

Reducing the Photocatalysis Induced by Hot Electrons of Plasmonic Nanoparticles Due to Tradeoff of Photothermal Heating

Mahmoud A. Mahmoud^{*}

Chemical Engineering, Department of Biomedical Engineering, Department of Physics and Astrophysics, The University of Texas at San Antonio, One UTSA Circle, San Antonio, TX 78249

^{*} E-mail: mahmoud.abdelwahed@UTSA.edu

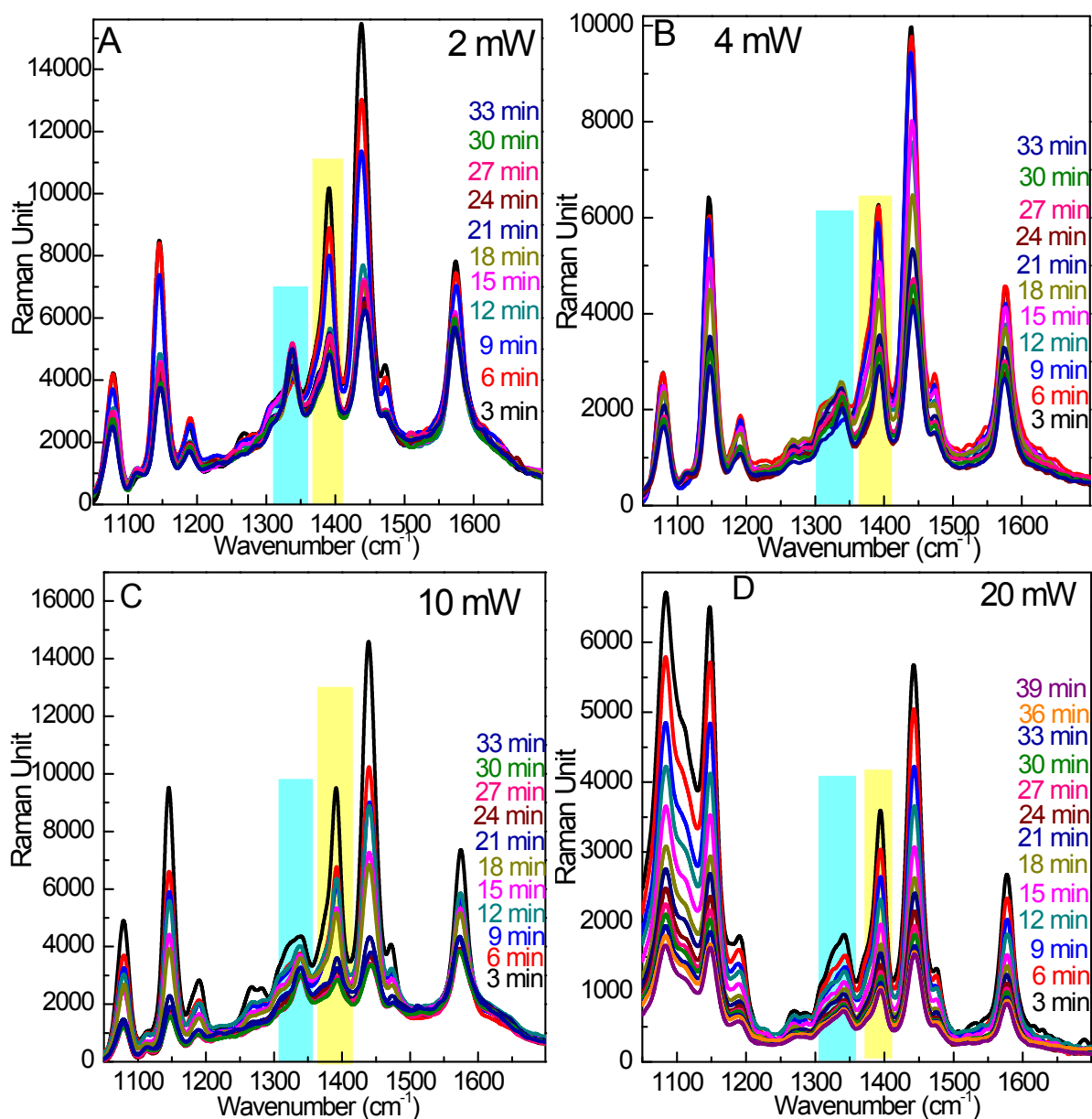


Figure S1 As measured time-dependent SERS spectra of DMAB adsorbed on the surface of AgNT arrays measured at different illumination times with a 532 nm laser with a power of: A) 2 mW, B) 4 mW, C) 10 mW, and D) 20 mW.