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.