



Supporting Information

for

Photocatalytic methane oxidation over a TiO₂/SiNWs p–n junction catalyst at room temperature

Qui Thanh Hoai Ta, Luan Minh Nguyen, Ngoc Hoi Nguyen, Phan Khanh Thinh Nguyen and Dai Hai Nguyen

Beilstein J. Nanotechnol. **2024**, *15*, 1132–1141. doi:10.3762/bjnano.15.92

Additional figures

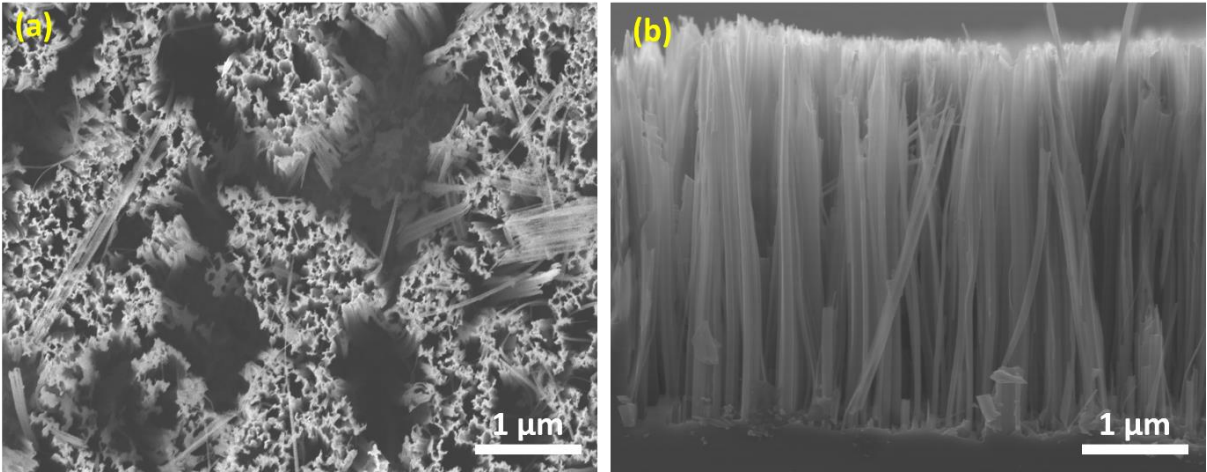


Figure S1: SEM images of SiNWs after etching under top view (a) and cross-sectional view (b).

