

## **Supplementary Material**

### **A Study of the Degradation of LEV by Transparent PVA/NCD-TiO<sub>2</sub> Nanocomposite Films with Enhanced Visible-light Photocatalytic Activity**

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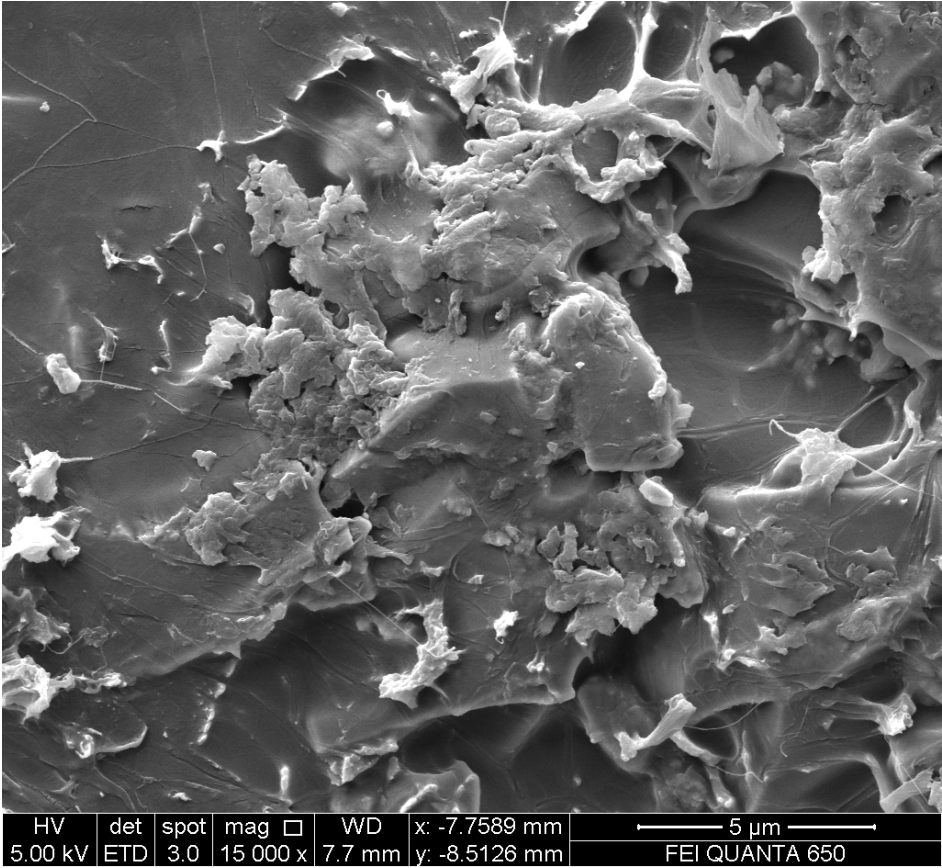
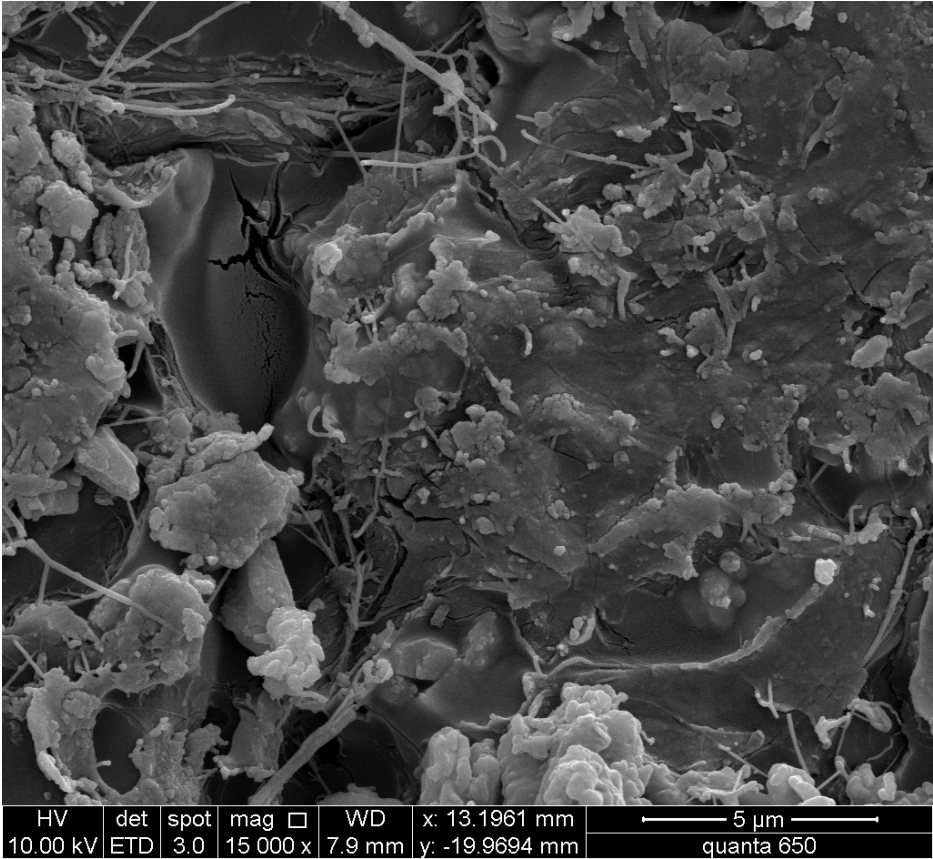
