

Supplementary information!

Ti₂C-TiO₂ MXene nanocomposite based high efficient non-enzymatic Glucose sensing platform for diabetes monitoring

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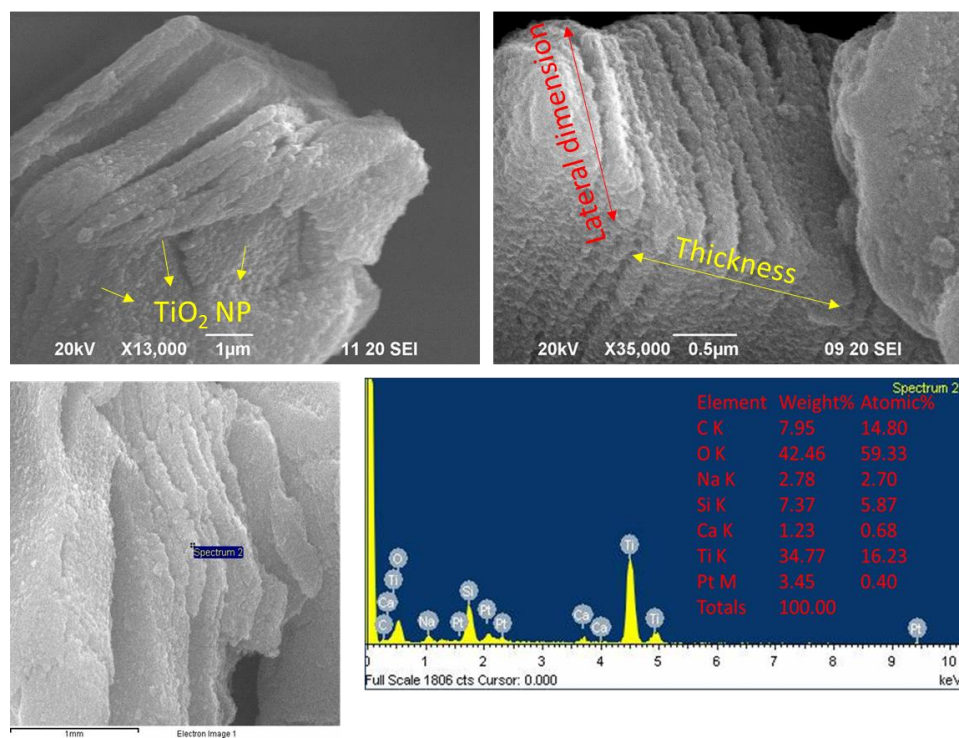


