

Supporting Information

Photoelectrochemical enzymatic sensor for glucose based on Au@C/TiO₂ nanorod arrays

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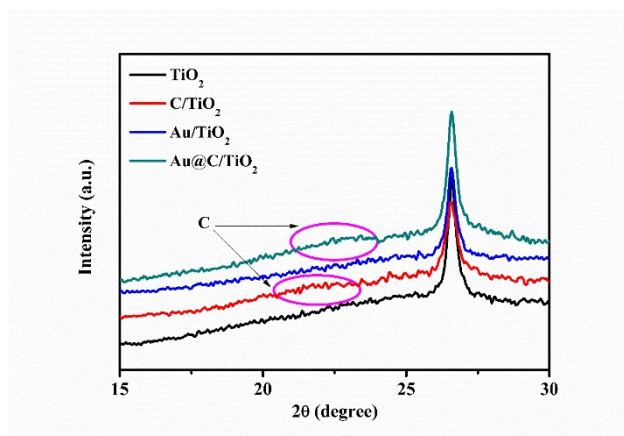


Fig. S1 XRD patterns of TiO_2 , C/TiO_2 , Au/TiO_2 and $\text{Au}@C/\text{TiO}_2$ between 15° and 30° .

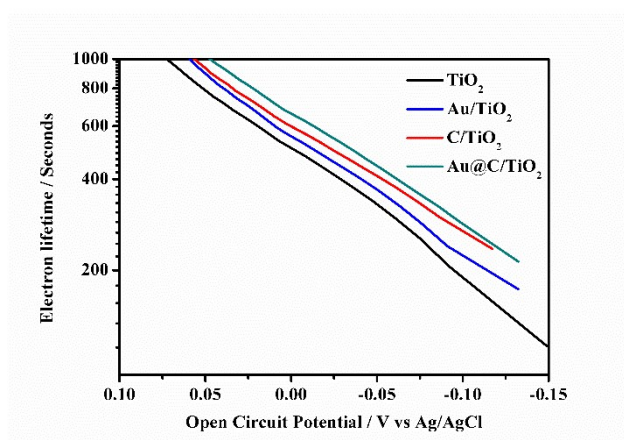


Fig. S2 Electron lifetime measurements of TiO_2 , C/TiO_2 , Au/TiO_2 , $\text{Au}@C/\text{TiO}_2$ determined from the decay of open circuit potential in dark

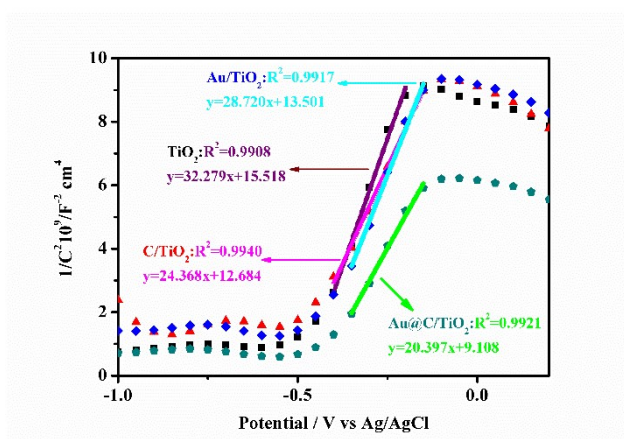


Fig. S3 Mott-Schottky plots of TiO_2 , C/TiO_2 , Au/TiO_2 , $\text{Au}@C/\text{TiO}_2$ at a fixed frequency of 1 kHz in dark.