## **Electronic supplementary materials**

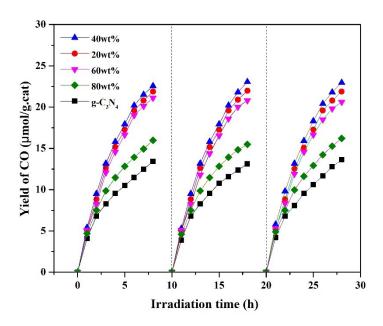


Fig. S1 Cycle characteristic diagram for all composites and pure g-C<sub>3</sub>N<sub>4</sub>.