



## Article Supplementary Materials:

## Improved Microbial Electrolysis Cell Hydrogen Production by Hybridization with a TiO<sub>2</sub> Nanotube Array Photoanode

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Figure S1. Schematic illustration of the MFC for preparing matured bioanode.





**Figure S2.** Photocurrent dependent time of the TNT array photoanode under simulated solar light for 60 hours.



**Figure S3.** (a) Power density, I-V polarization, and (b) electrode potential curves for hybrid MEC under illumination and MEC under dark for checking reproducibility. Each color operated on the same reactor.