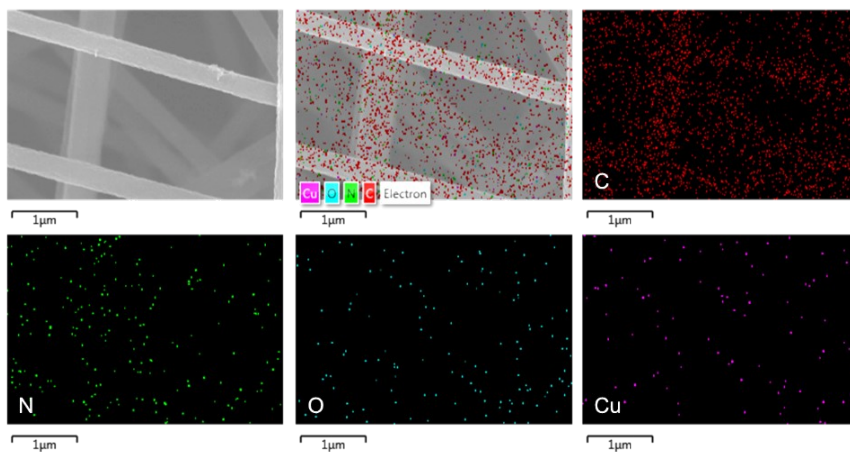


Fig. S4 EDS elemental analysis of CTP membrane.