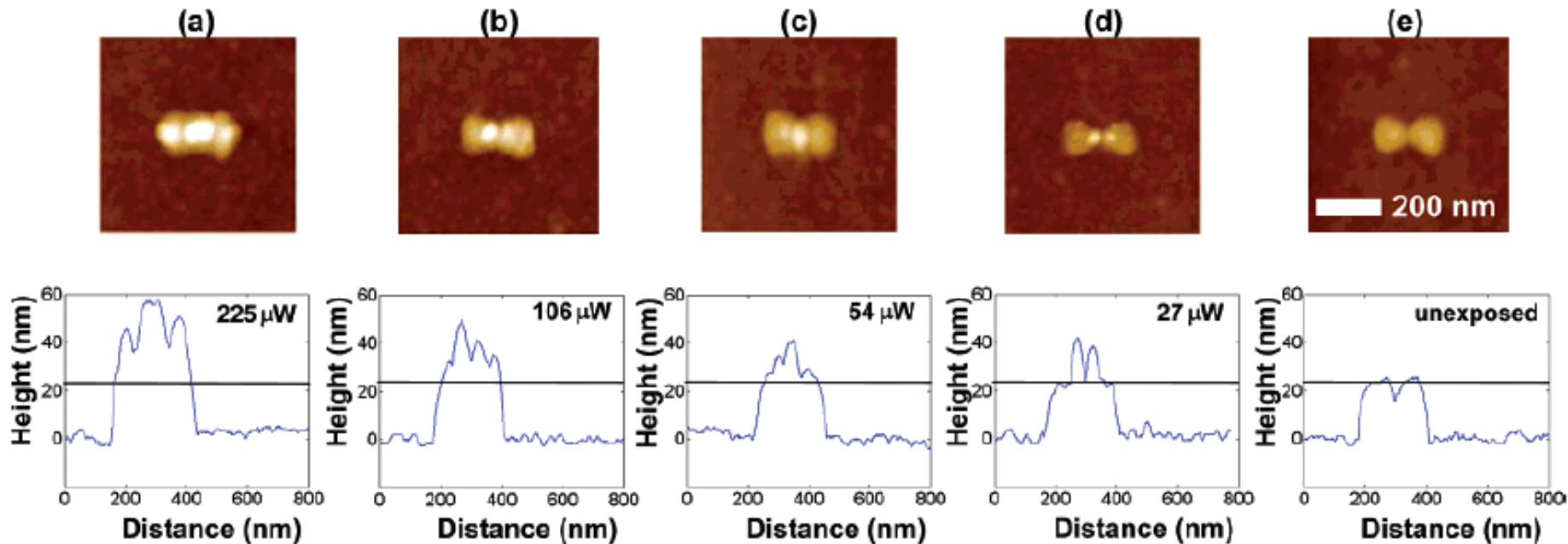


Toward Nanometer-Scale Optical Photolithography: Utilizing the Near-Field of Bowtie Optical Nanoantennas

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- The optical near-field of bowtie nanoantennas was used to achieve local two-photon photo-polymerization of SU-8 photoresist by pumping with an infrared mode-locked laser
- Feature sizes smaller than 30nm have been produced as shown in AFM images