

Supplementary Material

Engineering a bacterial polysaccharide-based Metal-organic framework enhanced bioactive 3D hydrogel for accelerated full-thickness wound healing

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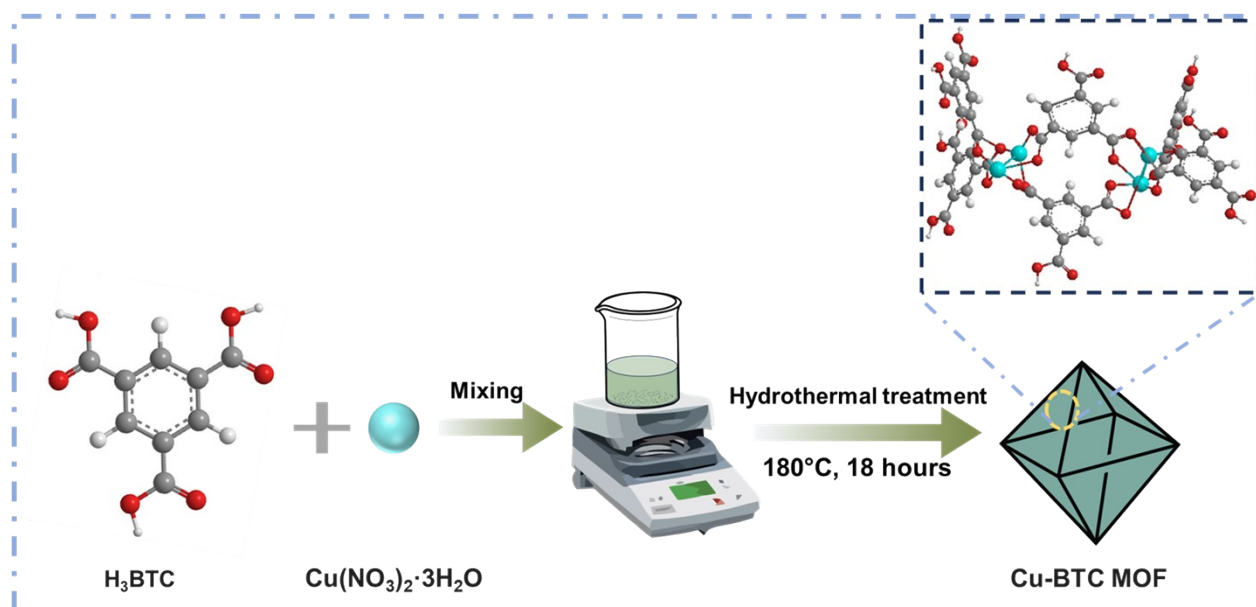


Fig. S1 Scheme showing preparation of Cu-BTC MOFs.

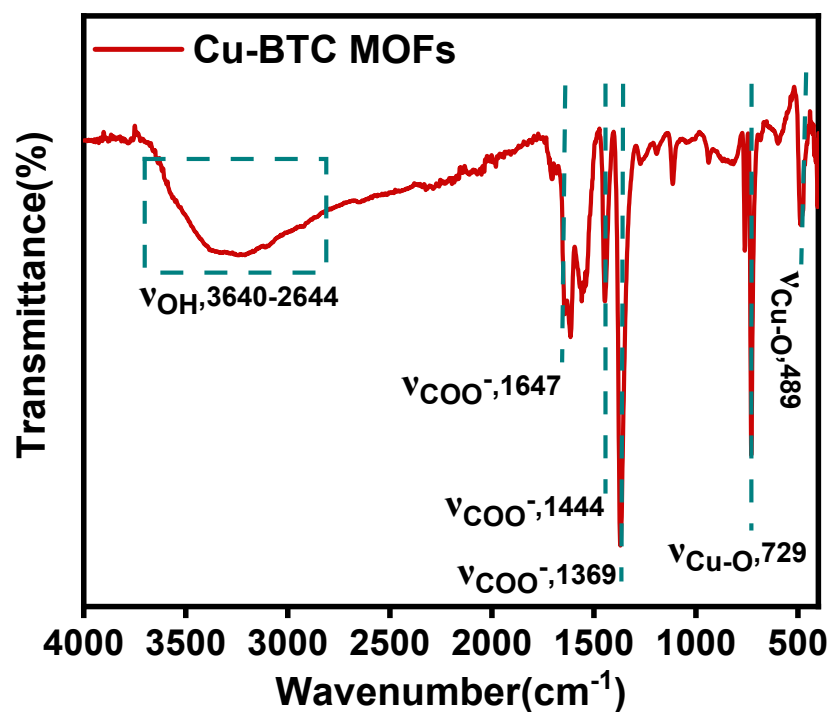


Fig. S2 FT-IR spectra of Cu-MOF.

