

Article

Under-Etched Plasmonic Disks on Indium Tin Oxide for Enhanced Refractive Index Sensing on a Combined Electrochemical and Optical Platform

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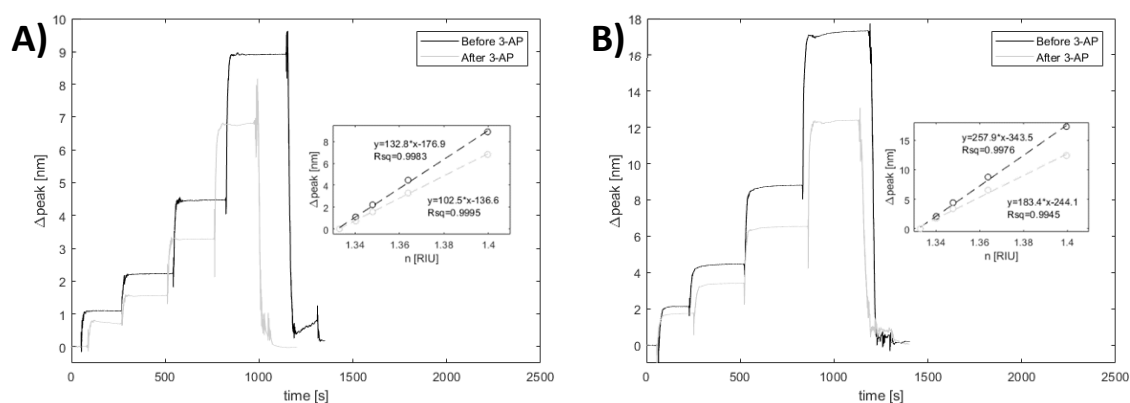


Figure S1. Change in resonance peak position in response to bulk refractive index change for non-etched (A) and under-etched (B) gold nanodisks before (black) and after (grey) 30 cycles of poly(3-aminophenol) deposition, respectively. Inserts show best linear fit.

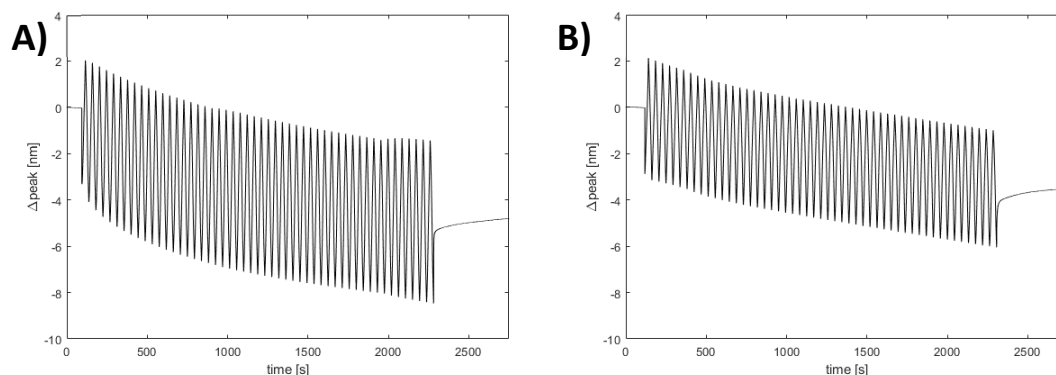


Figure S2. Resonance peak shift during potential cycling in ten times diluted PBS for unetched (A) and etched (B) samples of gold nanodisks deposited directly on ITO.

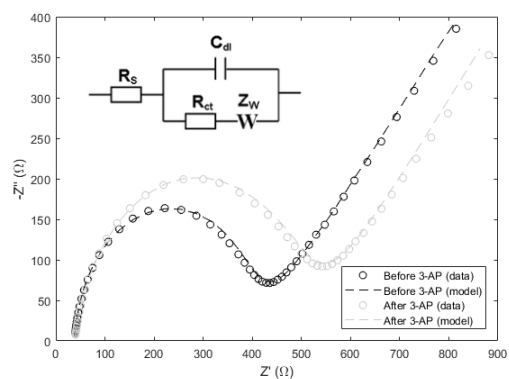


Figure S3. Electrochemical impedance spectra before (black) and after (grey) 30 deposition cycles of poly(3-aminophenol) on an unetched sample of gold nanodisks deposited directly on ITO.



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