

Electronic Supplementary Material

Unveiling the adsorption mechanism of zeolitic imidazolate framework-8 with high removal efficiency on copper ions from aqueous solutions

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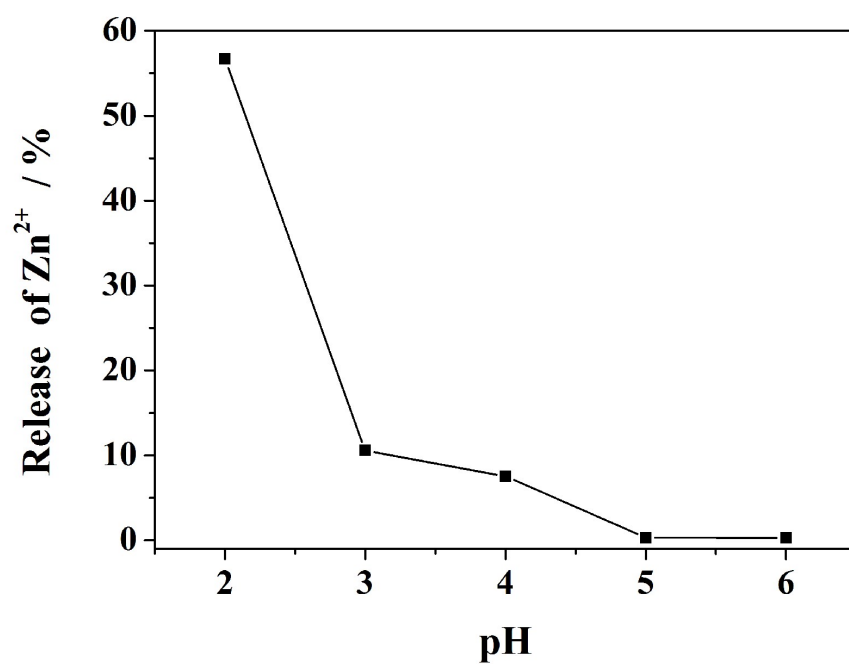


Fig. S1 The stability of ZIF-8 in the aqueous solutions with the pH values ranging from 2 to 6.

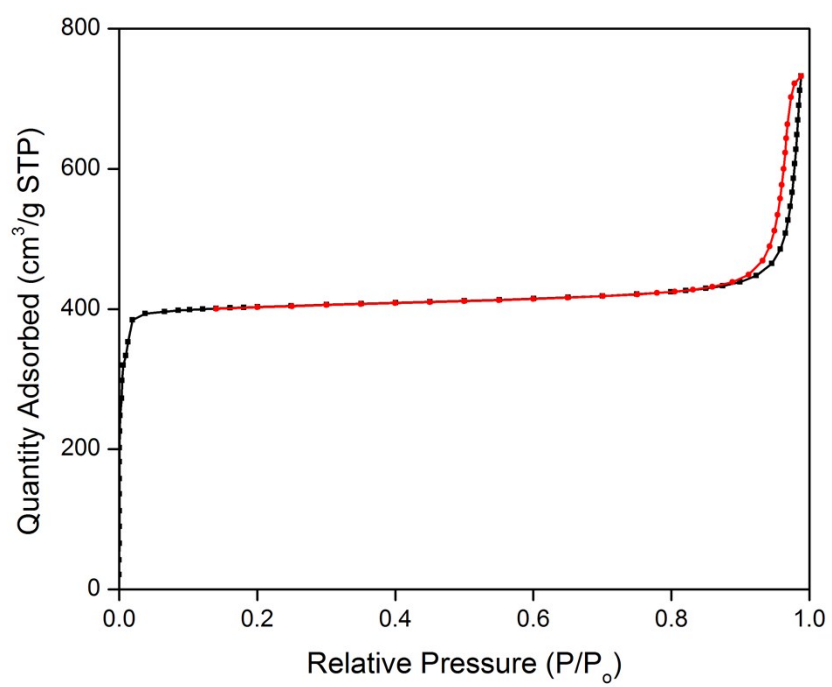


Fig. S2 N₂ adsorption-desorption isotherms of ZIF-8.

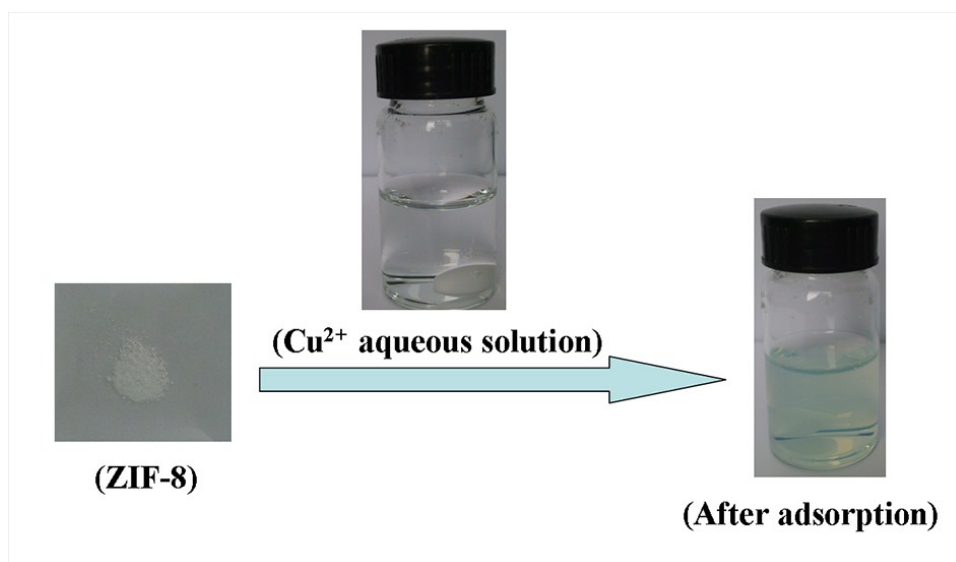


Fig. S3 Color change in the process of Cu^{2+} adsorption.

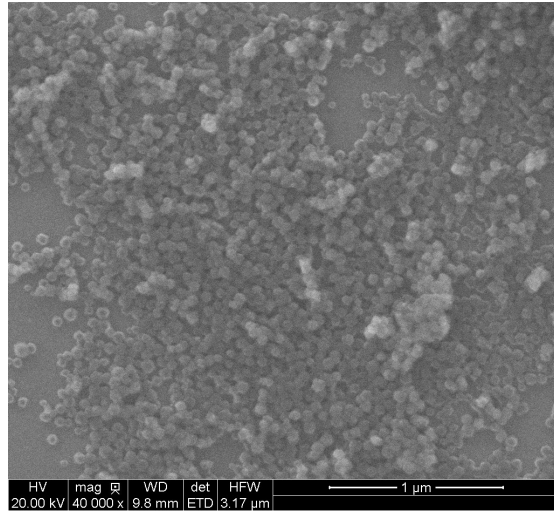


Fig. S4 Typical SEM image of ZIF-8 nanoparticles.