**Three Dimensional CuO/TiO2 Hybrid Nanorod Arrays Prepared by Electrodeposition in AAO Membranes as an Excellent Fenton-like Photocatalyst for Dye Degradation**

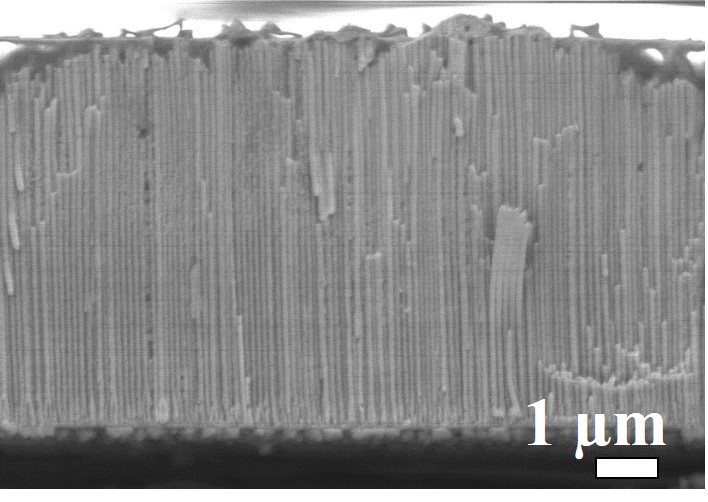
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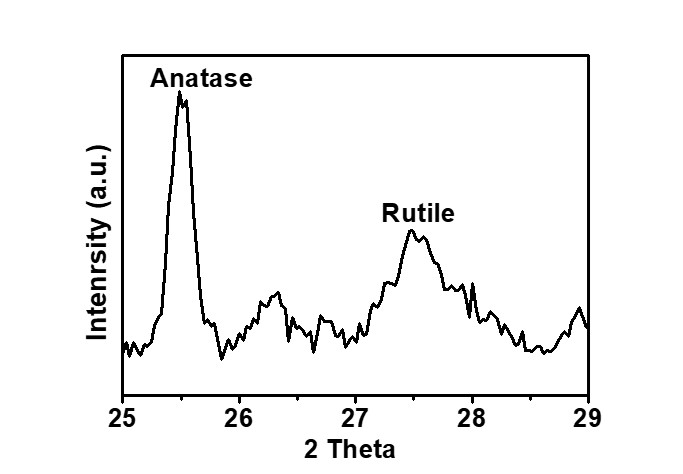
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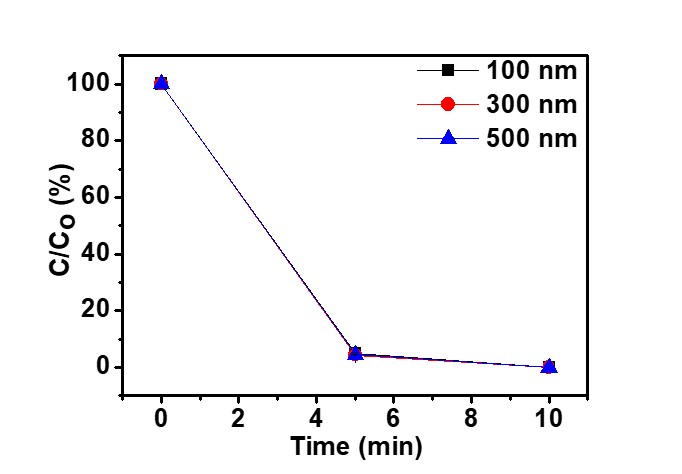
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**Figure S1.** Cross-section SEM image of 6.53 µm long CuO NRs in AAO (scale bar: 1 µm).



**Figure S2**. XRD spectrum of TiO2 capping CuO NRs annealed at 600°C,over the 2θ ranges of 25°-29°.



**Figure S3**. Degradation results of different TiO2 thickness annealed at 500 °C capping 1.85 µm long CuO NR arrays.