

A facile Sonochemical synthesis of Zn-based metal-organic framework for electrochemical sensing of paracetamol

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i) NMR spectra study

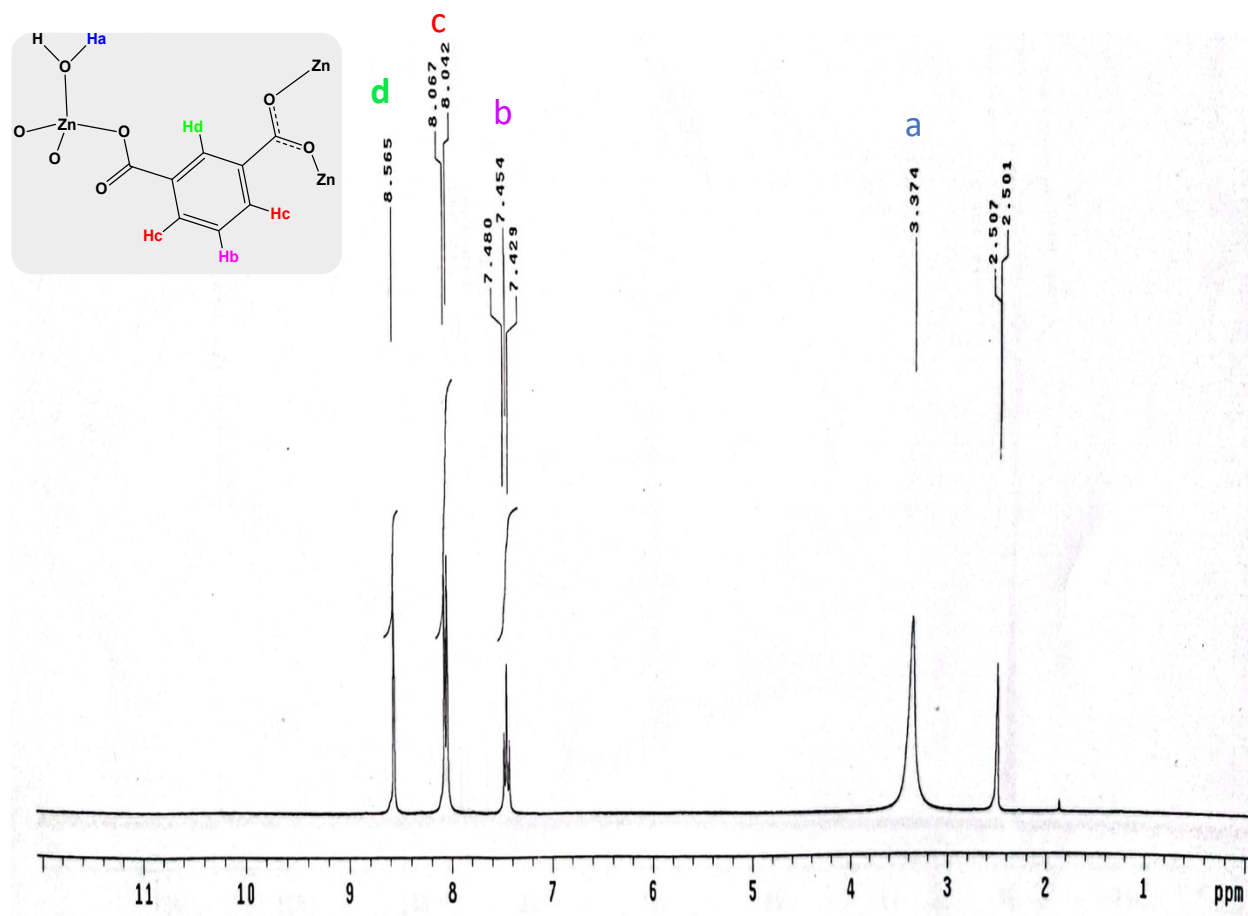


Figure S1. ¹H NMR spectra of [Zn(BDC)(H₂O)]