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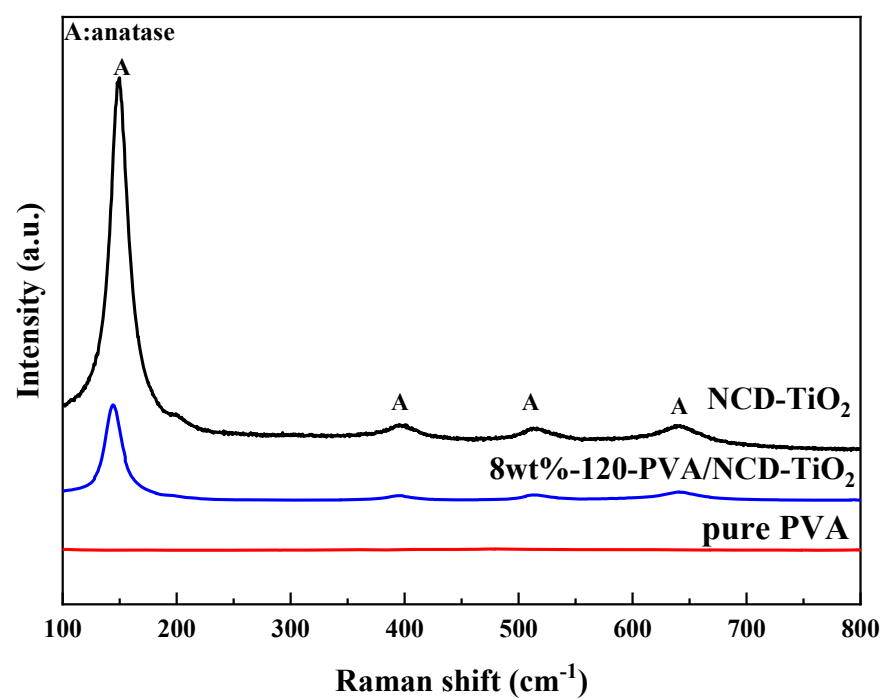
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**Figure S1** SEM images of the surfaces of 8wt%-80-PVA/NCD-TiO<sub>2</sub>



**Figure S2** The Raman spectra of different synthesized materials



**Figure S3** The UV-vis absorption spectra of different synthesized materials

