Supporting information

Improving Photocatalytic Activity for Formaldehyde Degradation by Encapsulating C_{60} Fullerenes into Graphite-like C_3N_4 through the Enhancement of Built-in Electric Fields

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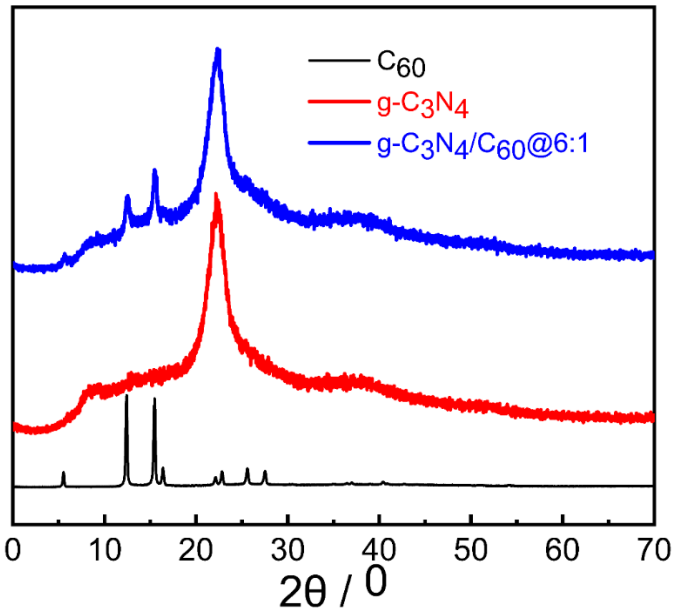

Figure S1. XRD for C_{60}, g-C_3N_4, and g-C_3N_4/C_{60}@6:1.

These observations indicate that C_{60} was successfully deposited onto g-C_3N_4 without changing the crystal structure (Figure S1).

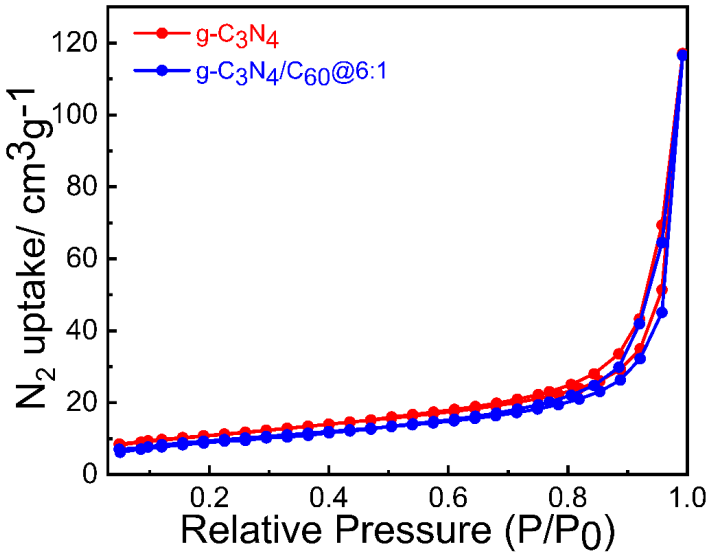

Figure S2. Nitrogen adsorption and desorption isotherms of g-C_3N_4, and *g*-C_3N_4/C_{60}@6:1 at 77 K.

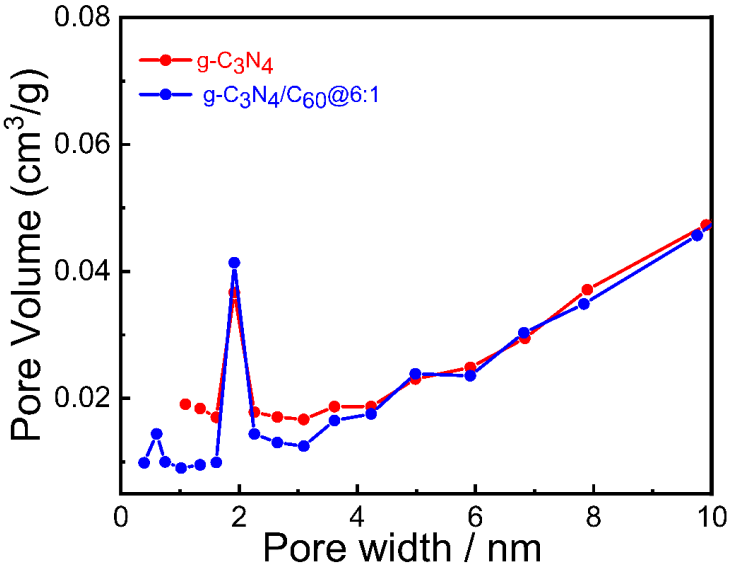

Figure S3. pore size distribution for g-C_3N_4 and *g*-C_3N_4/C_{60}@6:1.