

## Supporting Information

### 4,4',4''-triaminotriphenylamine-based porous polyimide as visible-light-driven photocatalysts

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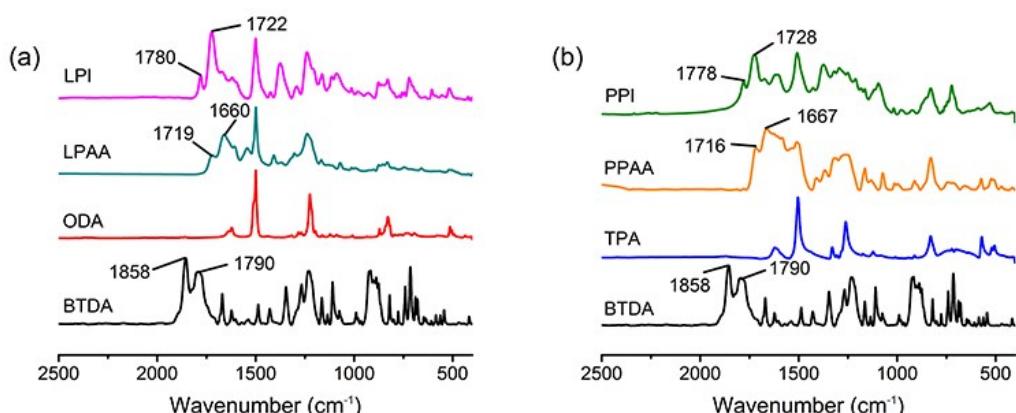


Fig. S1. FT-IR spectra of (a) ODA, BTDA, LPAA and LPI; (b) TPA, BTDA, PPAA and PPI.

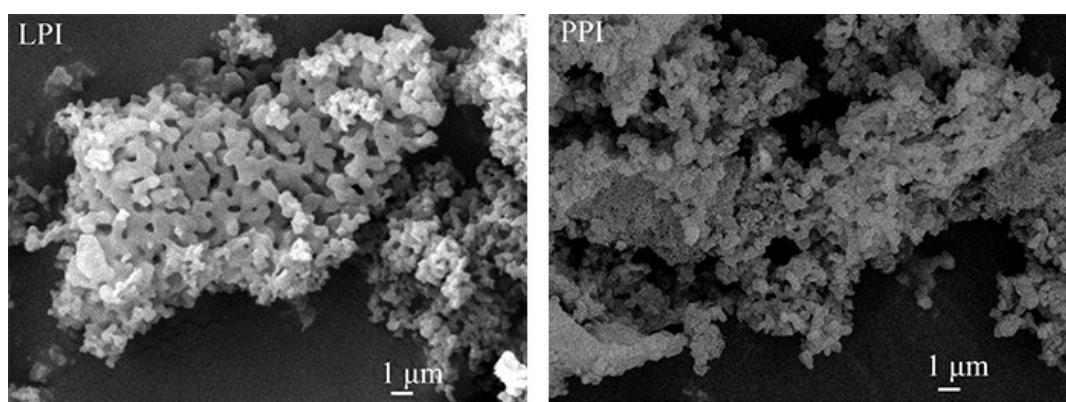


Fig. S2. The low magnification SEM images of LPI and PPI.

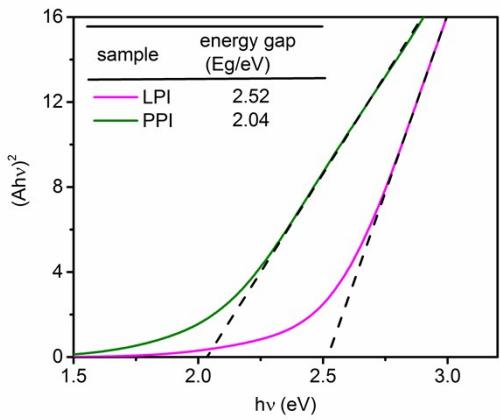


Fig. S3. The Tauc plot of LPI and PPI with the band gap shown in inset.

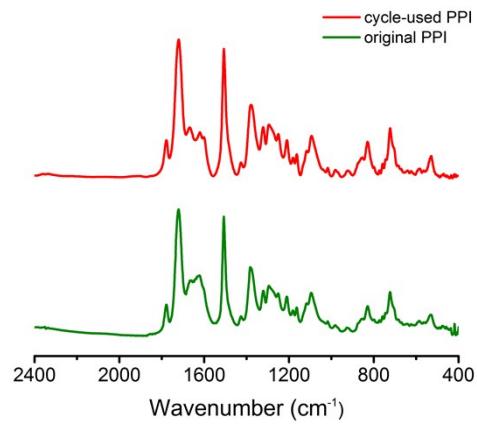


Fig. S4. FT-IR spectra of cycle-used PPI and original PPI.

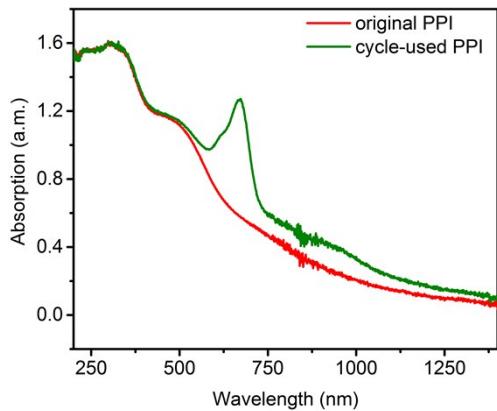


Fig. S5. UV-vis absorption spectrum of cycle-used PPI and original PPI.