

## **Harnessing UiO-66-NH<sub>2</sub>/LaFeO<sub>3</sub> nanocomposite for electrochemical sensing of prednisone**

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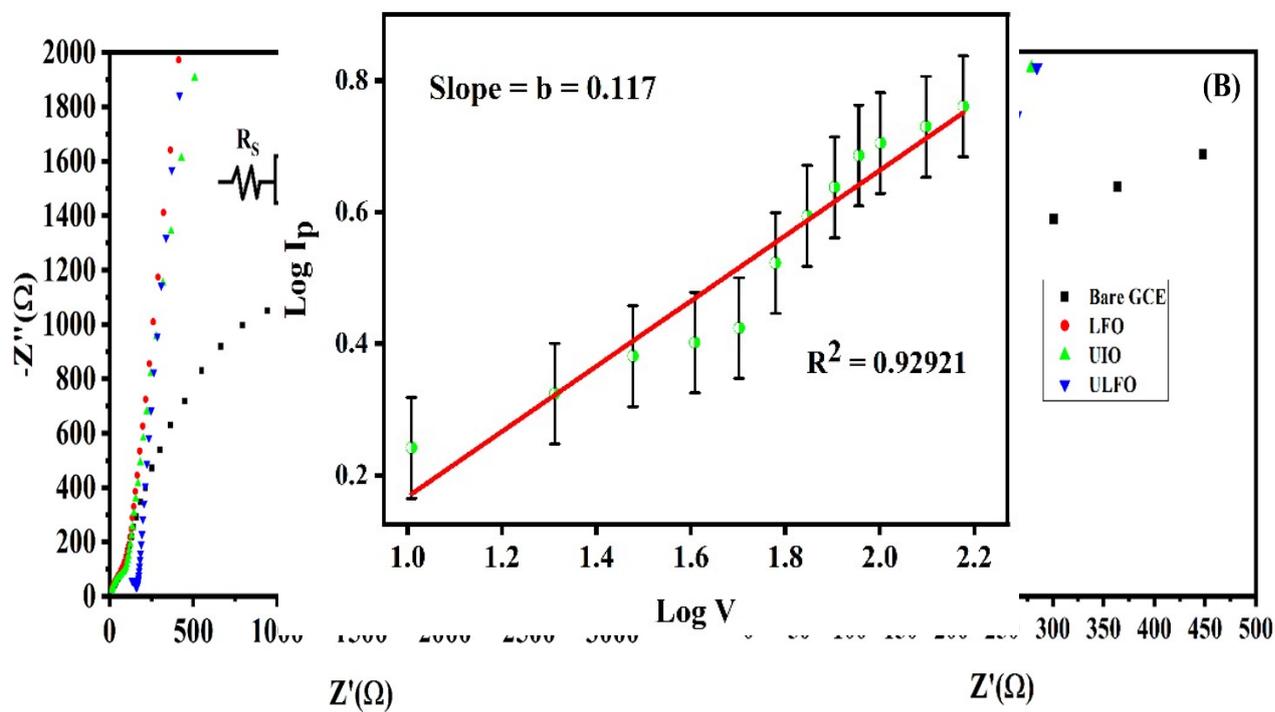
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### **Supporting information**

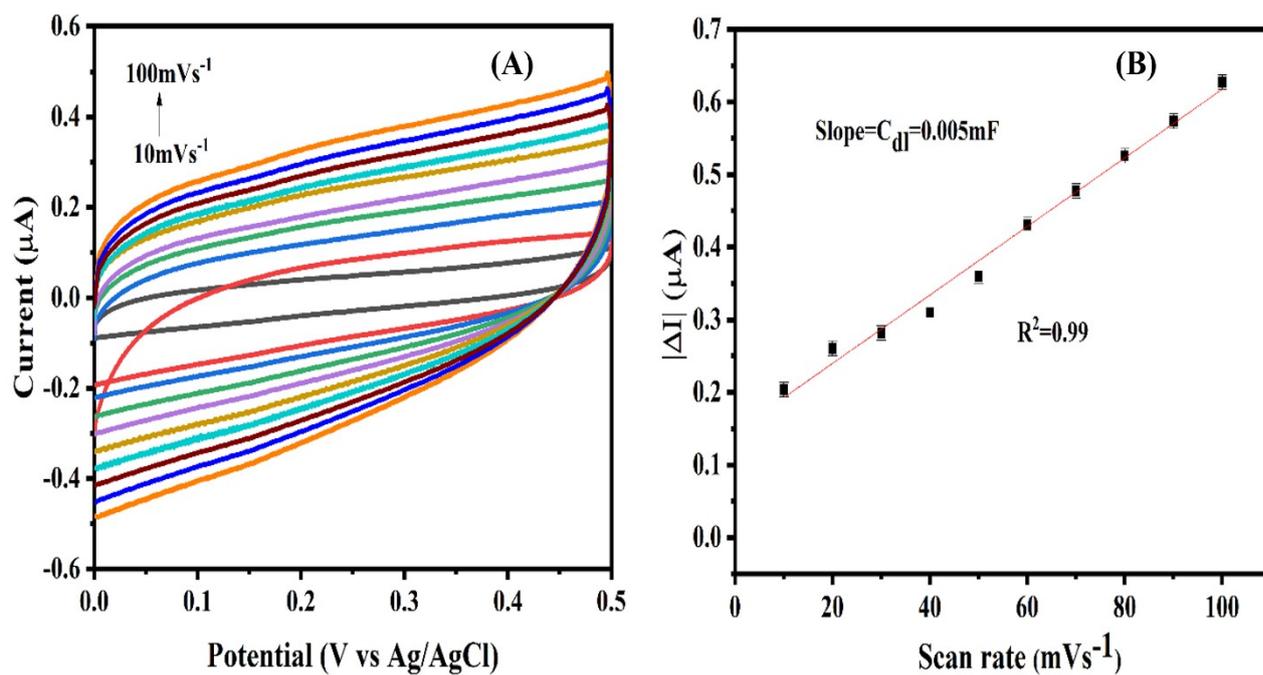
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Fig. S1. (A) Electrochemical Impedance spectroscopy of Bare GCE, UIO, LFO and ULFO. (B) Zoomed image.



**Fig. S2. Linear correlation of Log  $I_p$  and Log  $V$  for the analysis of the electrochemical process for the detection of prednisone.**



**Fig. S3. (A) CV curves of ULFO/GCE with a range of scan rate from  $10 \text{ mVs}^{-1}$  to  $100 \text{ mVs}^{-1}$  in  $0.1 \text{ M KCl}$  containing  $5.0 \text{ mM } [\text{Fe}(\text{CN})_6]^{3-/4-}$ . (B) Linear correlation plot of the scan rate vs  $|\Delta I|$**