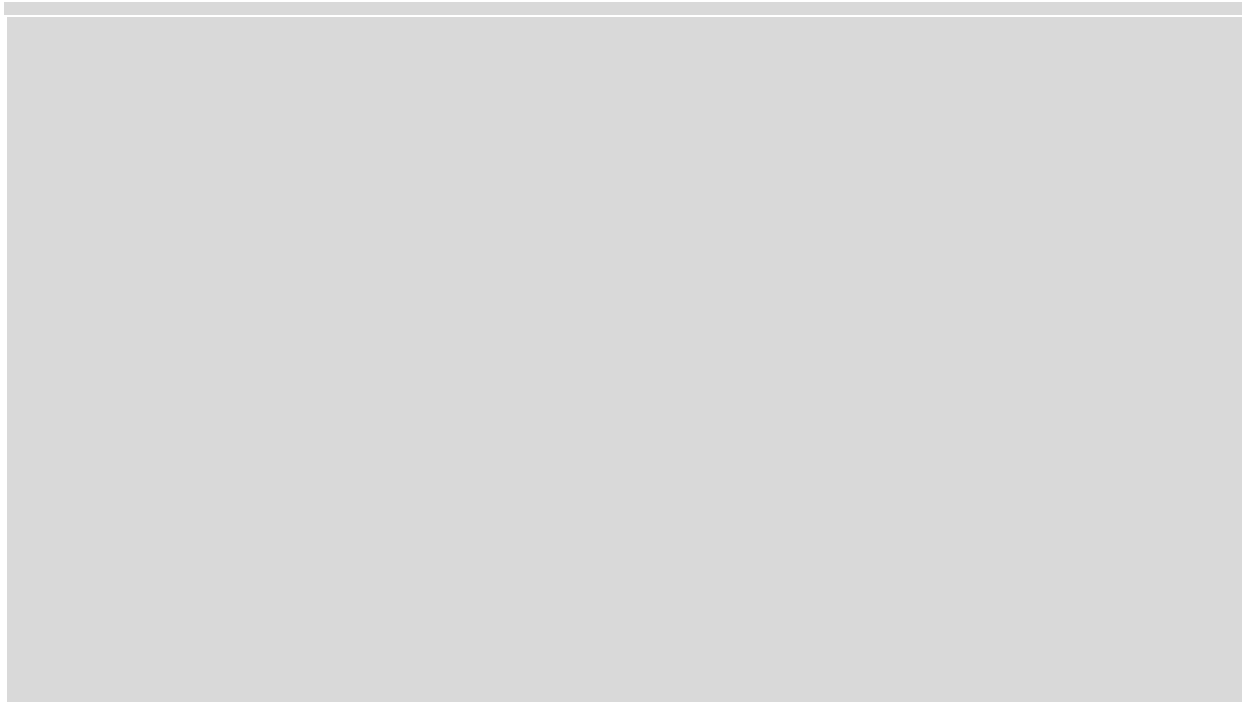


Figure S2. ^{13}C NMR spectra of $[\text{Zn}(\text{BDC})(\text{H}_2\text{O})]$

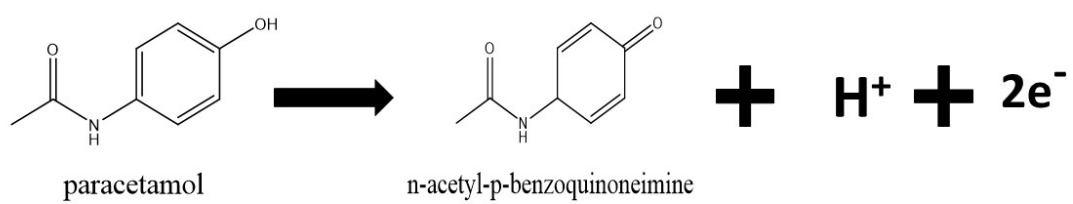


Figure S3. Representation of conversion of paracetamol to n-acetyl-p-benzoquinoneimine.

ii) Theoretical study of paracetamol adsorption.

