

# Supplementary Information

## Structure-Dependent Performance of N-Doped TiO<sub>2</sub> Nanowires toward Efficient Solar-Driven Hydrogen Production

Evan Attalario<sup>1)</sup>, Resha Mutia Rahma<sup>2)</sup>, Yuly Kusumawati<sup>2)</sup>, Atthar Luqman Ivansyah<sup>4)</sup>,  
Yulia Eka Putri<sup>1)</sup>, Diana Vanda Wellia<sup>1)</sup>\*

<sup>1)</sup>Department of Chemistry, Faculty of Mathematics and Natural Sciences, Universitas  
Andalas, Padang, Indonesia

<sup>2)</sup>Department of Chemistry, Faculty of Science and Data Analytics, Sepuluh Nopember  
Institute of Technology, Surabaya, Indonesia

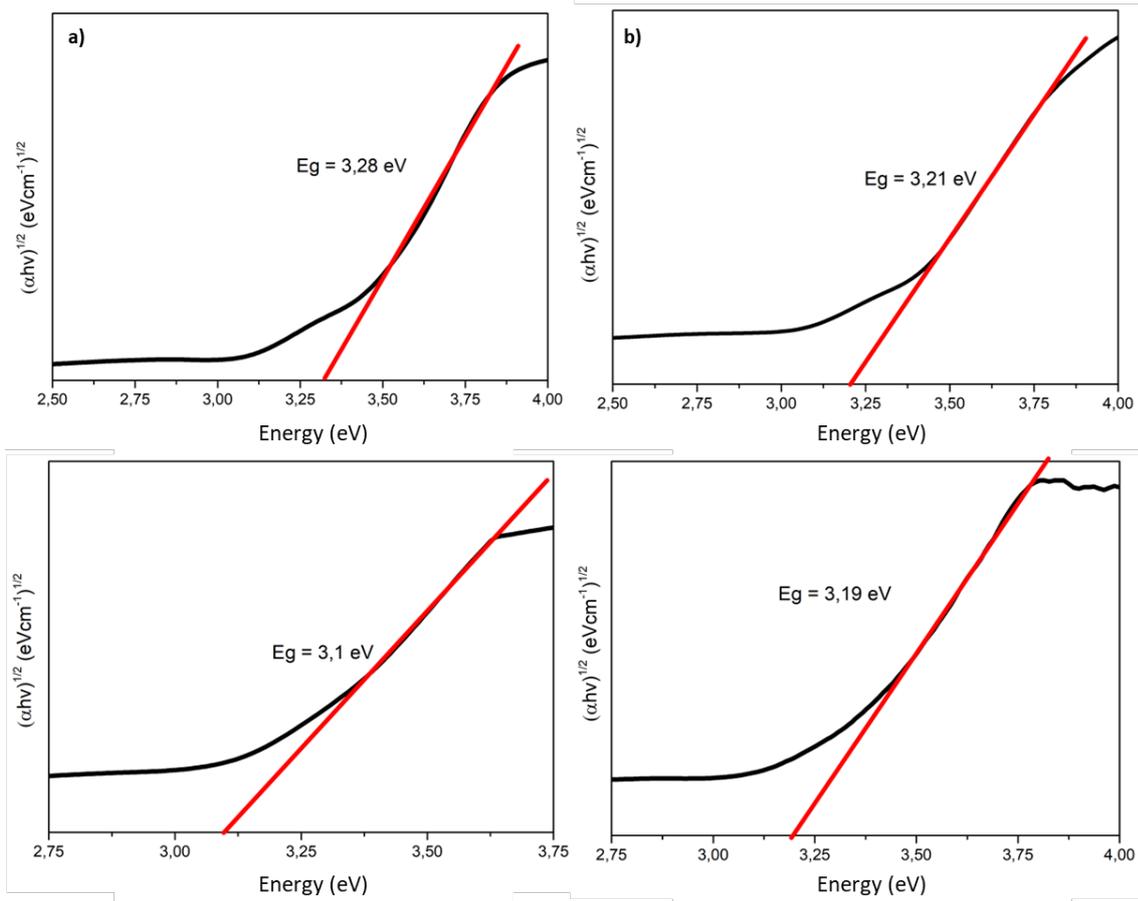
<sup>3)</sup>Department of Environmental Engineering, Faculty of Engineering, Universitas Andalas,  
Padang, Indonesia

<sup>4)</sup>Department of Chemistry, Faculty of Mathematics and Natural Sciences, Bandung Institute  
of Technology, Bandung, Indonesia

\* Corresponding author: [nandadiana@sci.unand.ac.id](mailto:nandadiana@sci.unand.ac.id)



**Figure S1.** Images of samples a) Ti foil, b) TN, c) NTN-1, d) NTN-2, and e) NTN-3



**Figure S2.** Band gap energy of prepared N-doped  $\text{TiO}_2$  calculated using Tauc plot method.