

Electronic Supplementary Information

Co²⁺-loaded Periodic Mesoporous Aluminum Phosphonates for Efficient Modified Fenton Catalysis

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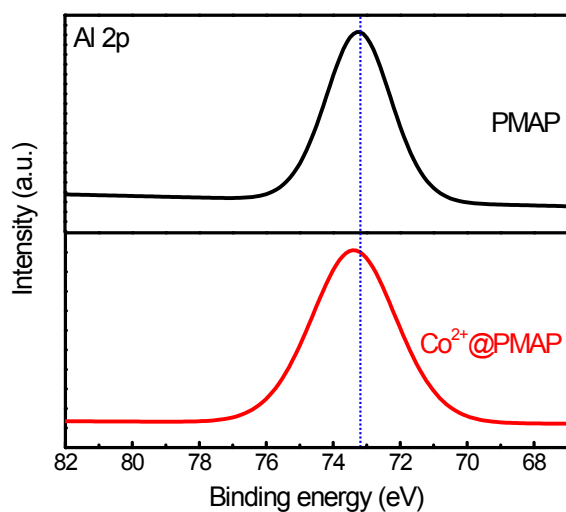


Fig. S1 High resolution Al 2p, O 1s, P2p, and N1s XPS spectrum of the PMAP and Co²⁺@PMAP materials.

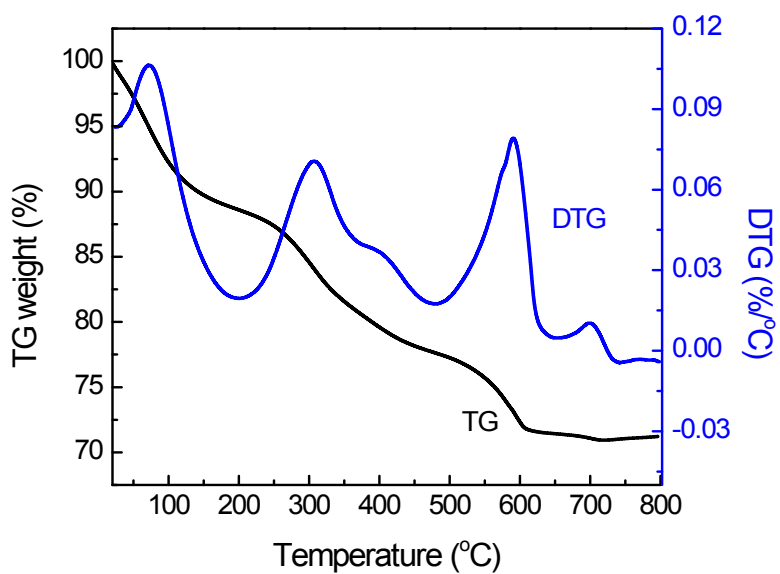


Fig. S2 TG-DAG curves of the as-synthesized PMAP material.

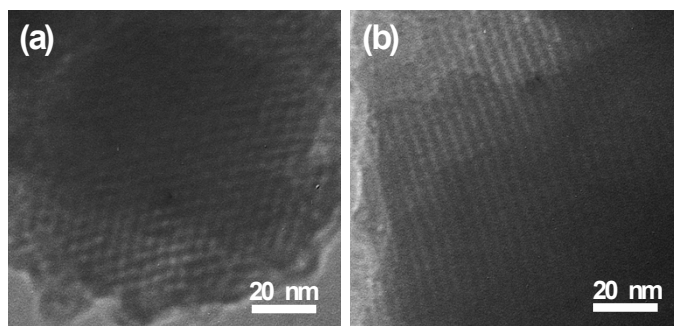


Fig. S3 TEM images of Co²⁺@PMAP.

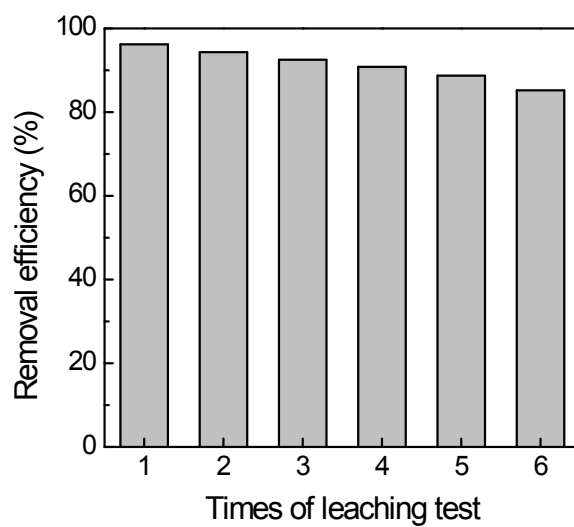


Fig. S4 Reusability of the PMAP adsorbent for Co²⁺ ions (0.2×10^{-4} mol L⁻¹).

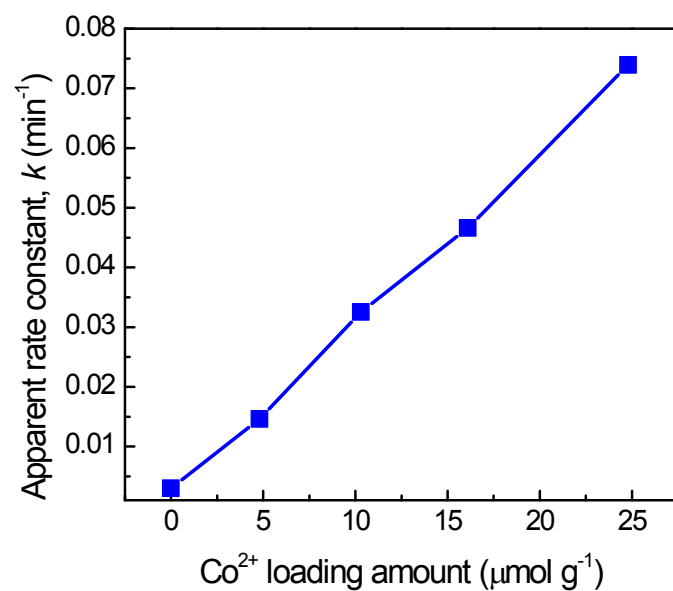


Fig. S5 Apparent rate constant versus the Co²⁺ loading amount on PMAP for phenol degradation after 50 min.

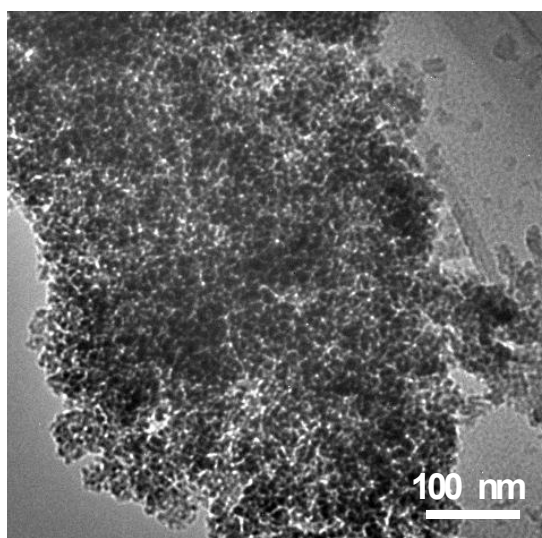


Fig. S6 TEM image of MAP.