Electronic Supplementary Material (ESI) for Nanoscale.

Photoelectrochemical Properties of MOF Induced Surface Modified TiO_2 Photoelectrode

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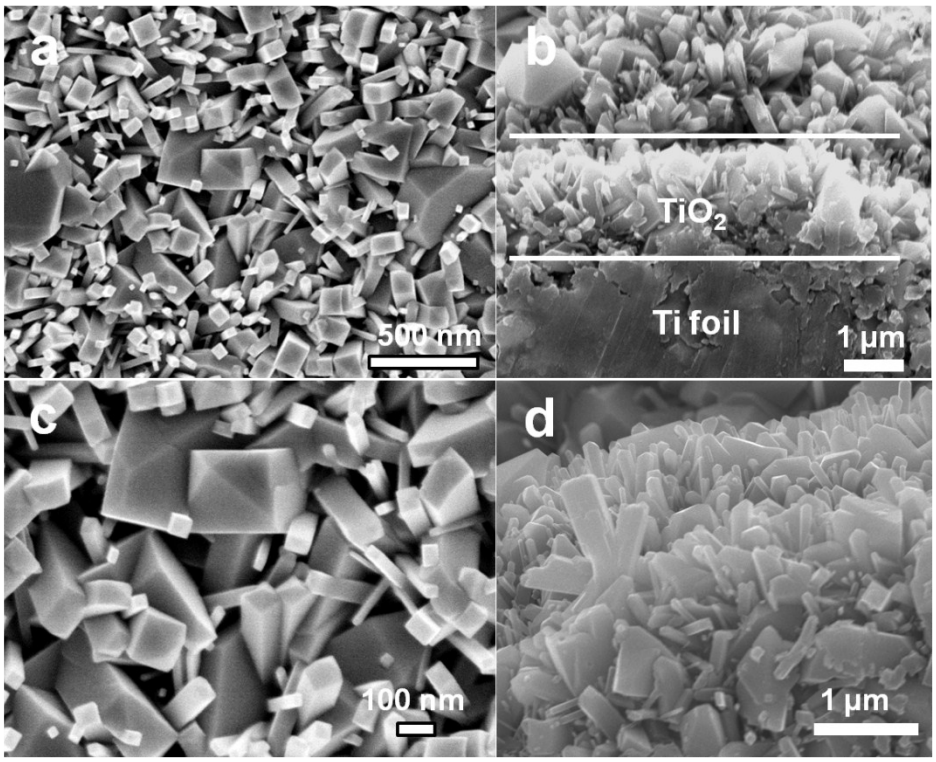

Fig. S1 Top (a, c) and cross-sectional (b, d) view for SEM images of the pristine TiO_2 electrode.

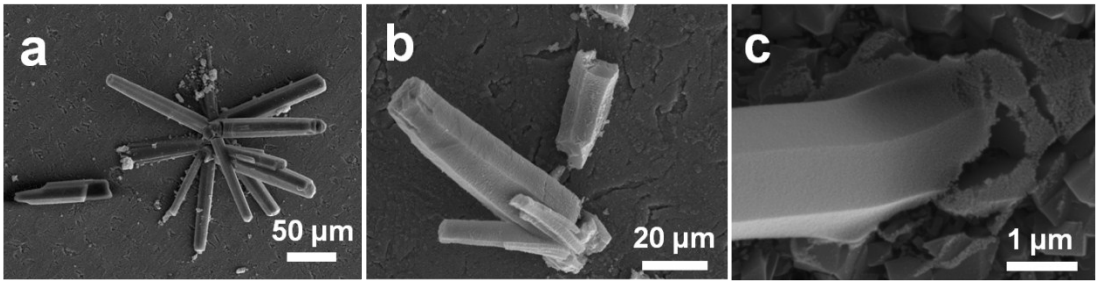

Fig. S2 SEM images of the InNi/N/TiO_2 electrode with 12 h synthesis time (a) before and (b, c) after heat treatment at 600 °C.

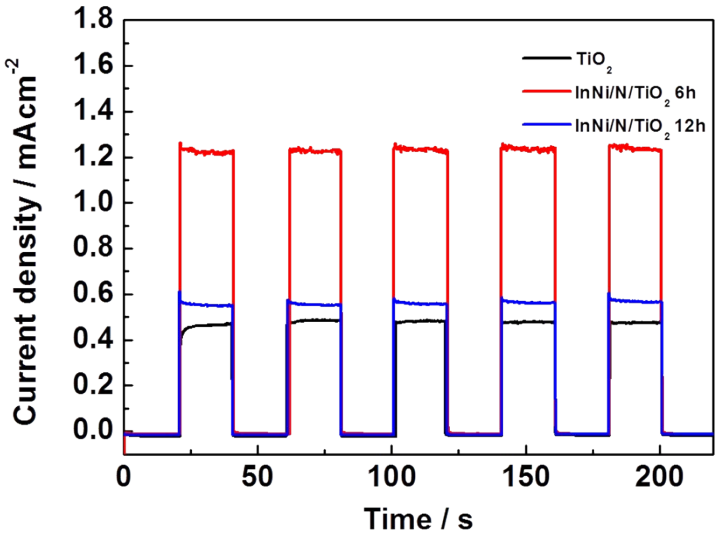

Fig. S3 Transient photocurrents of pristine TiO_2 and InNi/N/TiO_2 photoelectrodes with different synthesis time at 0.6 V vs SCE under simulated sunlight illumination.

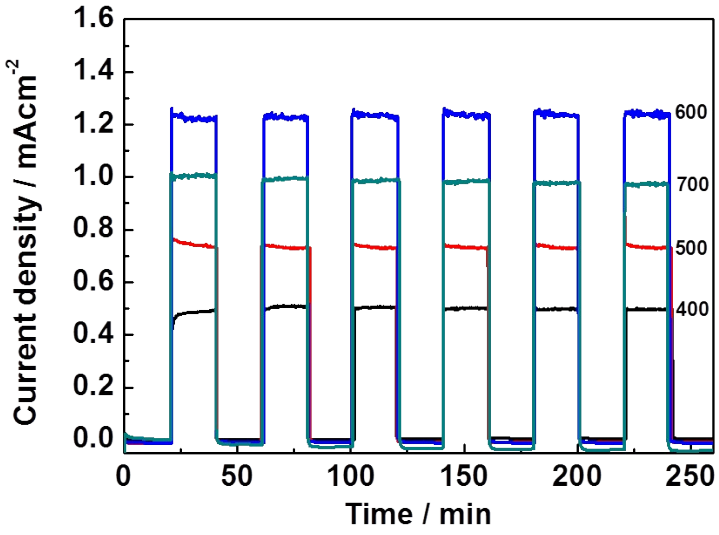

Fig. S4 Transient photocurrents of InNi/N/TiO_2 annealed with different temperatures at 0.6 V vs SCE under simulated sunlight illumination.