

# Photoelectrochemical UV detector based on high temperature resistant ITO nano networks transparent conductive electrode: both the response range and responsivity are improved

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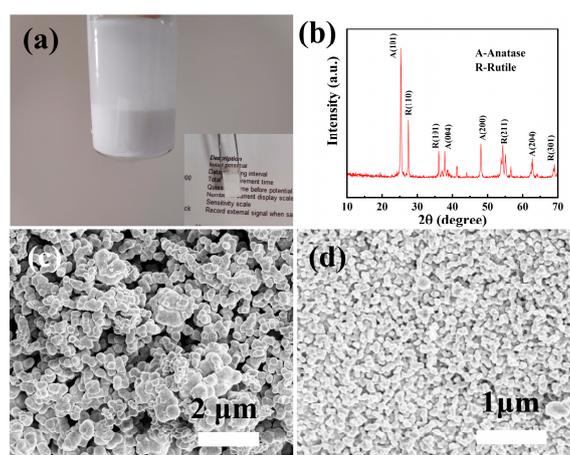
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## Supplementary Materials



**Figure S1.** The photoactive layer prepared by low temperature method. (a) Physical image of the solution containing TiO<sub>2</sub> nanoparticles; (b) XRD curve of the TiO<sub>2</sub> photoactive layer; (c, d) SEM images of TiO<sub>2</sub> photoactive layers with different magnification.