

Electronic Supplementary Information

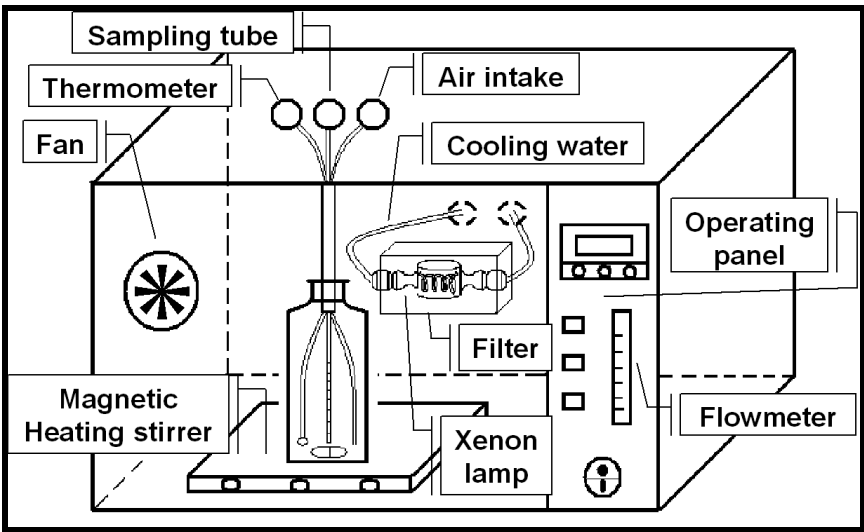


Fig. S1 The photocatalytic reactor

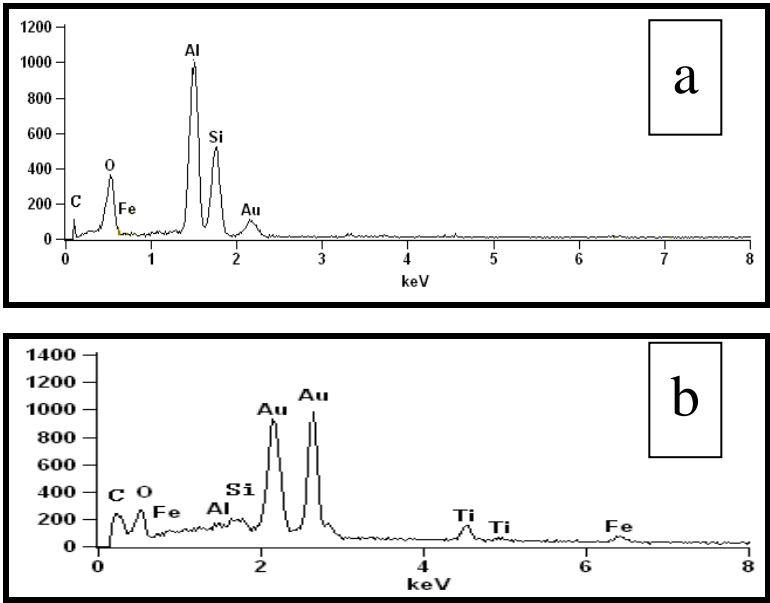


Fig. S2 The EDS spectra of FC (a) and MCIP (b)