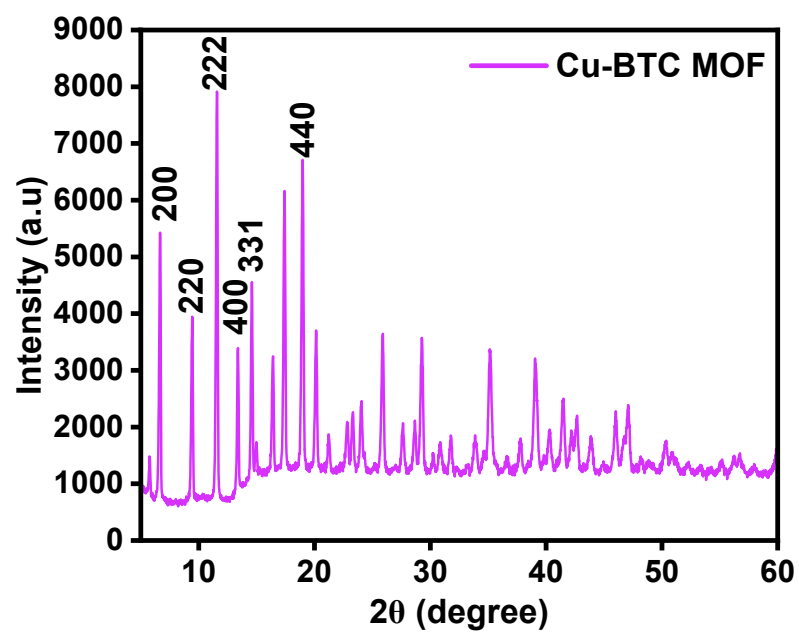


Fig. S3 XRD spectra of Cu-MOF.

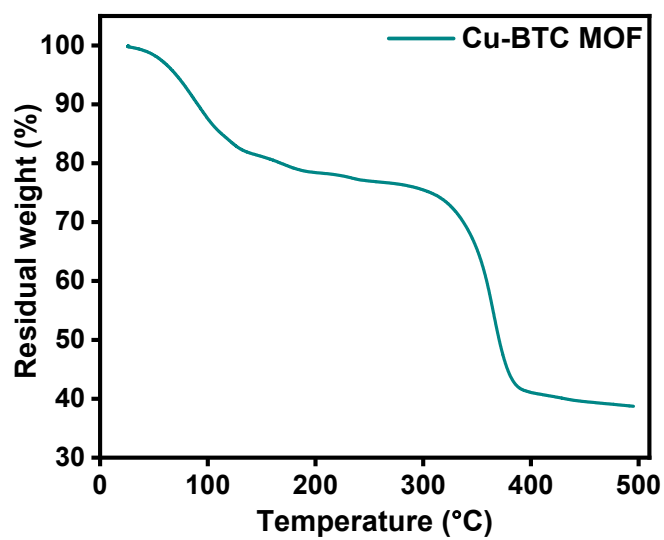


Fig. S4 Thermogravimetric analysis of synthesized Cu-BTC MOFs.

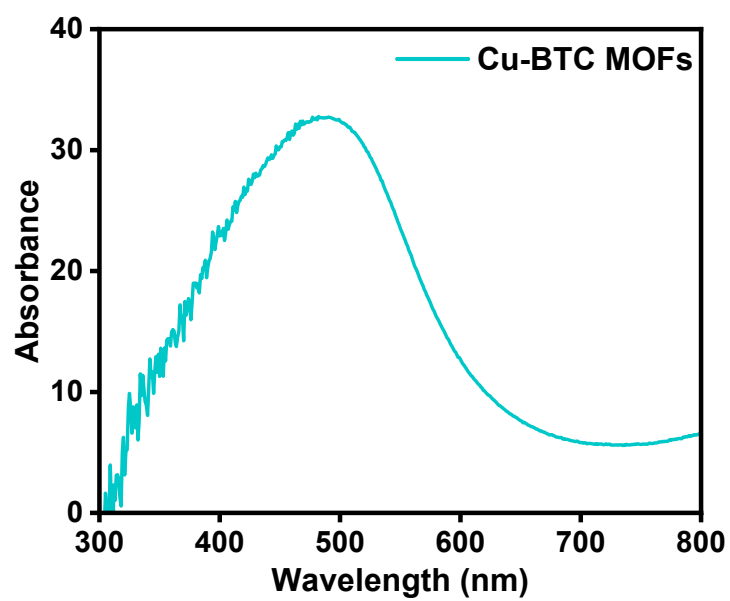


Fig. S5 UV-Absorbance spectra of Cu-MOF.

