Supplementary Material

Cu-Metalated Porphyrin-Based MOFs Coupled with Anatase as Photocatalysts for CO_2 Reduction: The Effect of Metalation Proportion

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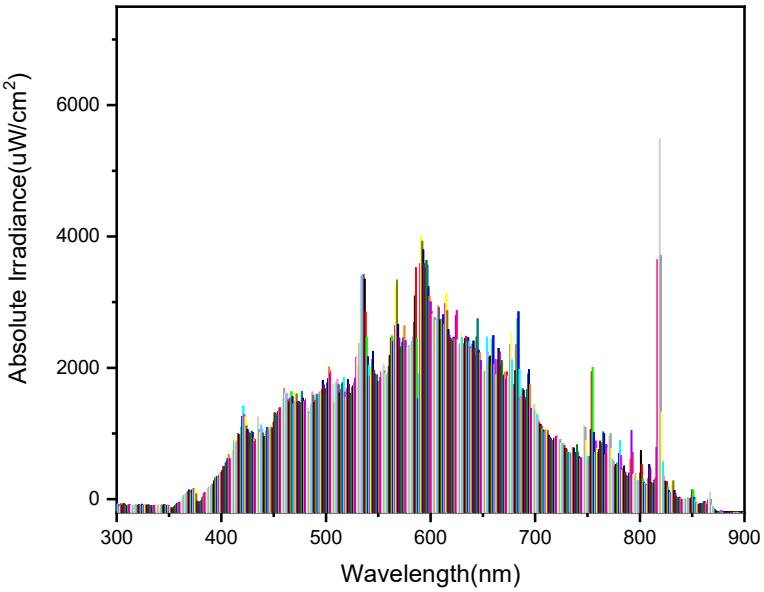

Figure S1. Irradiance spectra of the lamp used for the catalytic reactions.

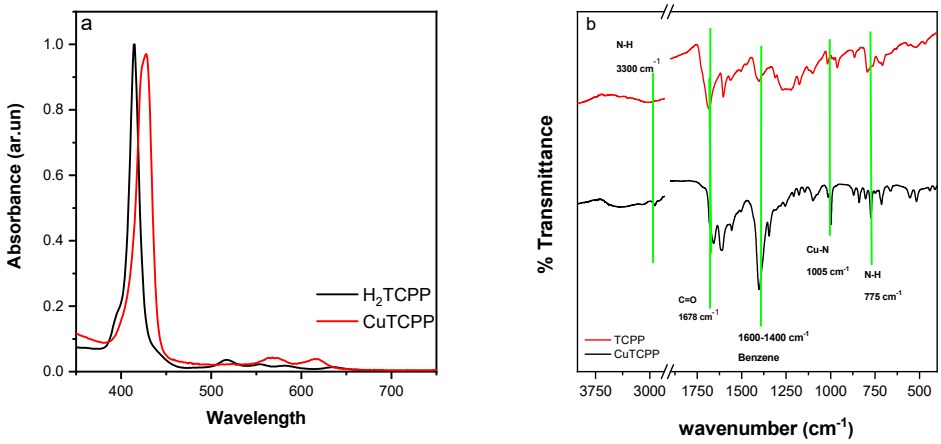

Figure S2. UV-Vis (a) and ATR (b) spectra of the of the free-base H_2TCPP and the metalated CuTCPP complex.

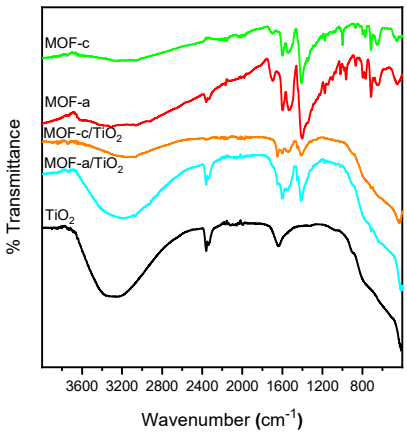

Figure S3. ATR spectra of TiO_2, pure MOFs and composite nanomaterials.

