Electronic Supplementary Information

Fig. S1 The photocatalytic reactor

Fig. S2 The EDS spectra of FC (a) and MCIP (b)
Fig. S3 N\textsubscript{2} 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