



Supplementary materials

Direct-Continuous Preparation of Nanostructured Titania-Silica using Surfactant-Free Non-Scaffold Rice Starch Template

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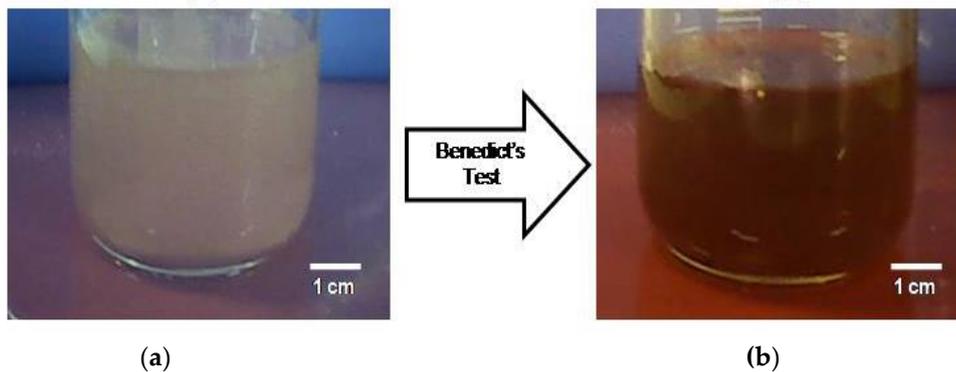


Figure S1. Benedict's test (a) Hydrolysis of rice starch (HRS in dark pale); and (b) HRS on Benedict's solution (Brick's red).

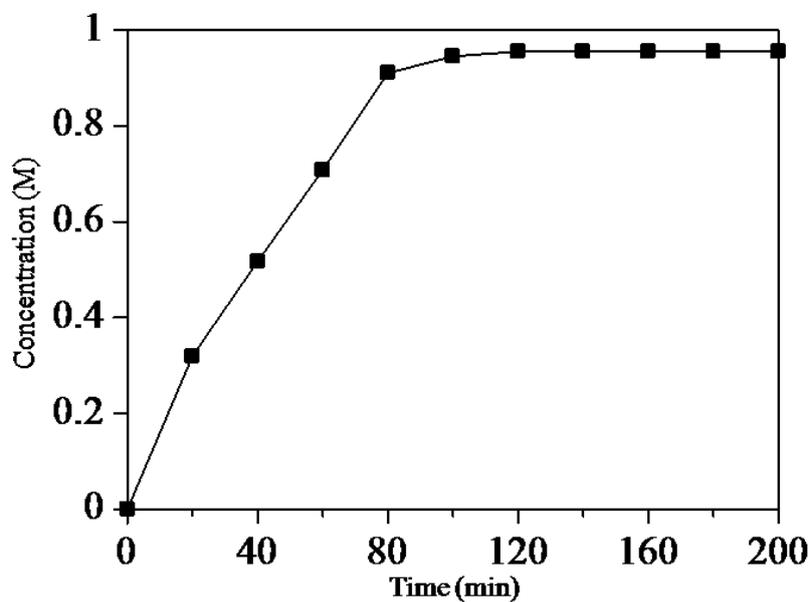


Figure S2. Spectrophotometric determination of Benedict's solution.

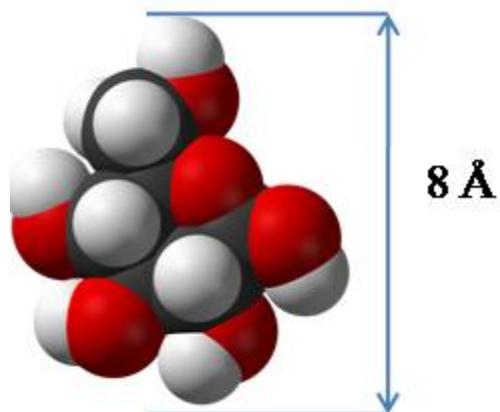


Figure S3. Molecular-sized based on computer assisted modeling of molecular mechanics-2 (MM2) modeling of D-glucose.

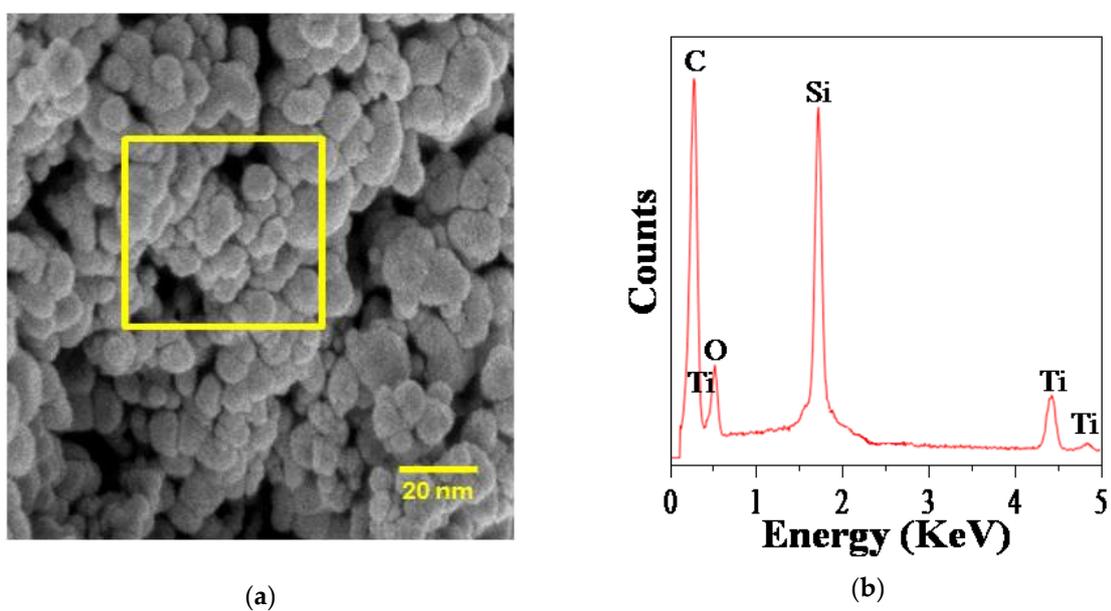


Figure S4. Field emission scanning electron microscopy with energy dispersive X-ray (FESEM-EDX) measurements (a) Micrograph of selected image; and (b) Energy dispersive X-ray (EDX) spectrum collected from (1)Ti-SiNS.