

Supporting Information

Spaced Hybrid TiO₂/Au Nanotube Arrays with Tailored Optical Properties for Surface-Enhanced Raman Scattering

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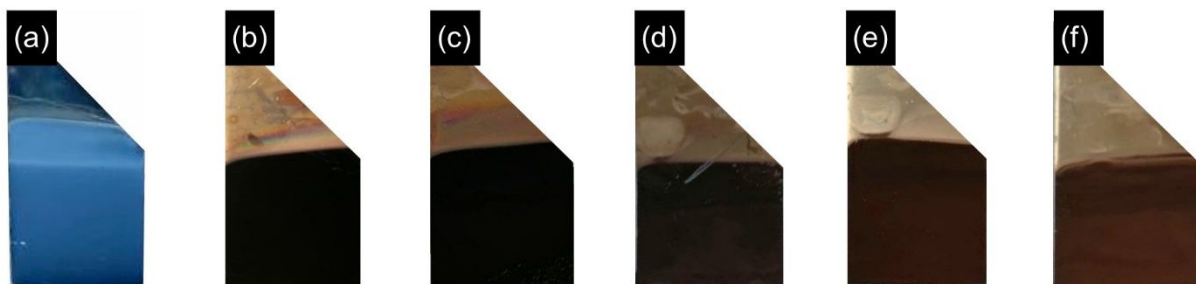


Figure S1. Optical photograph of (a) bare TiO₂ NTs and coated ones with different effective thicknesses of (b) 25, (c) 50, (d) 75, (e) 100, and (f) 125 nm Au.

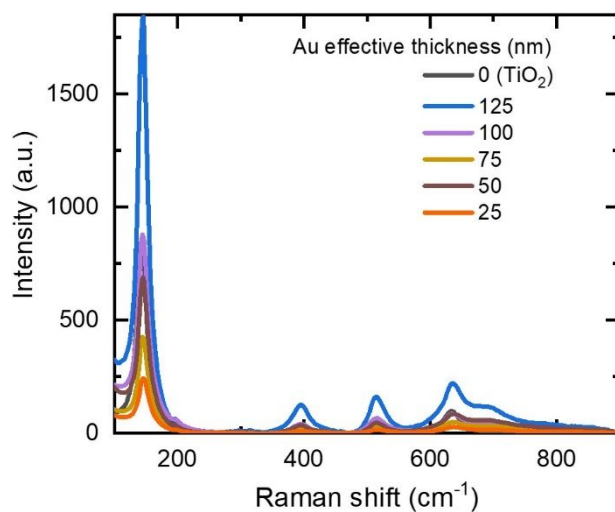


Figure S2. Raman spectra of bare and coated TiO₂ NTs using a 788 nm laser.

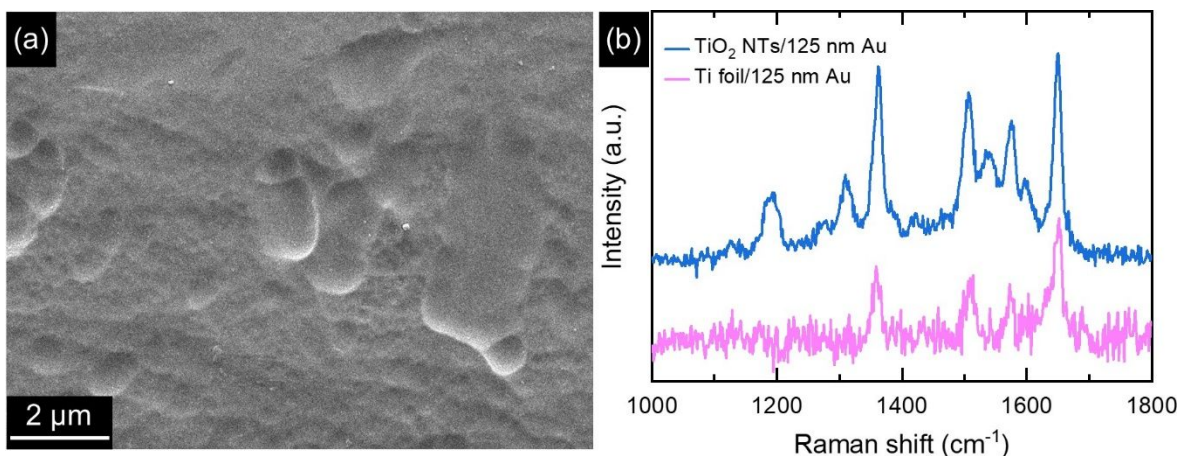


Figure S3. (a) SEM image of Ti foil coated with 125 nm of Au. (b) SERS spectra of 10⁻⁶ M Rh6G deposited on Ti foil and TiO₂ NTs coated with 125 nm effective thicknesses of Au.