Figure S1. SEM of synthesized MXene nanocomposite and elemental analysis

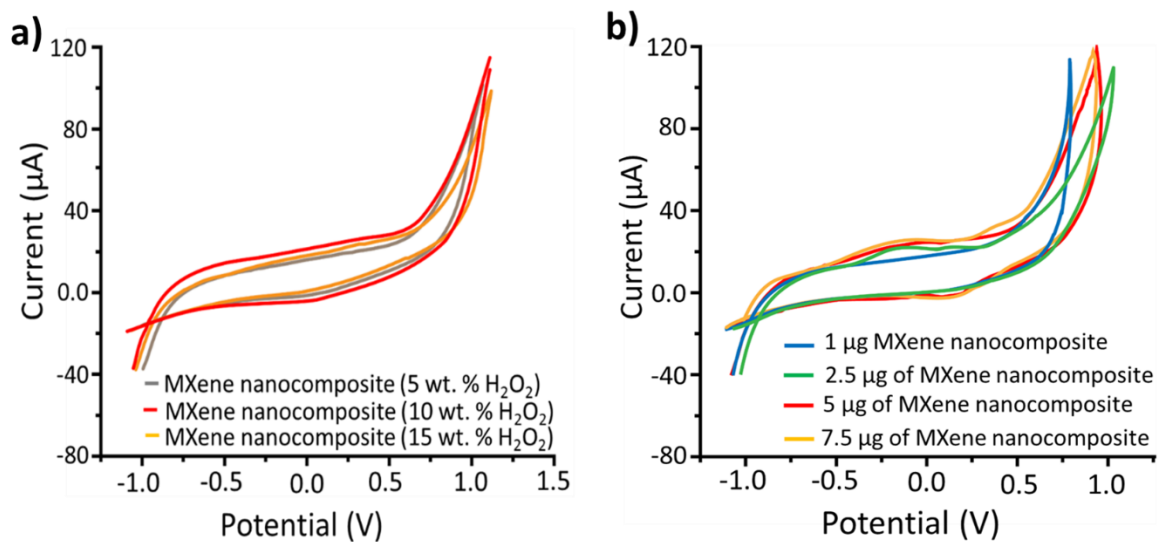


Figure S2. a) Electrochemical characterization of synthesized nanocomposites, b) Optimization of electrochemical response of MXene nanocomposite

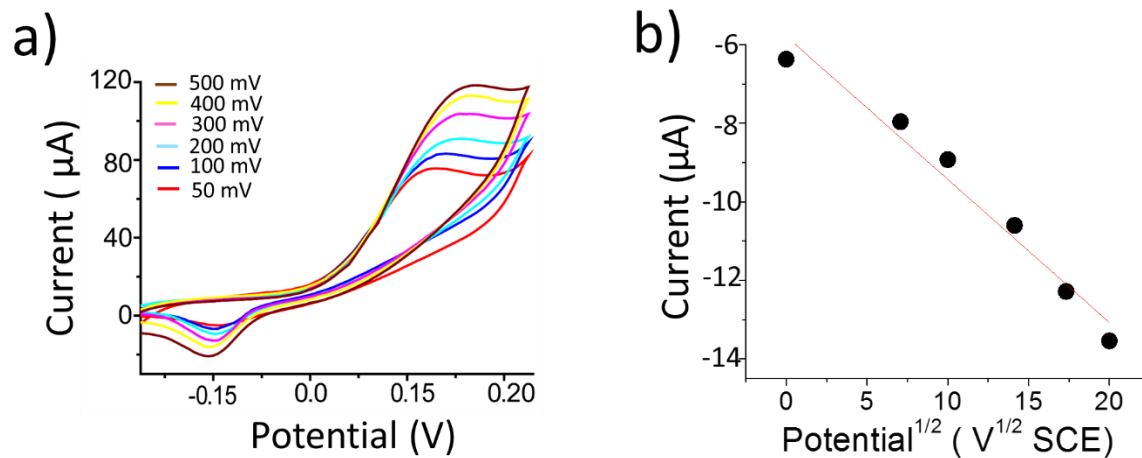


Figure S3. a) Scan rate dependent CV of nanocomposite modified electrode, b) cathodic current Vs square root of scan rate

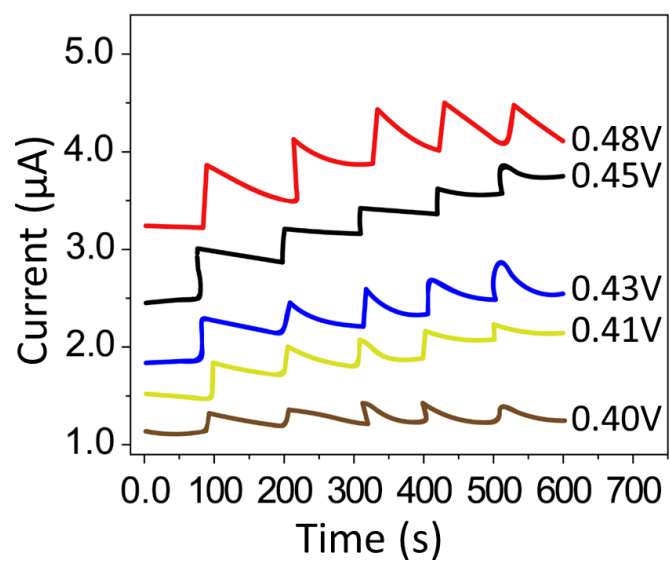


Figure S4. Optimization of chronoamperometry potential of nanocomposite with 0.1 μM of glucose added in 0.1 M NaOH