

Supporting Information

for

Photoelectrochemical water oxidation over TiO_2 nanotubes modified with MoS_2 and $g-C_3N_4$

Phuong Hoang Nguyen, Thi Minh Cao, Tho Truong Nguyen, Hien Duy Tong and Viet Van Pham

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Additional figures

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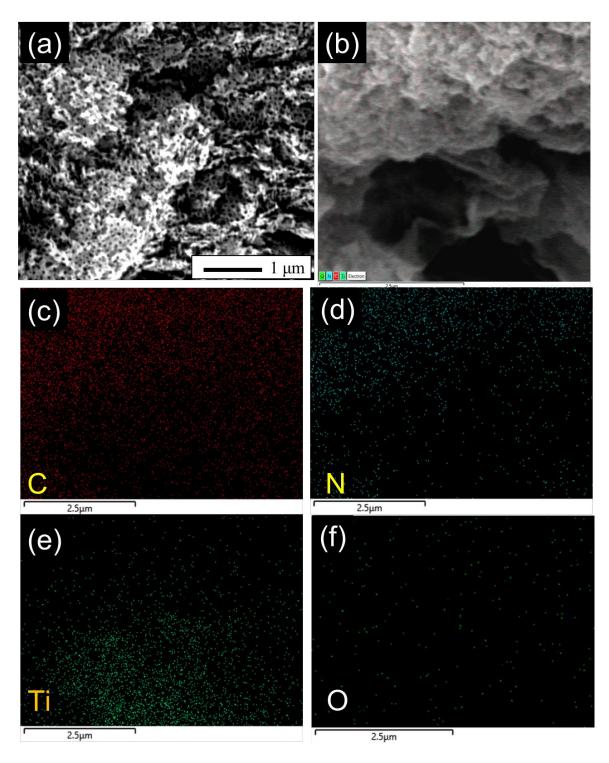


Figure S1: Characterization of g-C₃N₄/TNAs materials: (a) SEM image, (b) EDS layered image, and (c–f) element mapping.

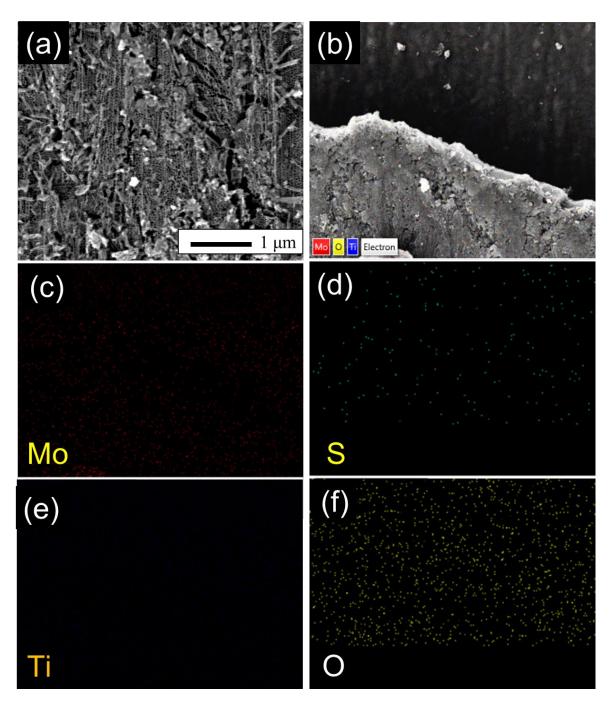


Figure S2: Characterization of MoS₂/TNAs materials: (a) SEM image, (b) EDS layered image, (c–f) and element mapping.

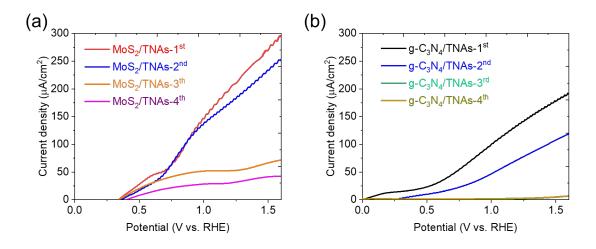


Figure S3: Stability of the MoS₂/TNAs and g-C₃N₄/TNAs heterojunction. After every PEC test cycle, the PEC electrode is immersed in DI water for 1 h and after that it is dried completely before the next test.