Supplementary Information

Photocatalytic Microporous Membrane Against the Increasing Problem of Water Emerging Pollutants

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Figure S1. For methylene blue (MB) (a), ciprofloxacin (CIP) (b), and ibuprofen (IBP) solutions (c).

Figure S2, S3, and S4 shows the kinetic fits for methylene blue (MB), ciprofloxacin (CIP), and ibupmo (IBP), respectively.

MB - 1st use

\[
y = 0.4781e^{-0.019x} \\
R^2 = 0.9669
\]

MB - 2nd use

\[
y = 0.4575e^{-0.02x} \\
R^2 = 0.9931
\]
Figure S2. Blue (MB) degradation and kinetic fit obtained during four consecutive uses.

Figure S3. Degradation and kinetic fit obtained during four consecutive uses.
Figure S4. Degradation and kinetic fit obtained during four consecutive uses.