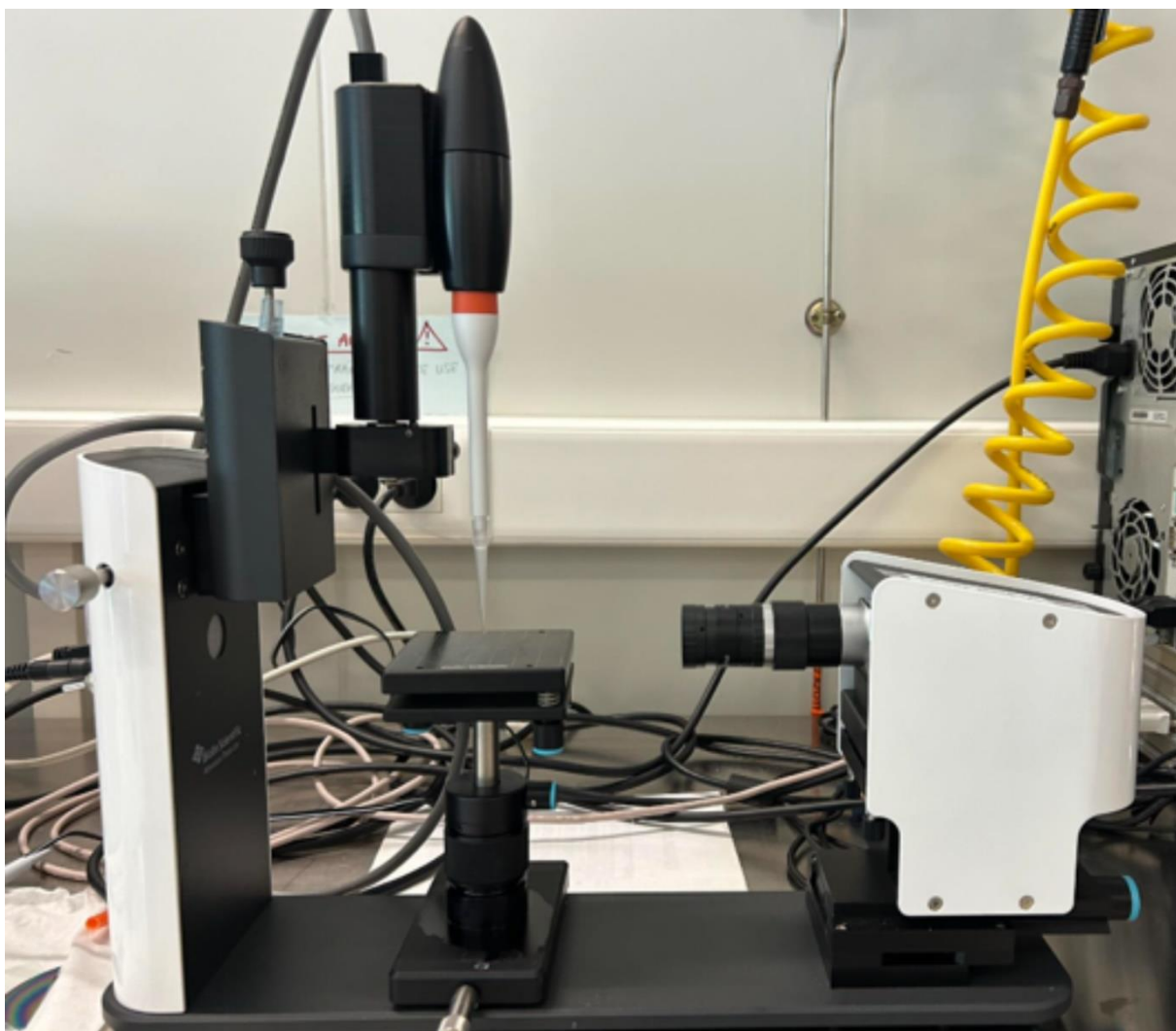


Figure S2: Contact angles measurement set up (Biosin Scientific). The thin film samples were placed on specimen substrate and the sample-water droplet interaction was recorded by an optical camera.

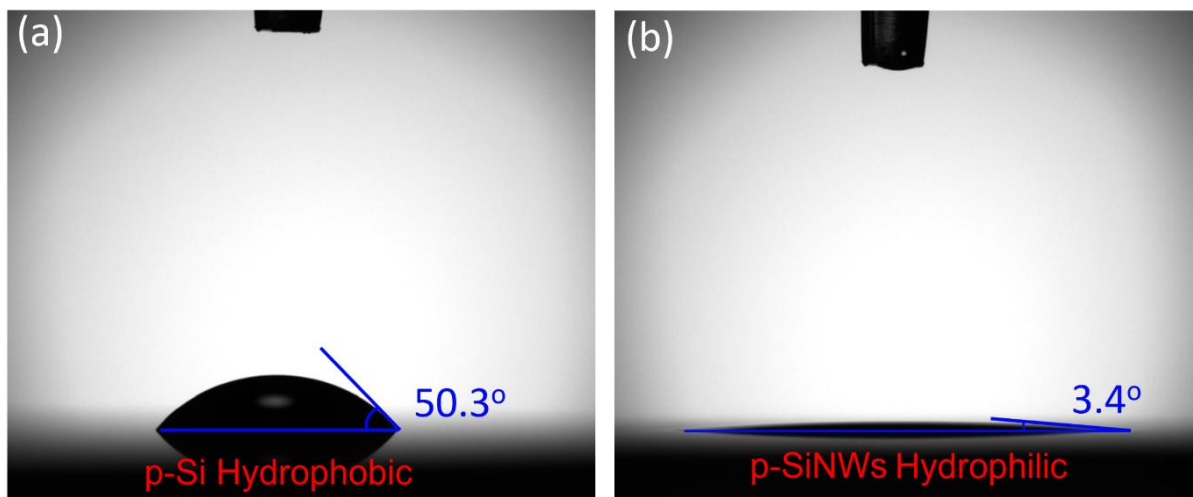


Figure S3: Contact angles of (a) p-Si and (b) p-SiNWs samples.