

Controlled Attachment of Gold Nanoparticles on Ordered Titania Nanotube Arrays

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ELECTRONIC SUPPLEMENTARY INFORMATION

1. Solution temperature variation

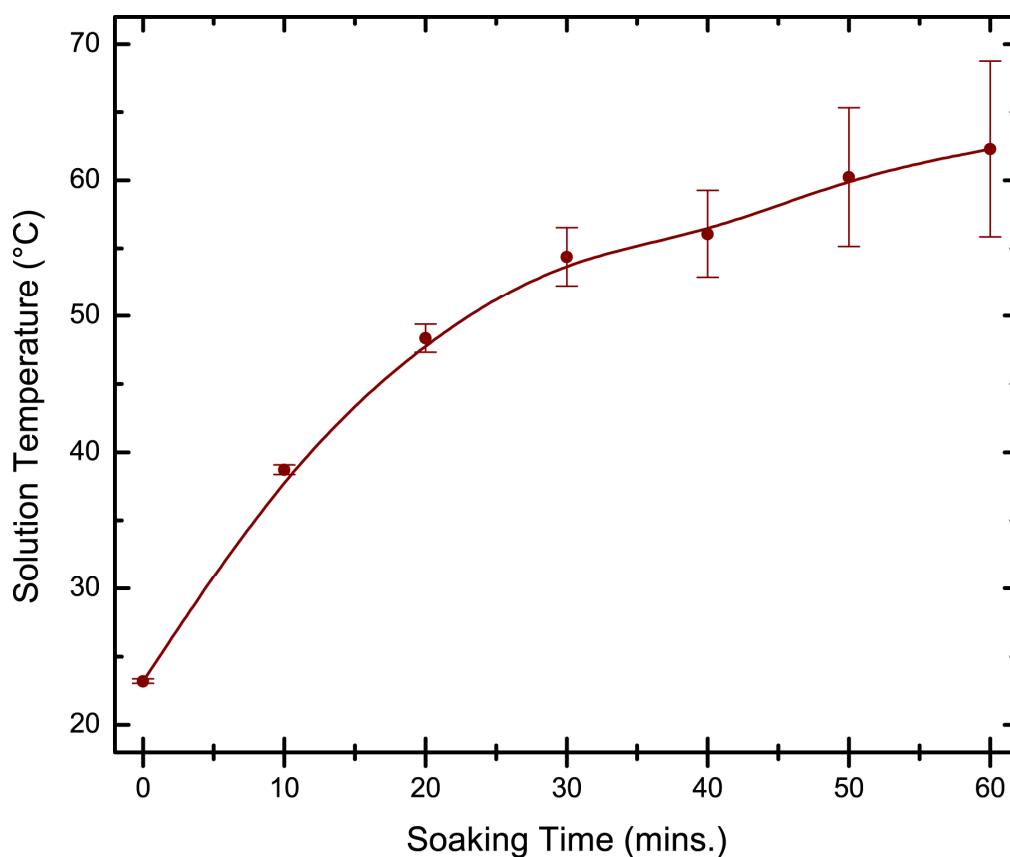


Figure 1. Solution temperature measured during the deposition process and averaged over 3 different samples. Temperature of the hotplate was maintained at 140°C. The temperature of the solution was seen to increase from ~20°C (room temperature) to a final value of ~60°C. The line connecting the data points is a guide to the eye, and the error bars represent standard deviation values.

2. Gold loading variation with the soaking time

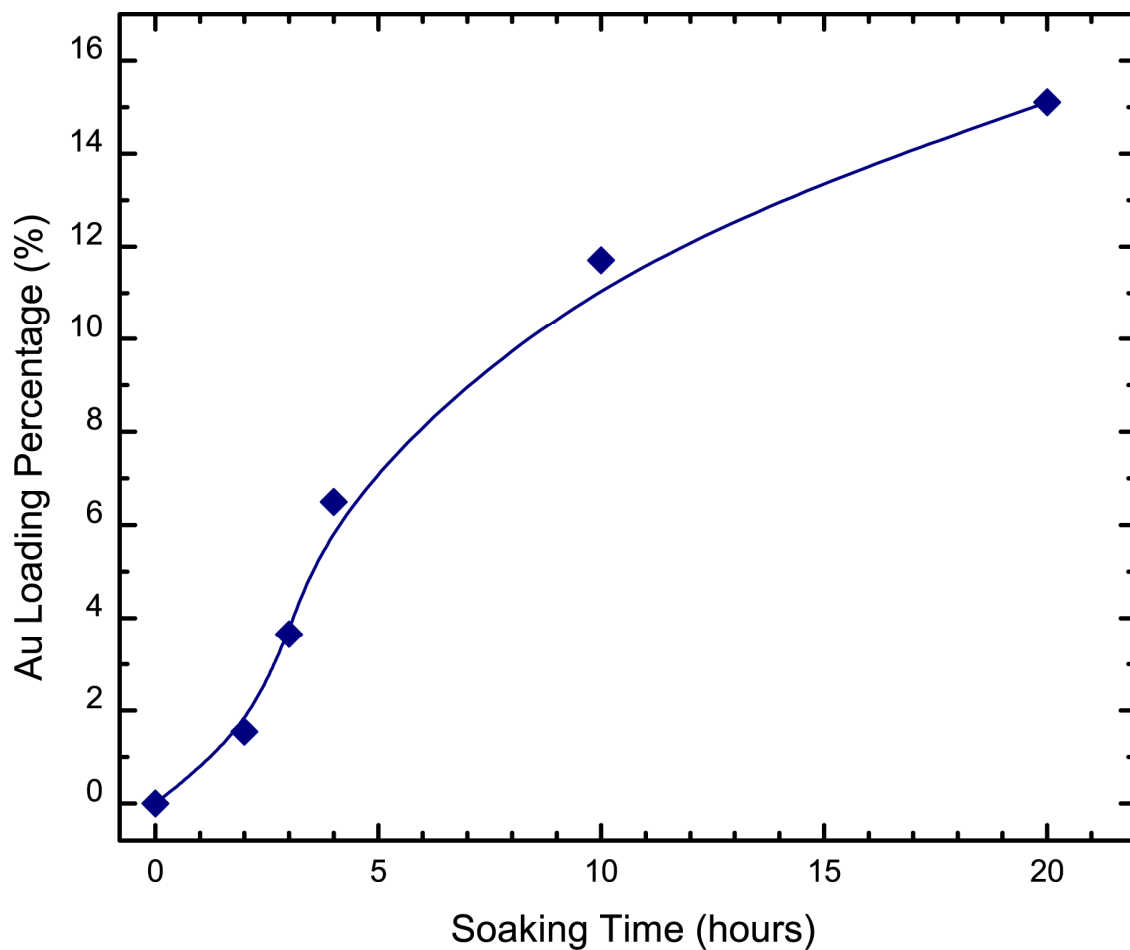


Figure 2. Estimated dependence of gold loading percentage plotted as a function of soaking time. The line connecting the data points is a guide to the eye.