

Table S2. Comparison of photocatalytic degradation efficiencies of reported catalysts with CR dye.

Photocatalyst	Lamp	Yield	Time (min)	References
C ₃ N ₄ QDs/MIL-101(Fe)-5	300W Xe lamp	99.5	20	This work
Ti ₃ C ₂ T _x /ZIF-8@TA30	visible light	85	60	S1
ZrO ₂ /CeO ₂ /ZnO	LED warm white light	84	250	S2
CuS/ZnO	visible light	80	120	S3
TiO ₂ -doped cobalt ferrite	visible light	85	120	S4