

Supplementary Information

Blinking Photoluminescence Properties of Single TiO₂ Nanodiscs : Interfacial Electron Transfer Dynamics

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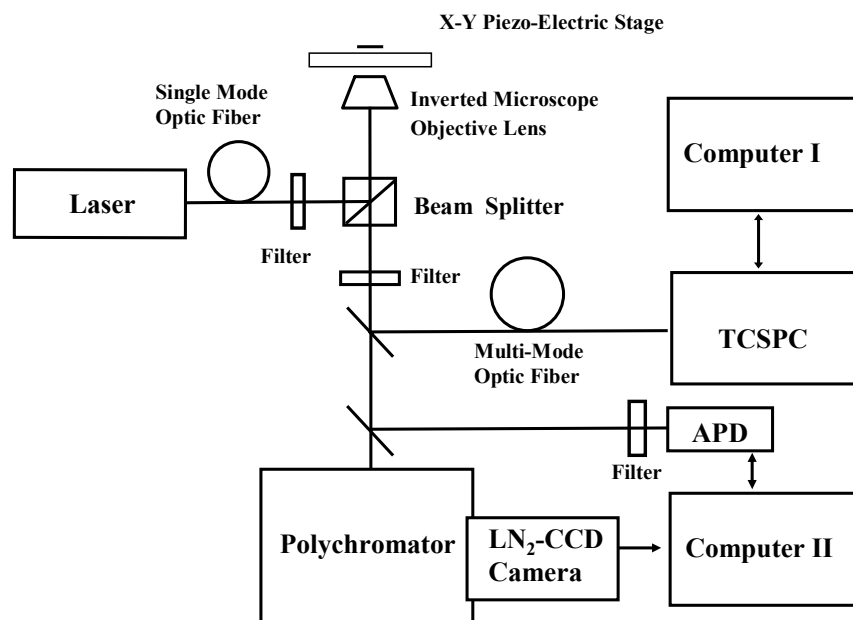
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Supplementary figure captions

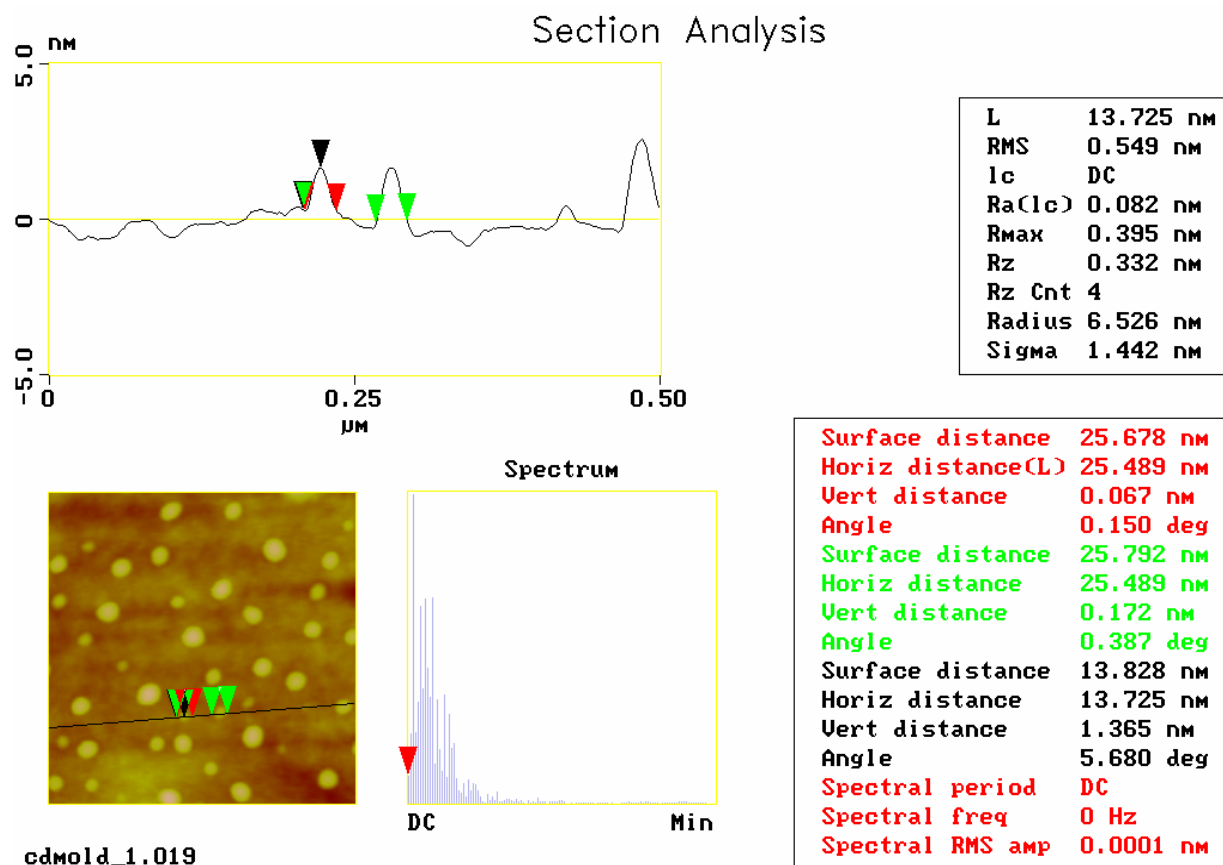
S-Fig. 1. Layout of laser scanning microscope-coupled fs-time-resolved PL system. The sample is mounted on a piezoelectric x,y scanning stage. Light from a laser is coupled into the single-mode optical fiber, illuminating the sample through the objective lens.

S-Fig. 2. AFM image and cross sectional analysis of TiO₂ nanodiscs.

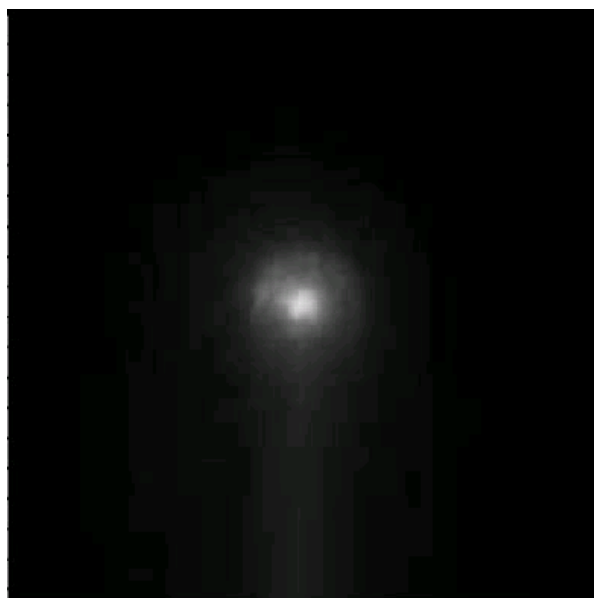
S-Fig. 3. Movie of PL blinking of TiO₂ nanodiscs (Separate video file is attached).



S-Fig. 1



S-Fig. 2



TiO₂ ND Video file.wmv

S-Fig. 3