

**Quaternary ammonium functionalized Fe₃O₄ & P(GMA-AA-DVB)
magnetic Janus particles as highly efficient catalysts for phase transfer
reactions**

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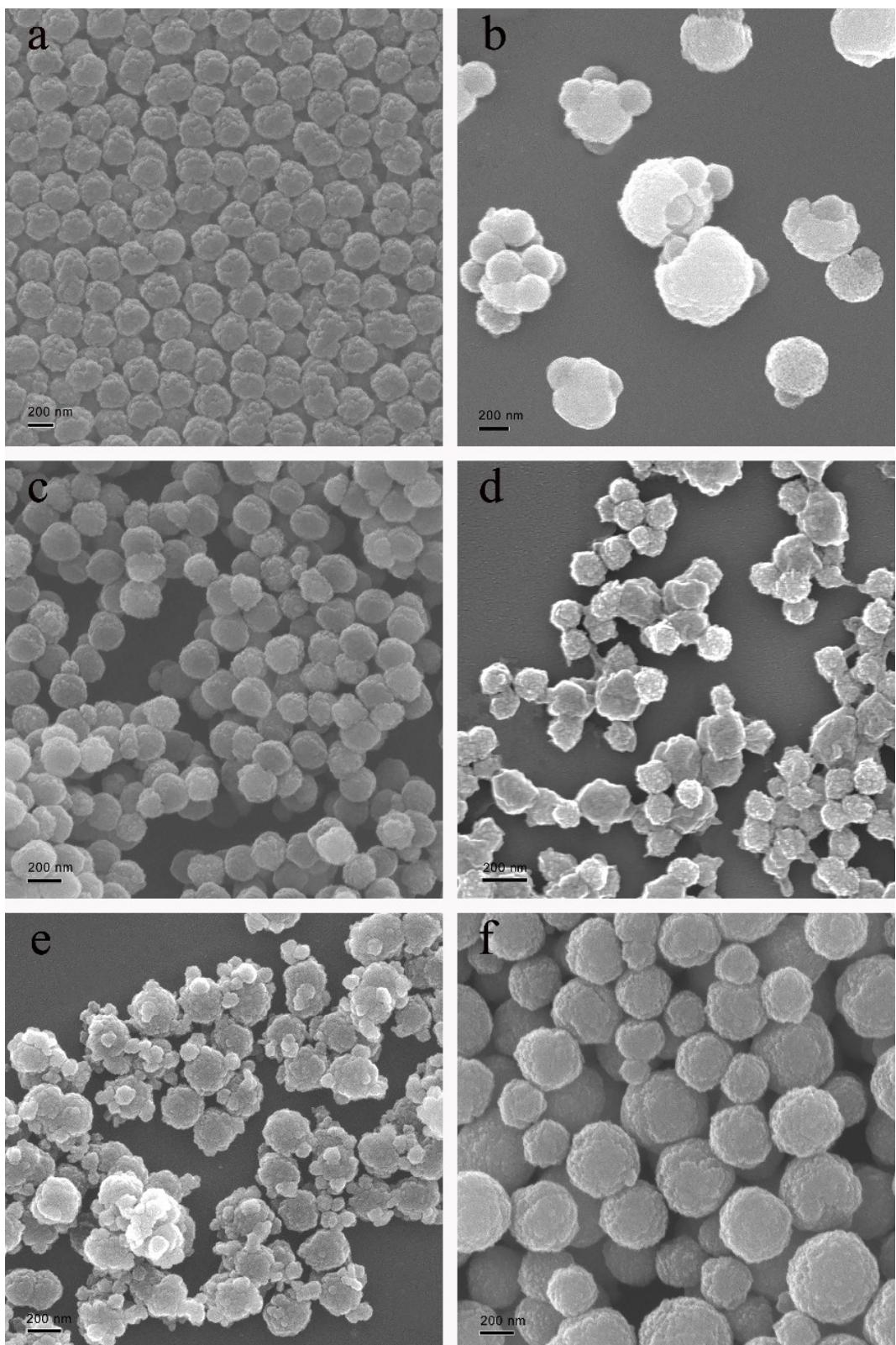


Fig. S1 SEM images of the Fe_3O_4 & P(GMA-AA-DVB) Janus particles prepared with adding different dosages of P(GMA-AA-DVB):100 % (a); 45 % (b); 55 % (c); 65 % (d); 75 % (e) and 0 % (f).

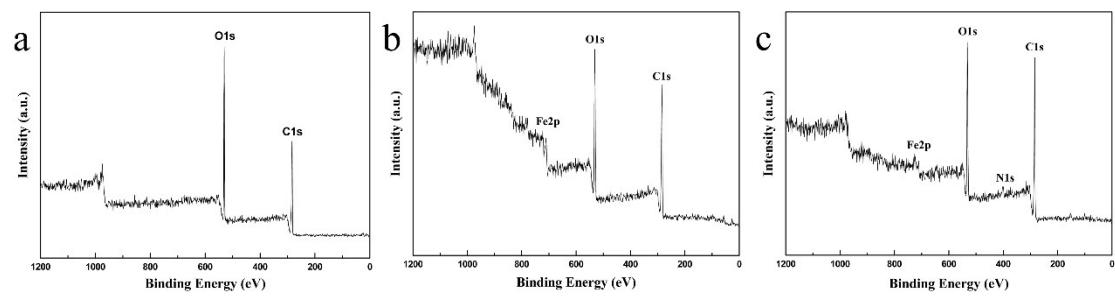


Fig. S2 The XPS spectra of P(GMA-AA-DVB) (a); Fe₃O₄ & P(GMA-AA-DVB) (b) and MJPTCs (c)

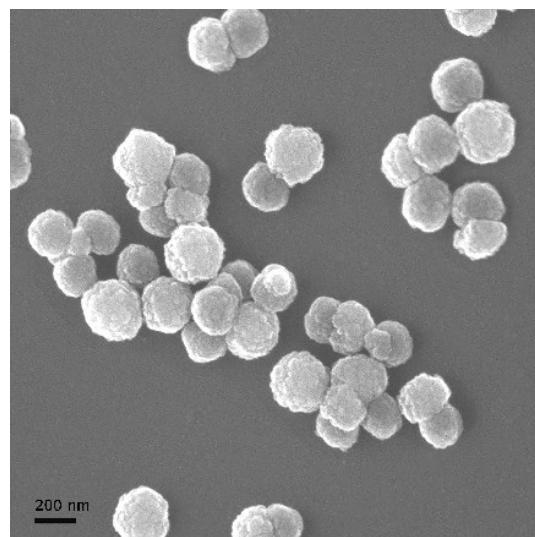


Fig. S3 SEM image of MJPTCs after 8 catalytic cycles.