

Supporting Information

Spectroelectrochemical behavior of polycrystalline gold electrode modified by reverse micelles

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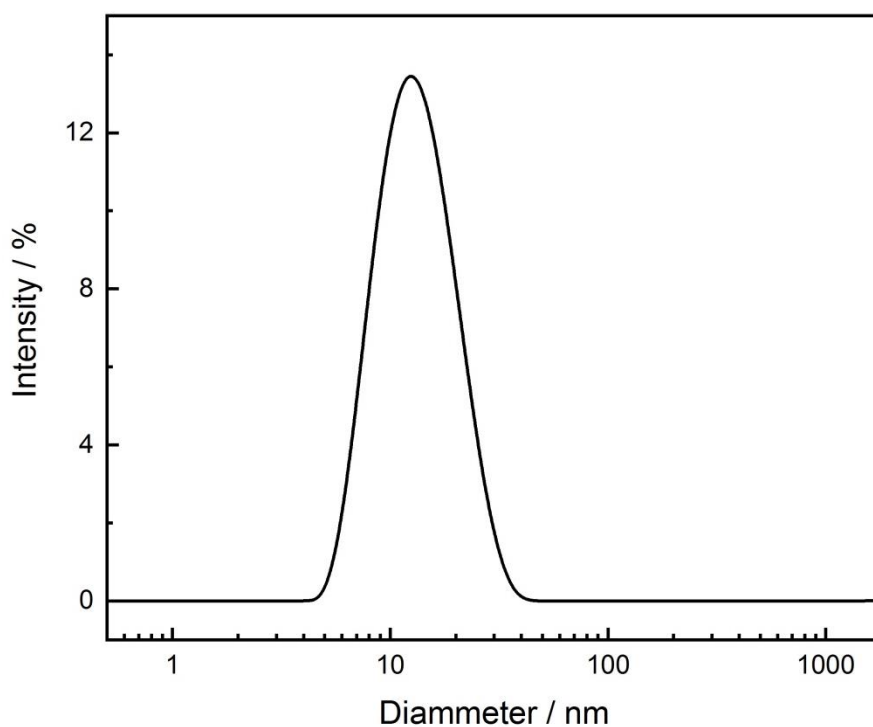


Figure S1. Size distribution by intensity of reverse micelles in n-heptane solution. Average size = 13.96 nm.

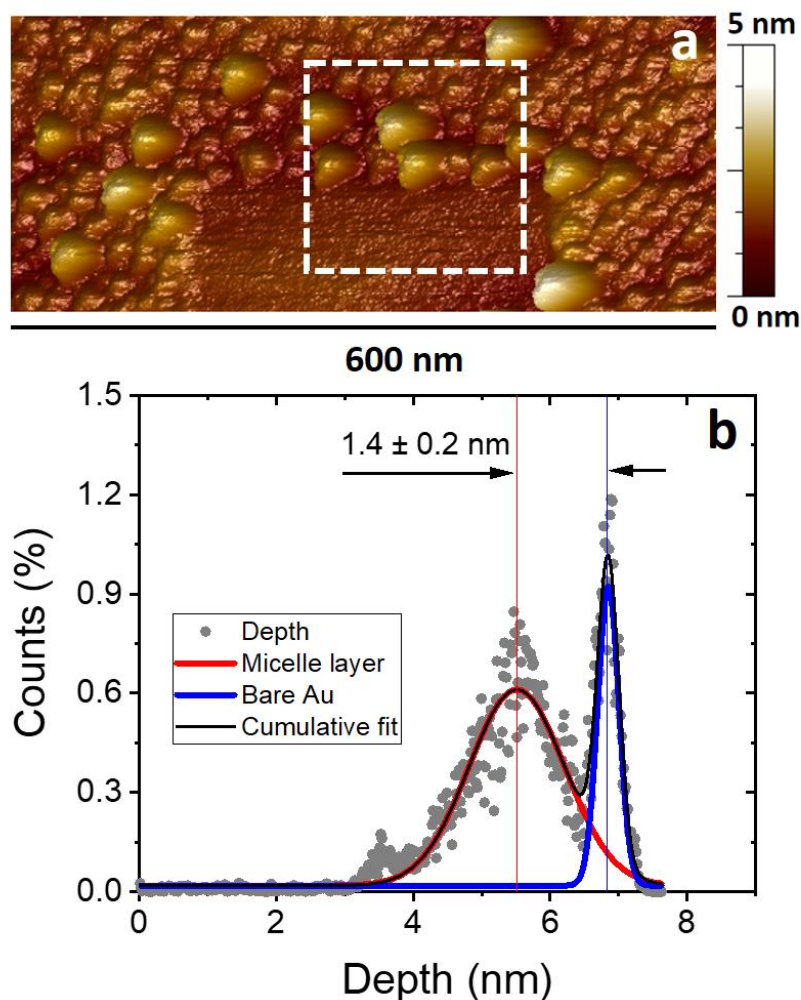


Figure S2. $600 \times 200 \text{ nm}^2$ AFM image showing the topography of a micelle layer on an Au(111) surface bearing a $400 \times 100 \text{ nm}^2$ scratch made in a smooth Au(111) terrace (a). Depth profile histogram exhibiting the depth value distributions related (calculated from the region marked by the white-dashed rectangle) to bare gold, blue line, and the micelles, red (b). From the height difference between the later, the thickness of the film, i.e. 1.4 nm, can be obtained.