

Material	q <sub>0</sub> (mg/L)	Initial CR concentration (mg L <sup>-1</sup> )	Catalyst dosage (g L <sup>-1</sup> )	Light source	Degradation time (min)	Degradation efficiency (%)	Ref.
TTPA	100.00	800	0.2	Xenon lamp (HWP, λ > 420 nm)	120	81	This work
CC-DBA-POF	100	–	–	–	–	–	1
TPE-DAPI-POF	100	–	–	–	–	–	2
COF-90	400.0	–	–	–	–	–	3
N-MCA aerogels	400	–	–	–	–	–	4
P-ZnO/Cu <sub>2</sub> O@ZnO	–	20	1	LED light (20 °C, water white)	200	81.83	5
B <sub>12</sub> (Phe) <sub>2</sub> CEs	–	20	0.3	Xenon lamp (HWP, λ > 420 nm)	60	97.2	6
Cu <sub>2</sub> O/Cu-Ag@AgCl	–	20	0.3	Xenon lamp (HWP, λ > 420 nm)	60	82.6	7
YbTeO <sub>6</sub> /r-10% Mg <sub>2</sub> MO <sub>4</sub>	122.88	100	1	Xenon lamp (HWP, 330–730 nm)	120	89.98	8
TiO <sub>2</sub> /Cu-LD composite aerogels	247.50	200	1	Xenon lamp (HWP, 170–11g)	180	81	9