

Templated Electrodeposition of Vertically Aligned Copper Oxide Nanowire Arrays on 3D Ni
Foam Substrates for Determination of Glucosamine in Pharmaceutical Caplet Samples

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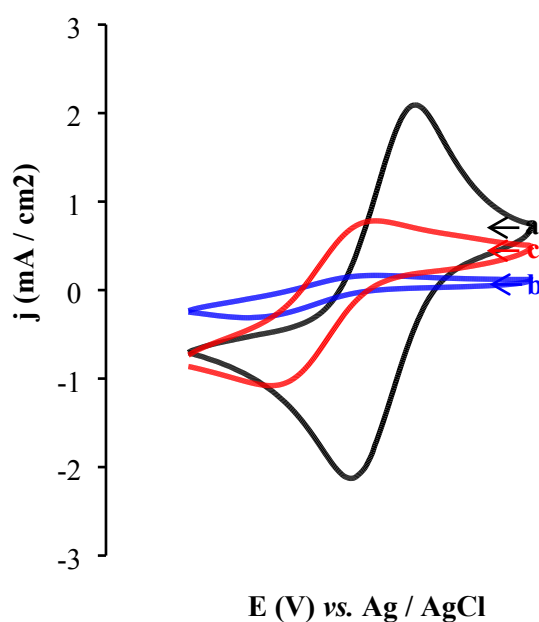


Fig. S1 CVs of 1.0 mM Fe(CN)_6^{3-} on bare Nickel foam (a), before (b) and after extraction of surfactant (c); supporting electrolyte 0.1 M NaOH, scan rate: 100 mV s^{-1}

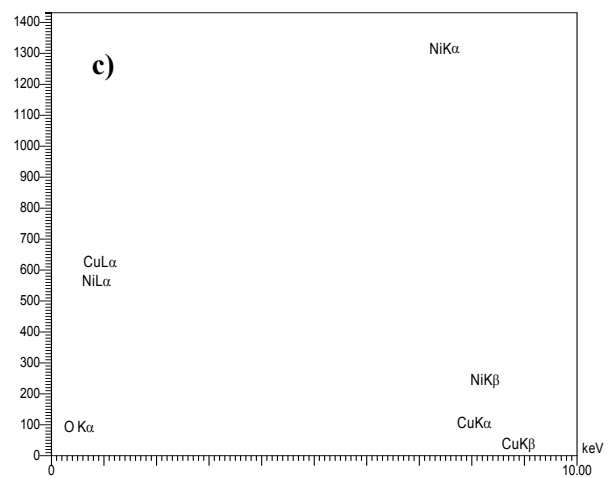
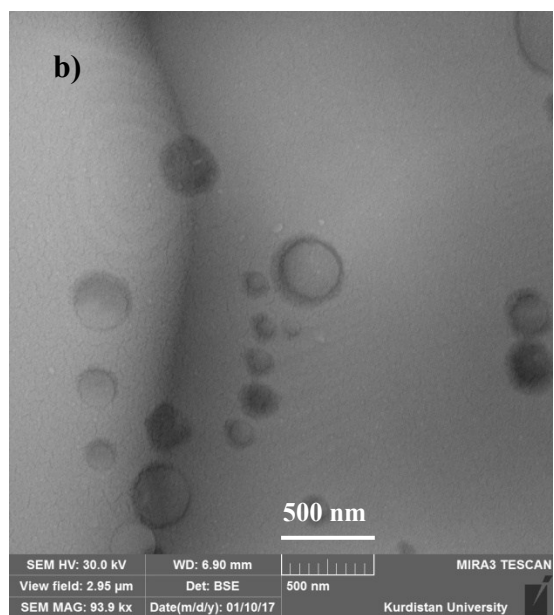
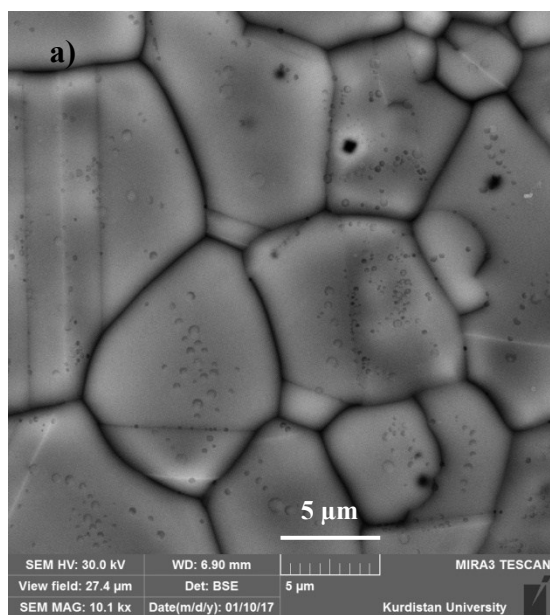


