Effects of electron-donating groups on the photocatalytic reaction of MOFs

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Figure S1. The IR of MIL-101(Fe).



Figure S2. The IR of UIO-66.



Figure S3. The IR of MIL-101(Fe)-NO₂.



Figure S4. The IR of MIL-101(Fe)-COOH.



Figure S5. The IR of MIL-101(Fe)-NH₂.



Figure S6. The IR of MIL-101(Fe)-OH.



Figure S7. The IR of UIO-66-NO₂.



Figure S8. The IR of UIO-66-COOH.



Figure S9. The IR of UIO-66-NH₂.



Figure S10. The IR of UIO-66-OH.



Figure S11. The N₂ adsorption-desorption isotherms of MIL-101(Fe)-X.



Figure S12. The N₂ adsorption-desorption isotherms of UIO-66-X.



Figure S13. The powder diffraction for (a) MIL-101(Fe)-N and (b) UIO-66-N of after the photocatalytic reactions.



с

d

Figure S14. The XPS for (a) before photocatalytic reactions of MIL-101(Fe)-X; (b) after photocatalytic reactions of MIL-101(Fe)-X and (c) before photocatalytic reactions of UIO-66-X; (d) after photocatalytic reactions of UIO-66-X.