

Electroni Supplementary Information(ESI)

Enhancing reaction rate in Pickering emulsion system with natural magnetotactic bacteria as nanoscale magnetic stirring bars

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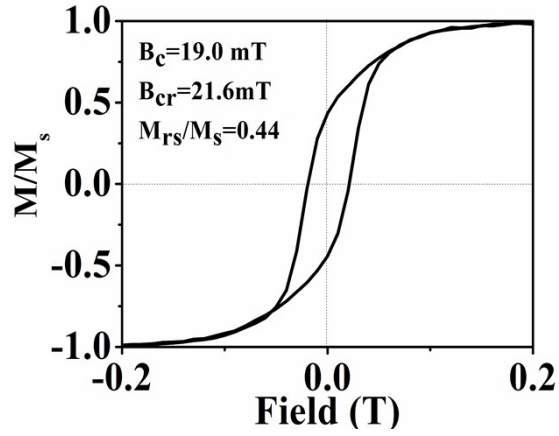


Fig. S1 Hysteretic properties for the bacteria sample.

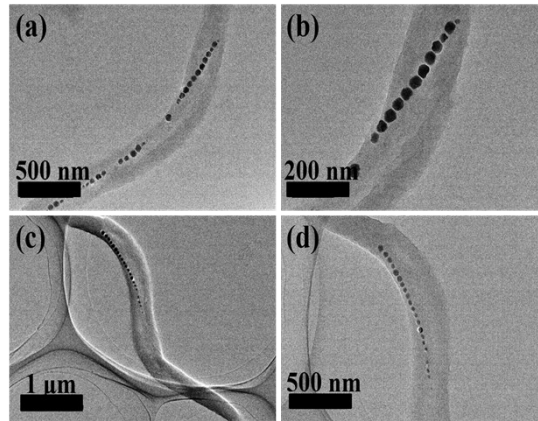


Fig. S2 TEM images of AMB-1 cell after immersed in 5% H_2O_2 solution for (a, b) 3 hours and (c, d) 5 hours.

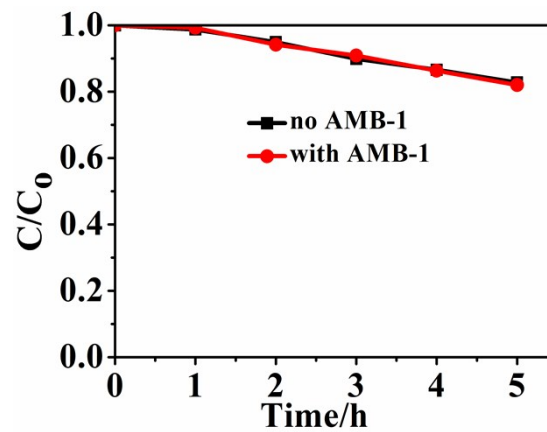


Fig. S3 Variation in concentration versus reaction time curves for H_2O_2 solution with/without AMB-1 nanoscale magnetic stirring bars under 45°C .

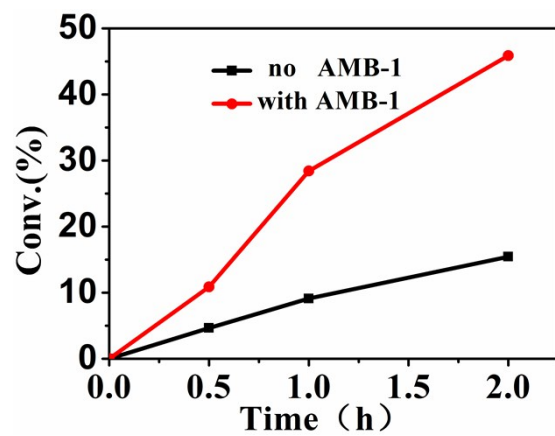


Fig. S4 Conversion versus reaction time curves for cyclooctene epoxidation with/without AMB-1 nanoscale magnetic stirring bars.