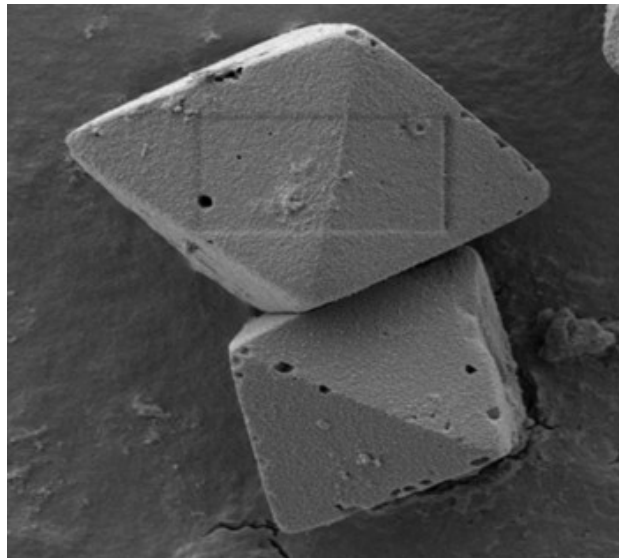


Fig. S6 FE-SEM image of Cu-MOFs.

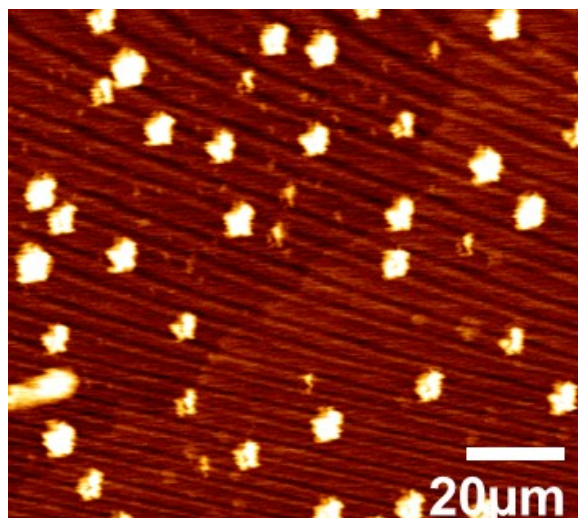


Fig. S7 AFM image of Cu-BTC MOFs.

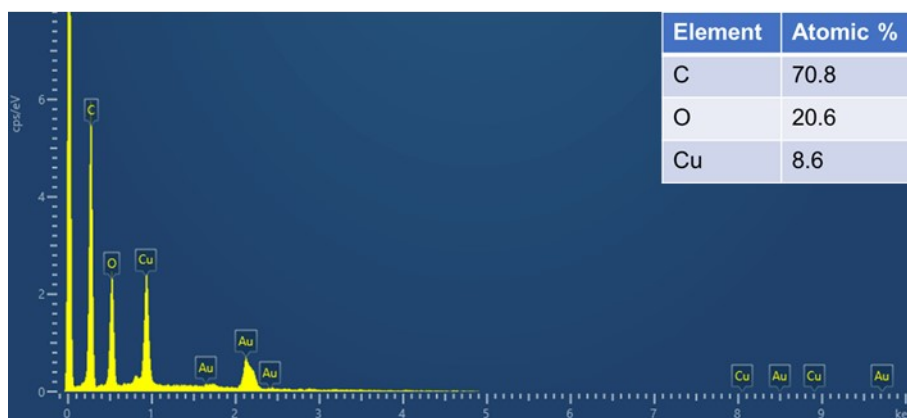


Fig. S8 EDS of Cu-BTC MOFs.

