SUPPLEMENTARY INFORMATION

Photocatalytic degradation of Ciprofloxacin and Metformin in a continuous-flow tubular reactor

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DATASET FOR FIGURES

Data for Fig. 7:

Table S1: Concentration of Ciprofloxacin and Metformin over time in single drug and drug mixture experiments in the presence of photocatalyst under UV irradiation.

Time (hr)	Concentration of CIP in drug mixture experiment (mg/L)	Concentration of MET in drug mixture experiment (mg/L)	Concentration of CIP in single drug experiment (mg/L)	Concentration of MET in single drug experiment (mg/L)
0	1 (±0.1)	1 (±0.1)	1 (±0.1)	1 (±0.1)
1	0.57 (±0.057)	0.63 (±0.063)	0.64 (±0.064)	0.63 (±0.063)
3	0.44 (±0.044)	0.34 (±0.034)	0.51 (±0.051)	0.35 (±0.035)
5	0.33 (±0.033)	0.26 (±0.026)	0.35 (±0.035)	0.22 (±0.022)
7	0.25 (±0.025)	0.18 (±0.018)	0.26 (± 0.026)	0.135 (±0.0135)
9	0.15 (±0.015)	0.08 (±0.008)	0.078 (± 0.0078)	0.082 (±0.0082)

Data for Fig. 8:

Table S1: Concentration of Ciprofloxacin and Metformin over time in single drug and drug mixture experiments in the absence of photocatalyst under UV irradiation (only photolysis).

Time (hr)	Concentration of CIP in drug mixture experiment (mg/L)	Concentration of MET in drug mixture experiment (mg/L)	Concentration of CIP in single drug experiment (mg/L)	Concentration of MET in single drug experiment (mg/L)
0	1 (±0.1)	1 (±0.1)	1 (±0.1)	1 (±0.1)
2	0.73 (±0.073)	0.75 (±0.075)	0.79 (±0.079)	0.81 (±0.081)
4	0.71 (±0.071)	0.69 (±0.069)	0.65 (±0.065)	0.67 (±0.067)
6	0.67 (±0.067)	0.66 (±0.066)	0.54 (±0.054)	0.5 (±0.05)
8	0.65 (±0.065)	0.64 (±0.064)	0.5 (±0.05)	0.42 (±0.042)

Data for Fig. 9:

Table S3: Total organic carbon (TOC) analysis of photocatalytic degradation of ciprofloxacin and metformin.

Time (hr)	TOC values, of ciprofloxacin degradation experiment (mg/L)	TOC values in Metformin degradation experiment (mg/L)	TOC values of mixture in mixture degradation experiment (mg/L)
0	1.577 (±0.1577)	1.144 (±0.1144)	2.792 (±0.2792)
3	0.7775 (±0.07775)	0.9237 (±0.09237)	2.154 (±0.2154)
9	0.7263 (±0.07263)	0.331 (±0.0331)	0.951 (±0.0951)

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