Fig. S2- The FESEM images of CuO/Ni foam in the absence of silica template in the different magnifications (a, b) and EDAX (c)

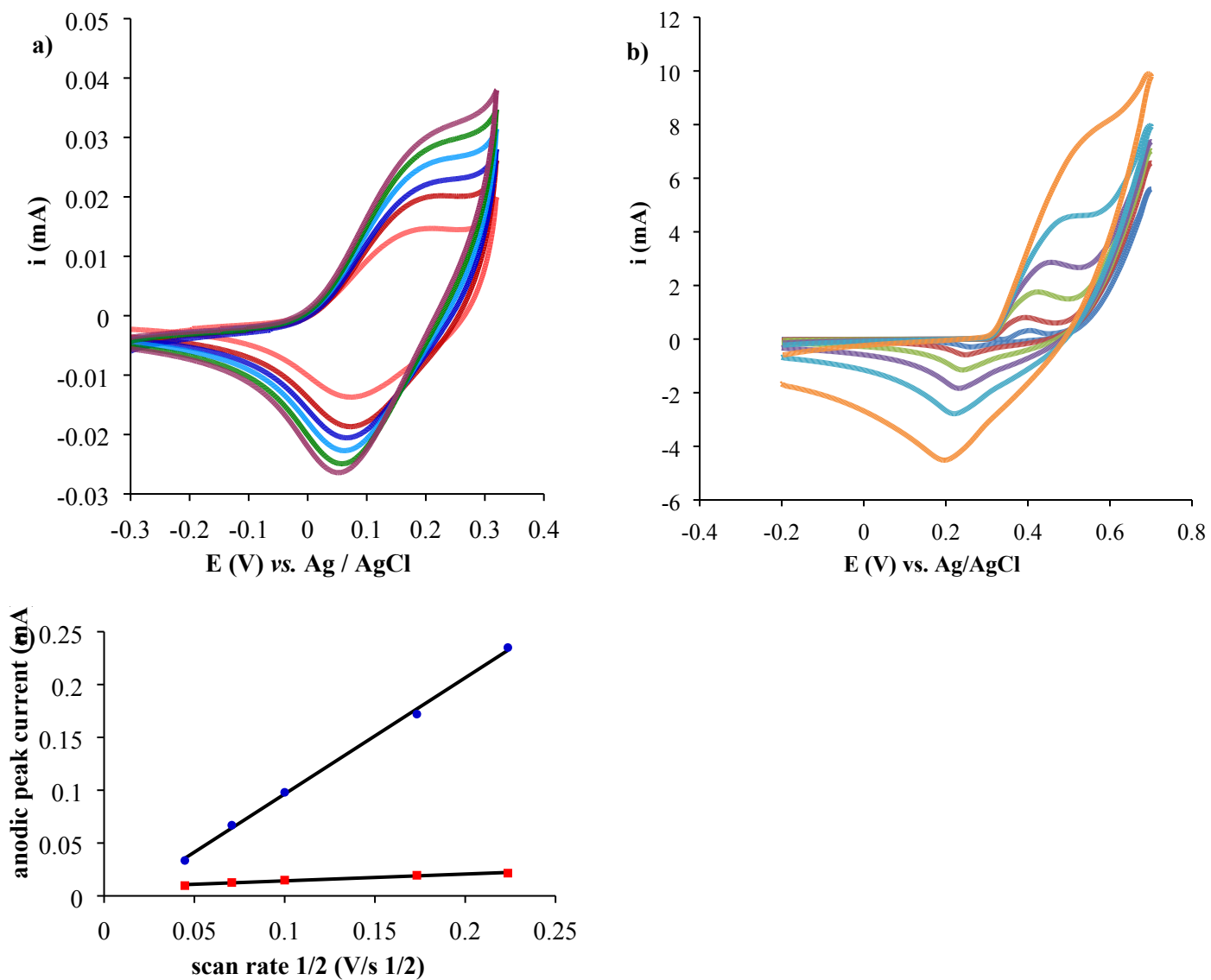


Fig. S3- a) cyclic voltammetry of $2 \text{ mM Fe(CN)}_6^{3-}$ on Ni foam in $\text{NaOH } 0.1 \text{ M}$ scan rate from 2 to 50 mV s^{-1} b) voltammetry of $2 \text{ mM Fe(CN)}_6^{3-}$ on Ni foam in $\text{NaOH } 0.1 \text{ M}$ scan rate from 2 to 50 mV s^{-1} c) Dependences of anodic peak current on square root of the potential scan rate of $2 \text{ mM Fe(CN)}_6^{3-}$ in $\text{NaOH } 0.1 \text{ M}$ on Ni foam (square) and CuO/Ni foam (circle), scan rate from 2 to 50 mV s^{-1}