

## Enhanced photocatalytic hydrogen evolution and ammonia sensitivity from double-heterojunction g-C<sub>3</sub>N<sub>4</sub>/TiO<sub>2</sub>/CuO

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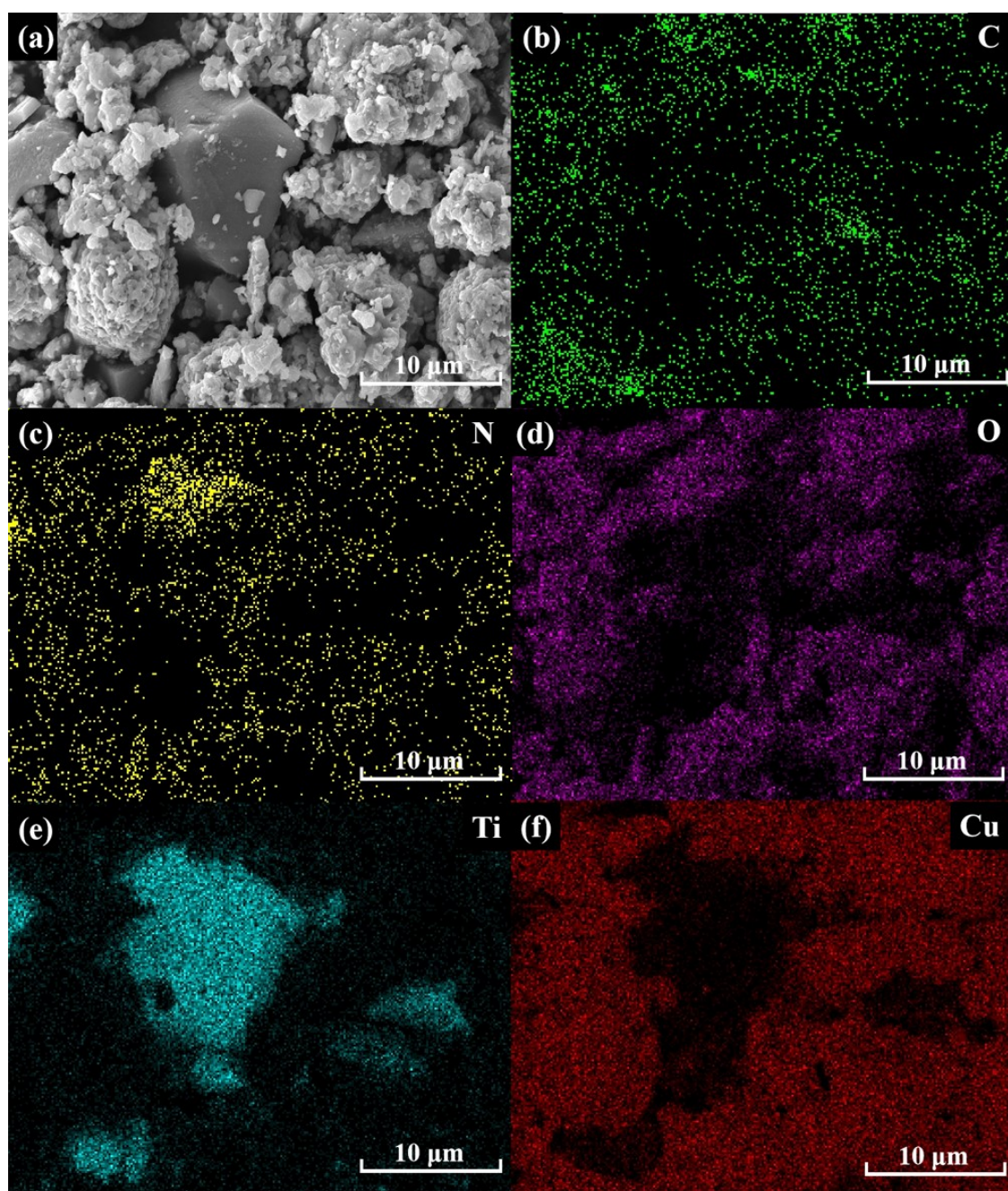


Fig. S 1. (a) SEM image of g-C<sub>3</sub>N<sub>4</sub>/TiO<sub>2</sub>/CuO and elemental mapping of (b) C, (c) N, (d) O, (e) Ti, and (f)

Cu for g-C<sub>3</sub>N<sub>4</sub>/TiO<sub>2</sub>/CuO.