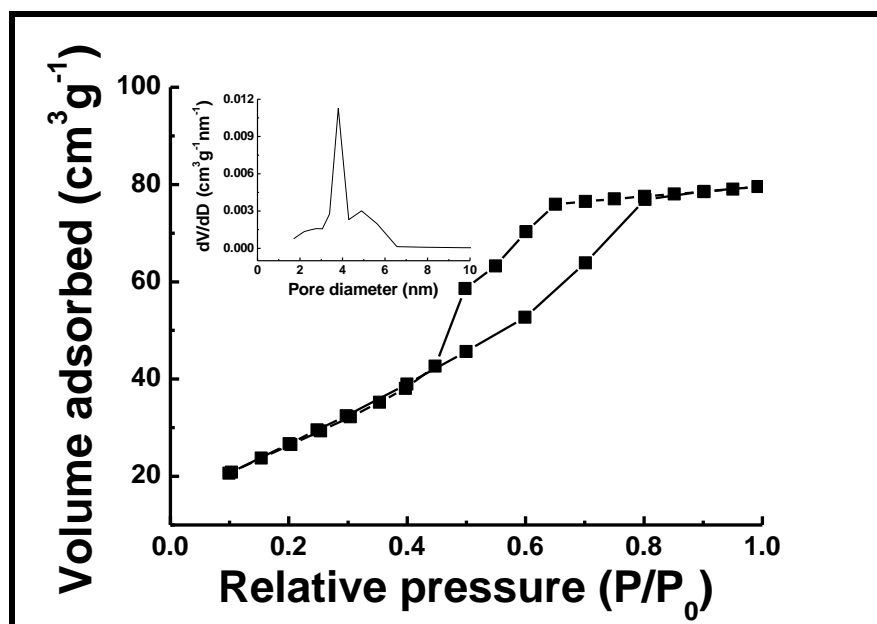


Fig. S3 N<sub>2</sub> adsorption-desorption isotherm and corresponding pore size distribution curve (inset)

of MCIP

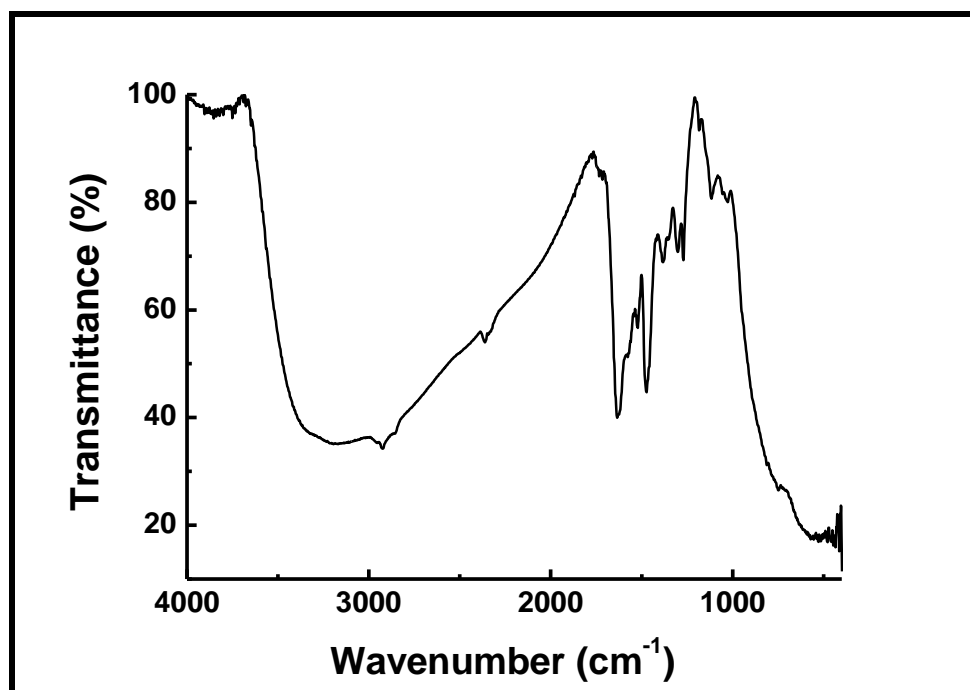


Fig. S4 The FT-IR spectrum of MCIP

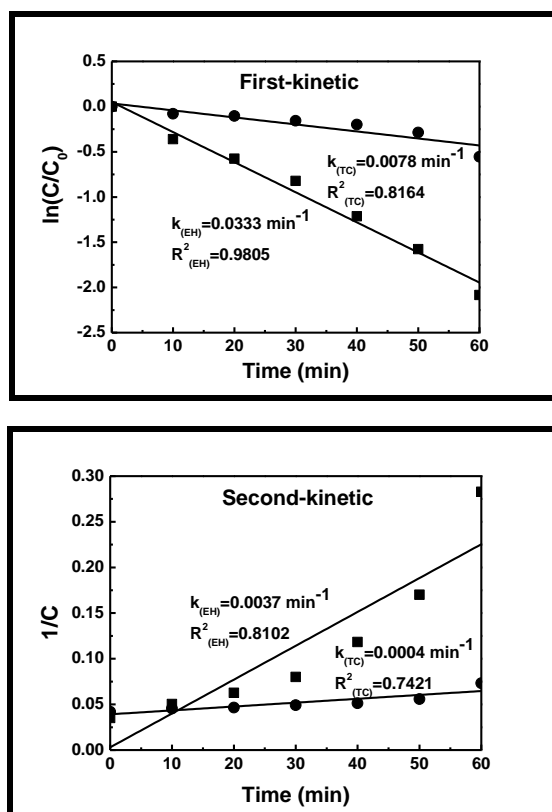


Fig. S5 First-kinetic and second-kinetic of degradation of the single antibiotic solution with MCIP

