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Electronic Supplementary Information

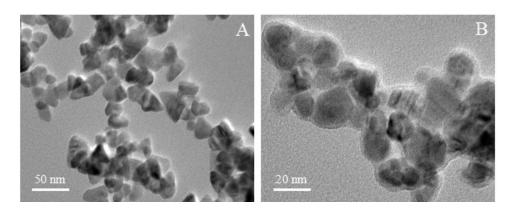


Fig. S1. TEM images of CdS (A) and POPD-CdS (B).

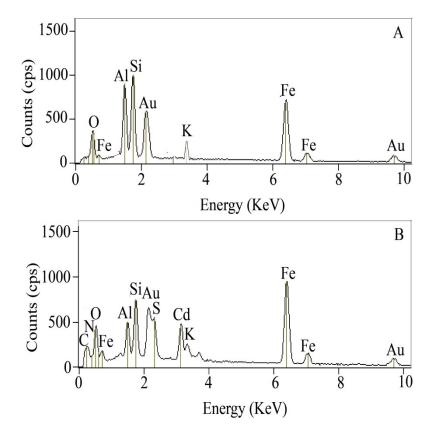


Fig. S2. EDS spectra of MFA (A) and POPD-CdS heterojunction embedded magnetic imprinted photocatalyst (B).

Samples	BET specific surface area	Average pore diameter
	(m^{2}/g)	(nm)
a	31.5058	3.5502
b	10.4621	6.7870
С	0.2971	0.0514

а b Relative Abundance Relative Abundance m/z m/z d с Relative Abundance **Relative Abundance** m/z m/z

Fig. S3. Mass spectra of degrading CIP with POPD-CdS heterojunction embedded magnetic imprinted photocatalyst (a. the initial solution, b. degradation of CIP in 10 min, c. degradation of CIP in 30 min and d. degradation of CIP in 60 min).

Table S1. BET specific surface area and average pore diameter of POPD-CdSheterojunction embedded magnetic imprinted photocatalyst (a), non-imprintedphotocatalyst (b) and MFA (c).