



Fig. A1. (a-c) Degradation of dyes under different conditions. (d) $\ln(C_t/C_0)$ of different catalytic systems (CC-G-20/dyes/visible light/ H_2O_2 systems) varied with the reaction time. (e) Reaction rate constants of different catalytic systems in A1 (d). (f) Degradation efficiency of different catalytic systems in A1.