

Supplementary Materials

Exploring Non-Thiol DDQ Self-Assembly on Au(111) through Cyclic Voltammetry, Ambient STM, and XPS

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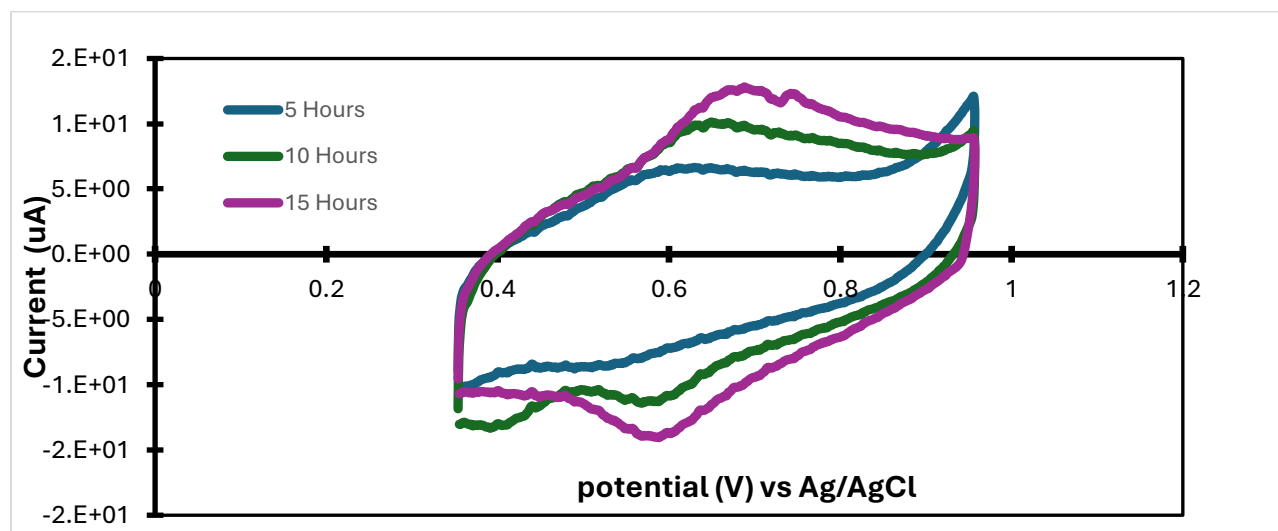


Figure 1: Cyclic voltammograms of DDQ-modified Au(111) surfaces prepared by immersion in saturated DDQ solution for different time periods.

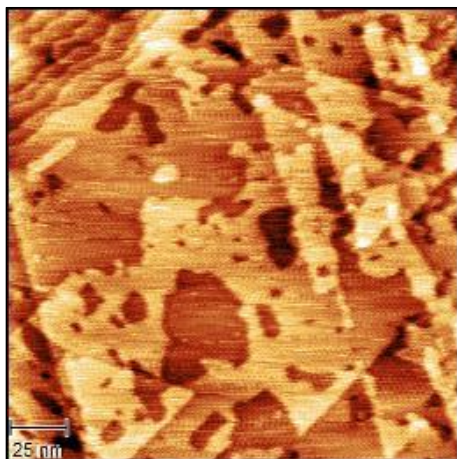


Figure 2: Ambient STM topographic image of the Au(111) surface after 5 h immersion in saturated DDQ solution in 0.1 M HClO₄, showing changes in the Au surface morphology following exposure to DDQ