

Supplementary materials

Thermo- and pH-tolerance xylanase immobilized magnetic responsive Zr-MOFs composites as recyclable biocatalyst for the degradation of corn straw

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Experiment section

magnetic Zr-MOFs particles characterization

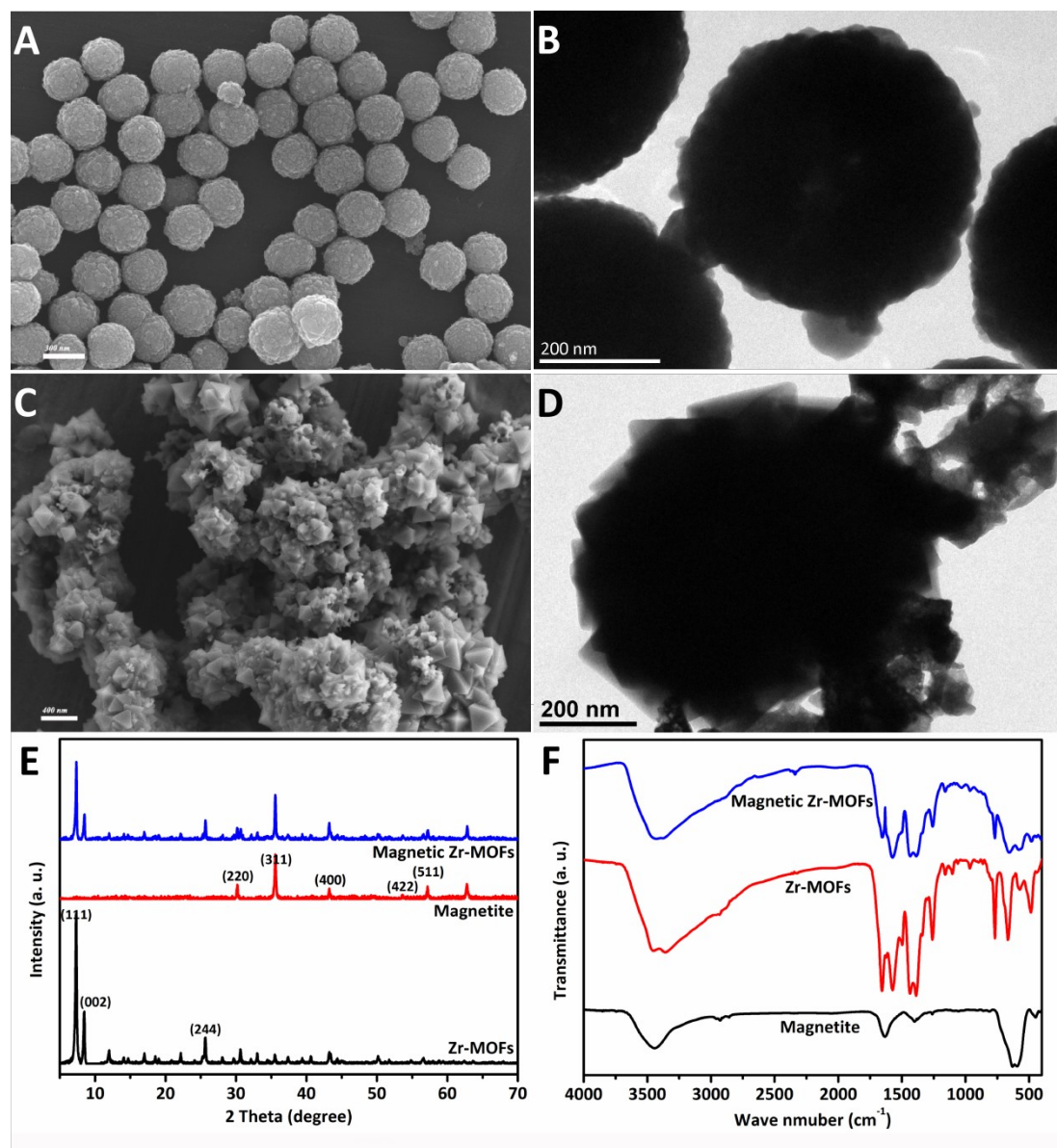


Fig. S1 Morphology and structural characterization of magnetic Zr-MOFs particles and their precursor. SEM images (A and C) and TEM images (B and D) of Fe_3O_4 and magnetic Zr-MOFs particles, respectively; XRD patterns (E) and FTIR spectra (F) of magnetic Zr-MOFs particles and their precursor, respectively.