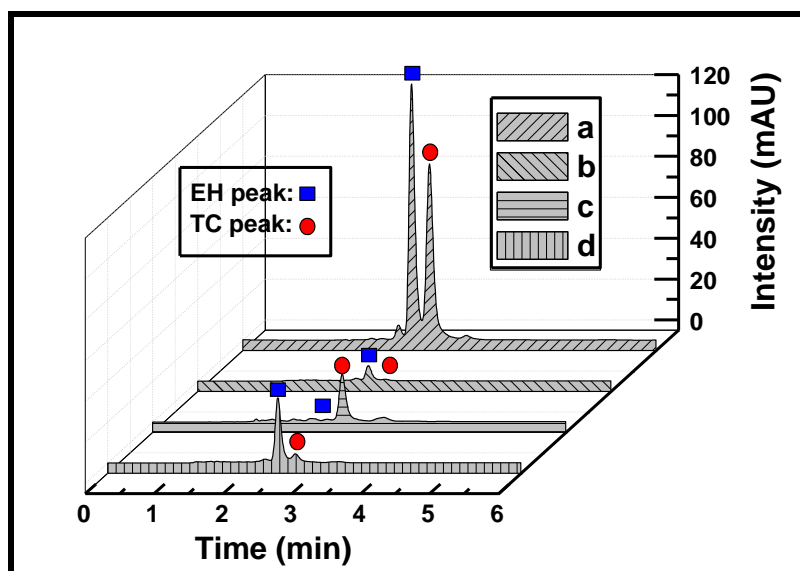


Fig. S6 HPLC spectra of the binary antibiotic solution (a), degradation of the binary antibiotic solution with TMFFC in 60 min under visible light irradiation (b), degradation of the binary antibiotic solution with MCIP in 60 min under visible light irradiation (c), degradation of the

binary antibiotic solution with MCNIP in 60 min under visible light irradiation (d)

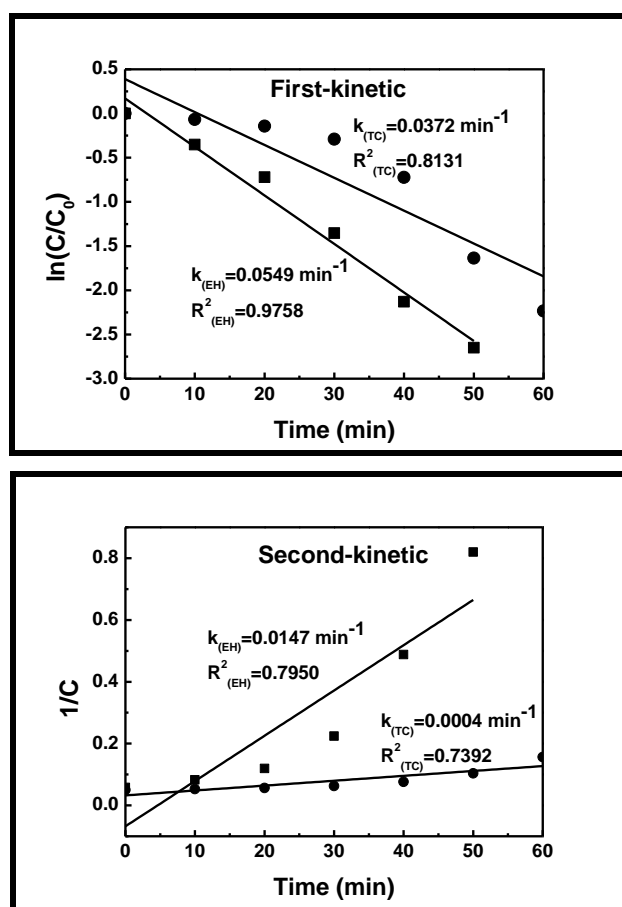


Fig. S7 First-kinetic and second-kinetic of degradation of the binary antibiotic solution with MCIP