

Supplementary materials

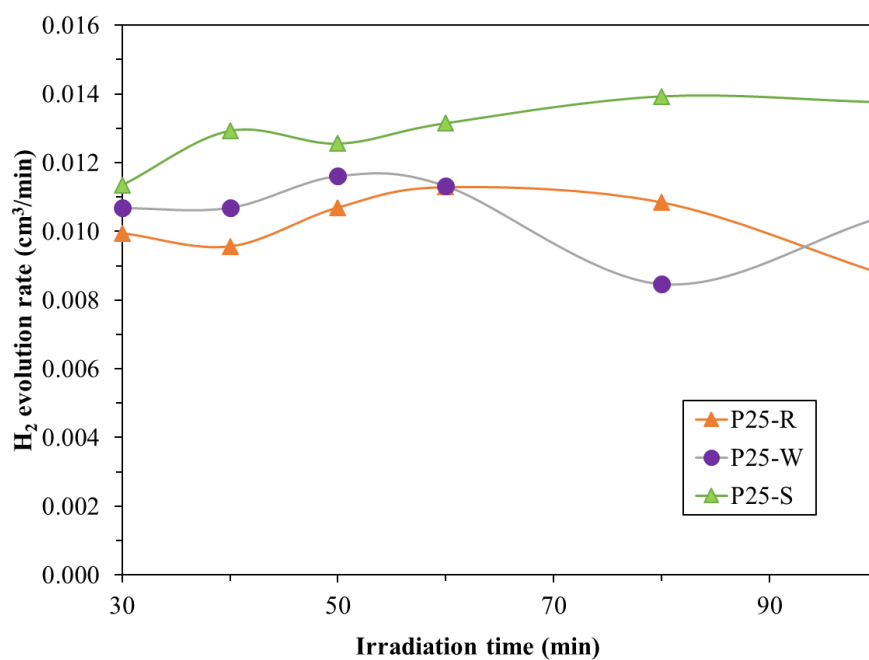


Figure S1. H₂ production rate using oxalic acid as sacrificial agent and selected P25-Au-based composites as photocatalysts.

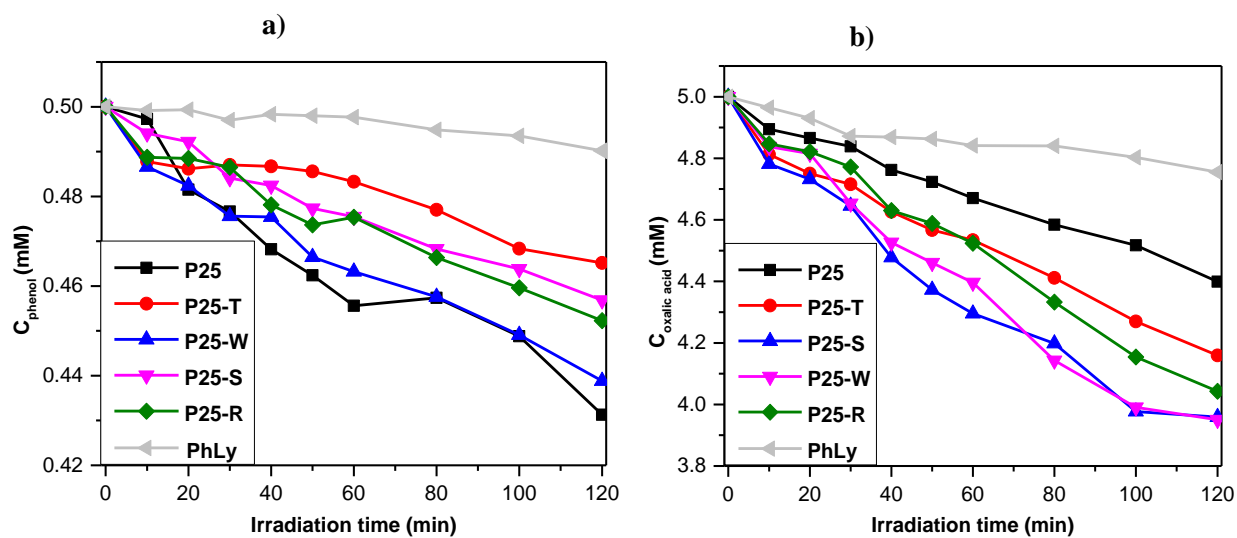


Figure S2. Degradation curves for phenol (a) and oxalic acid (b) of the prepared nanocomposites under Vis irradiation (PhLy refers to the degradation without photocatalyst).