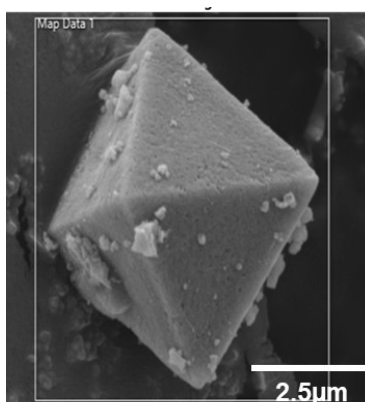


Fig. S9 Magnified FE-SEM image of single Cu-MOF.

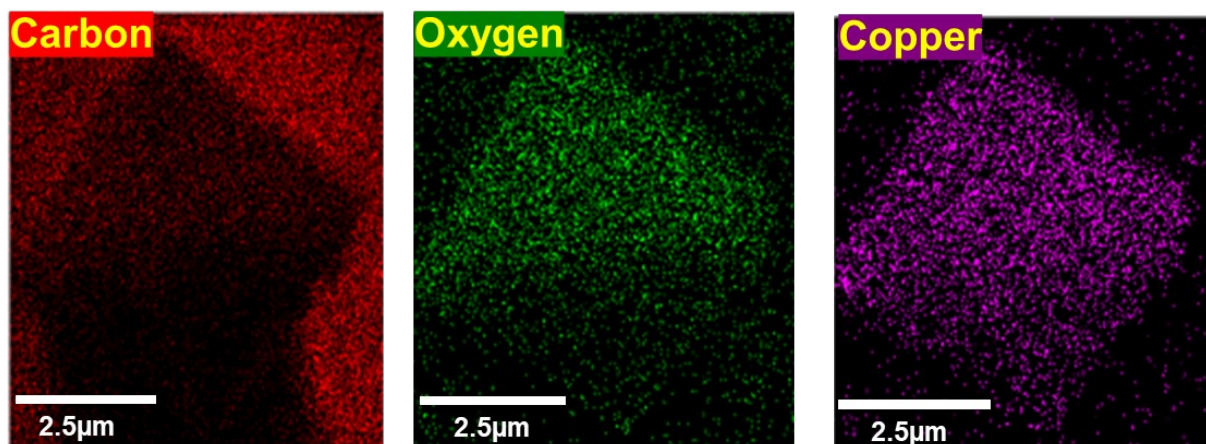


Fig. S10 Elemental composition of Cu-MOF, showing presence of different elements Carbon, Oxygen, Copper in synthesized Cu-MOFs.

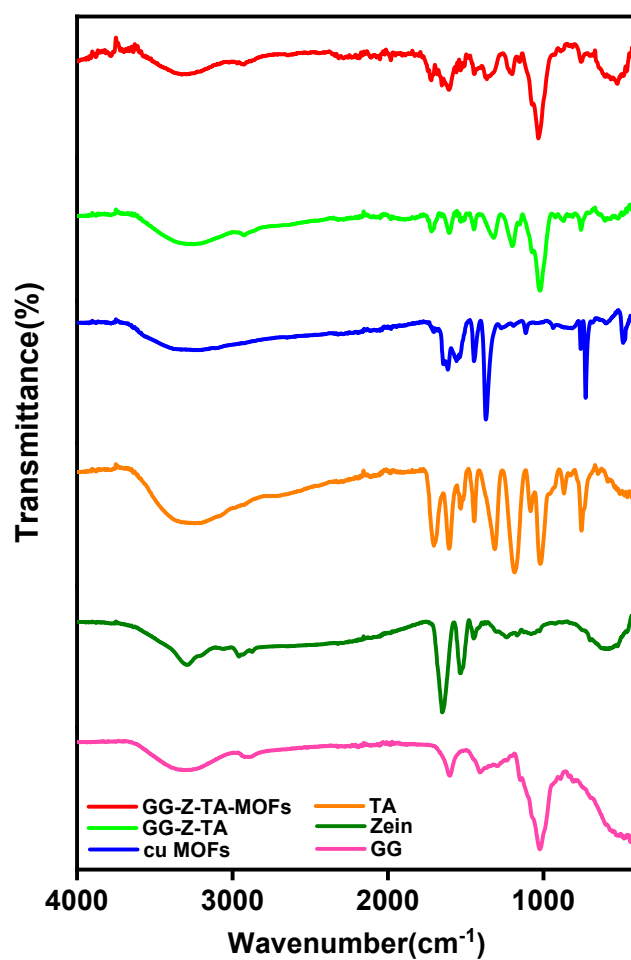


Fig. S11 FTIR of fabricated hydrogels