

Supplementary Material

Study of Adsorption and Desorption Performances of Zr-Based Metal–Organic Frameworks Using Paper Spray Mass Spectrometry

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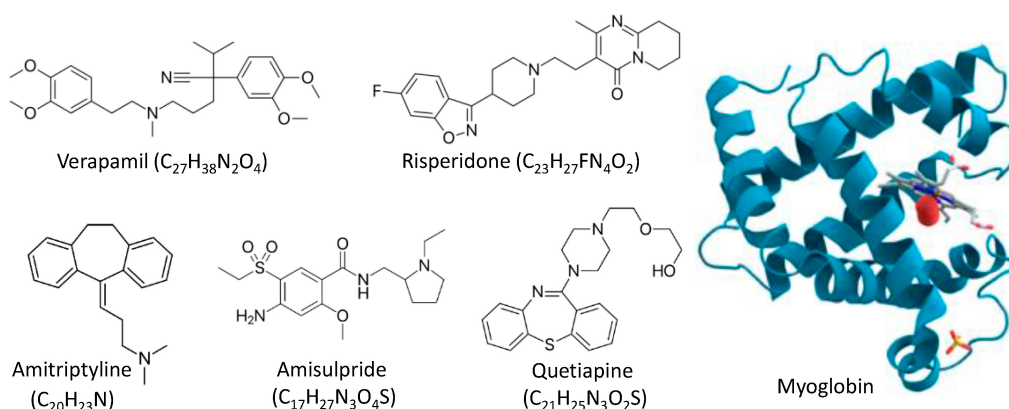


Figure S1. Structures of verapamil, risperidone, amitriptyline, amisulpride, quetiapine and myoglobin.

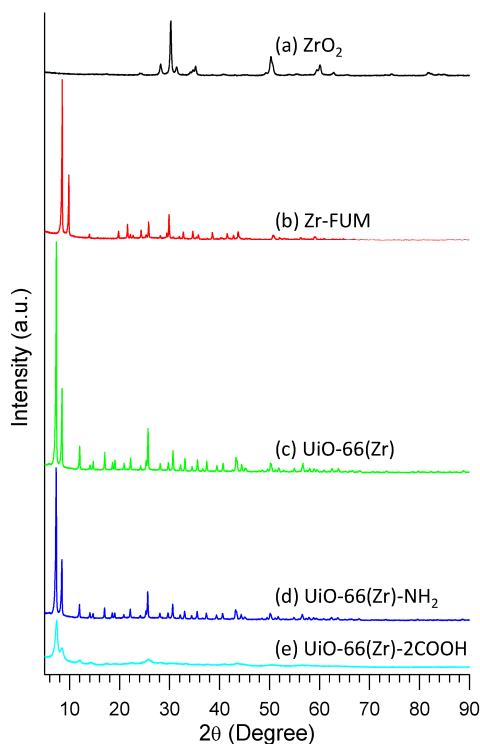


Figure S2. XRD patterns of different Zr-based materials: (a) ZrO_2 , (b) Zr-FUM, (c) UiO-66(Zr), (d) UiO-66(Zr)-NH₂ and (e) UiO-66(Zr)-2COOH.

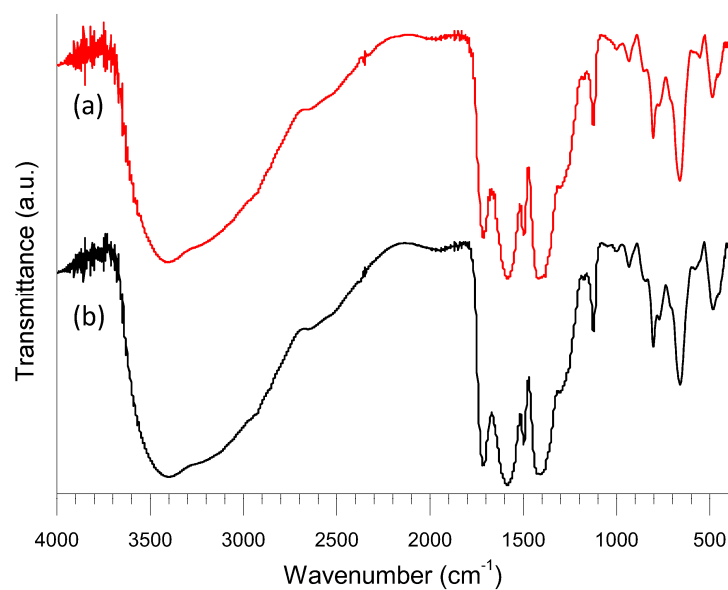


Figure S3. FT-IR spectra of (a) the collected product after sonicating UiO-66(Zr)-2COOH in aqueous solution for 20 min and (b) intact UiO-66(Zr)-2COOH.



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