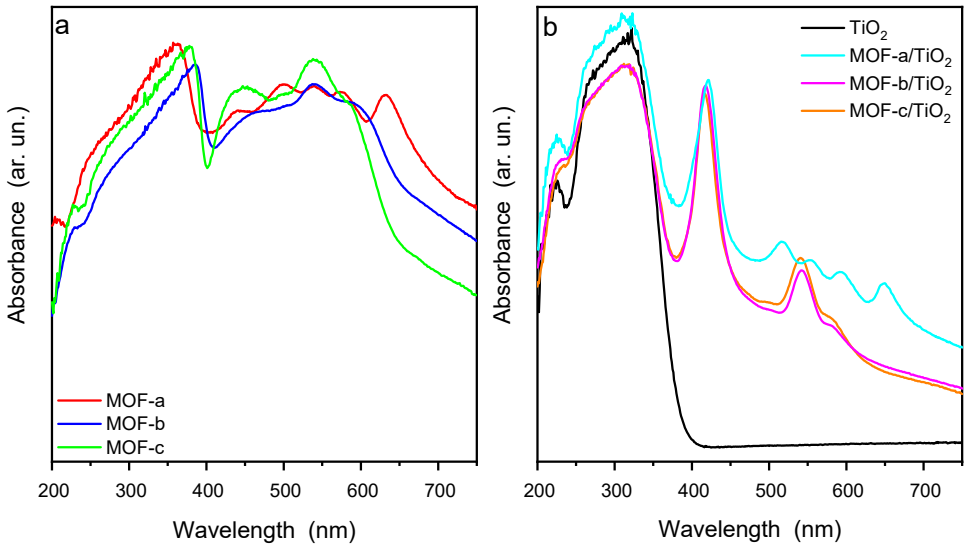

Figure S4. DR-UV-Vis spectra of the pure MOFs (a) and the TiO_2 and composite materials (b).

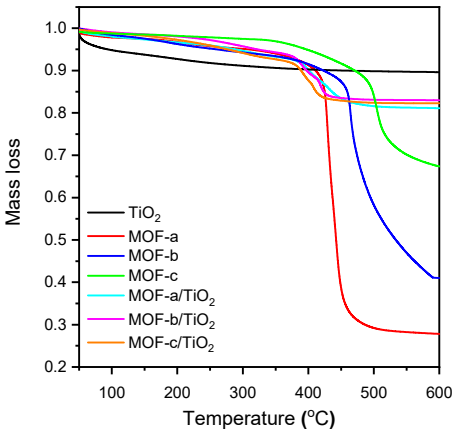

Figure S5. TGA profile of TiO_2, synthesized MOFs and composite materials.

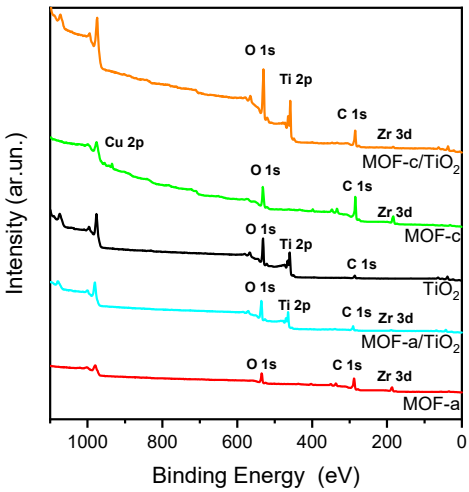

Figure S6. Survey spectra of TiO_2, MOFs and composite materials.

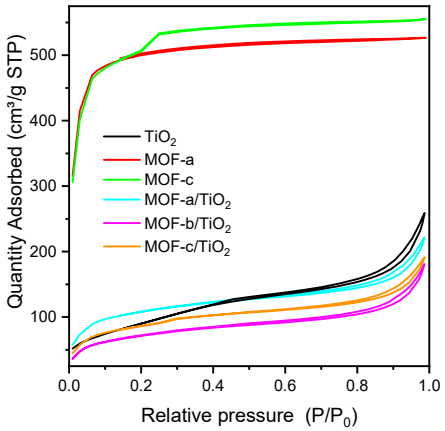

Figure S7. Nitrogen sorption/desorption isotherms of the prepared materials

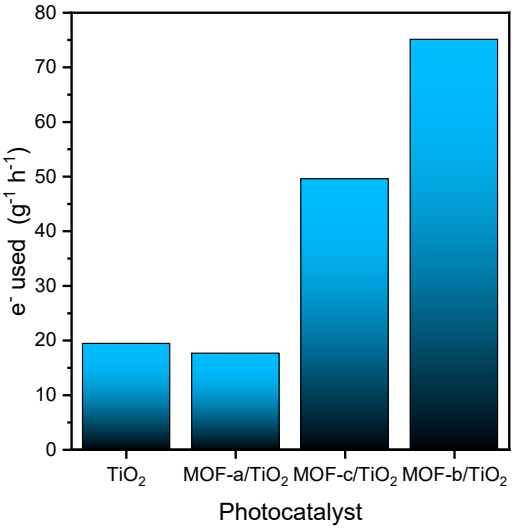

Figure S8. Number of e^- utilized by the catalysts