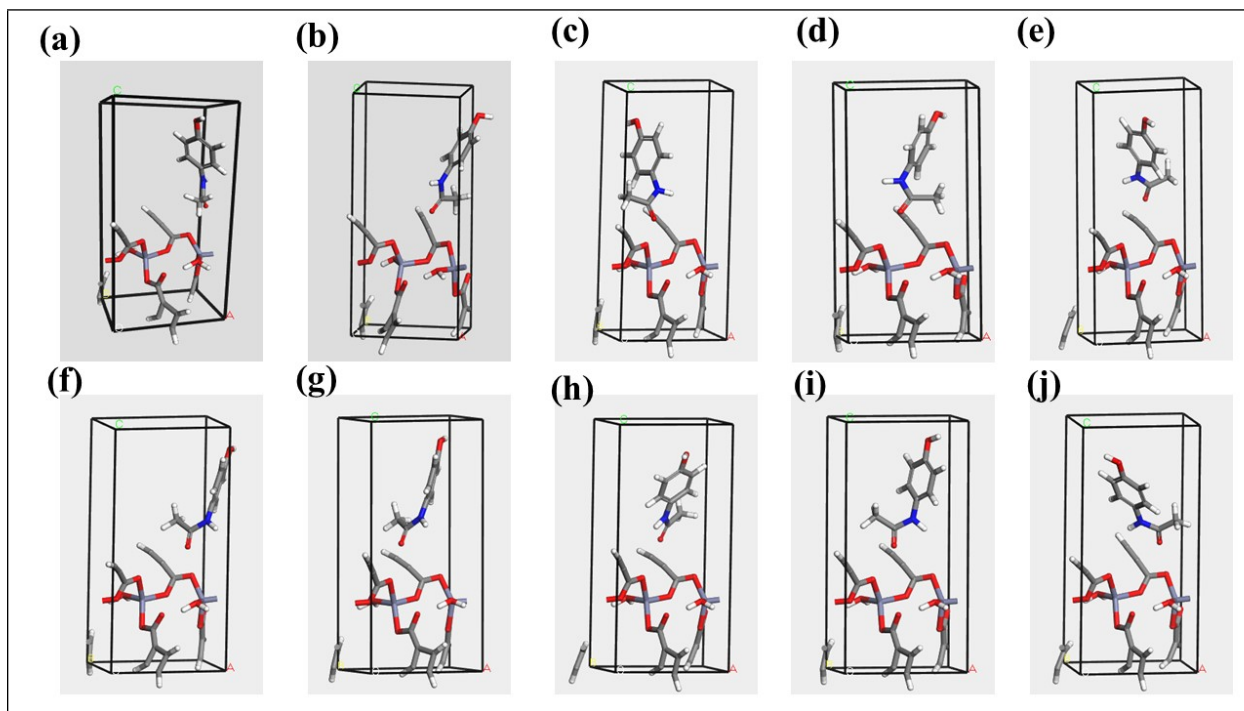


Figure S4: different adsorption possibilities for Zn-MOF {002} surface.

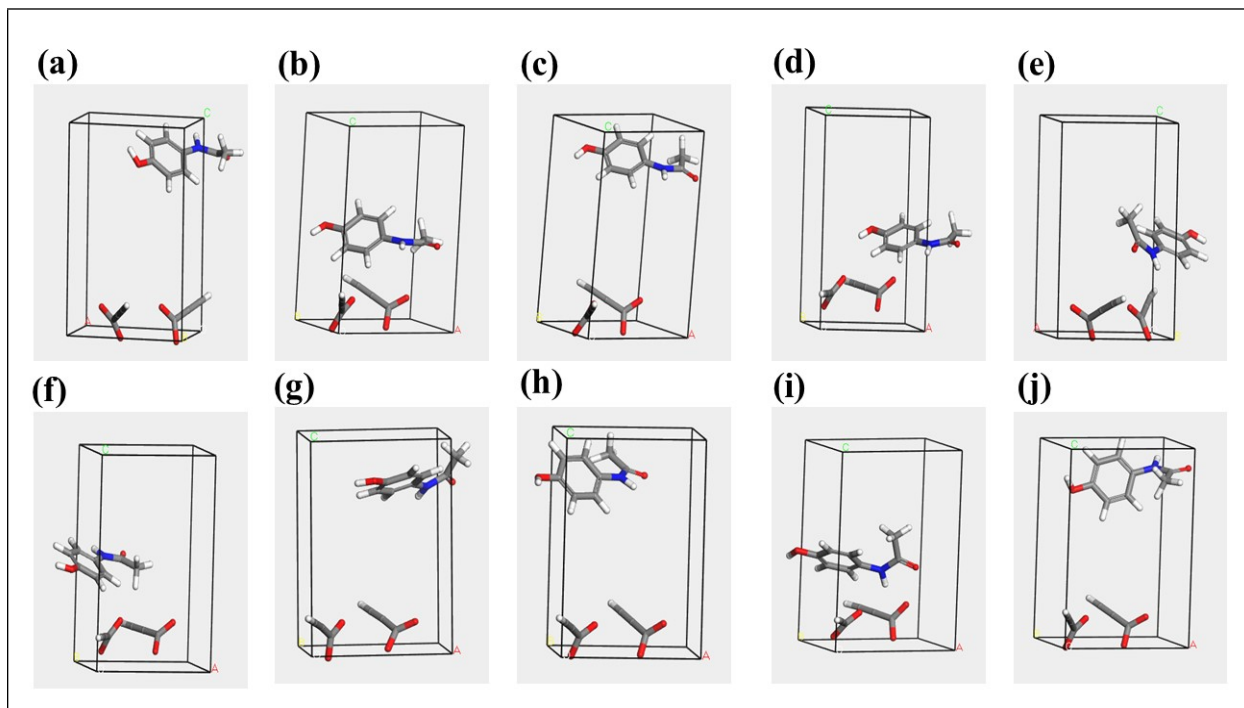


Figure S5: different adsorption possibilities for Zn-MOF {006} surface.

