

Bimetallic metal organic framework/Ni doped ZnO nanomaterials modified carbon paste electrode for selective electrochemical determination of ciprofloxacin

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Fig. S1 Cyclic voltammograms of 5.0 mmol L⁻¹ [Fe(CN)₆]^{3-/4-} solution containing 0.10 mol L⁻¹ KCl at the (a) bare CPE, (b) NZP/CPE, (c) Cu/Ce-MOF/CPE, and (d) Cu/Ce-MOF/NZP/CPE

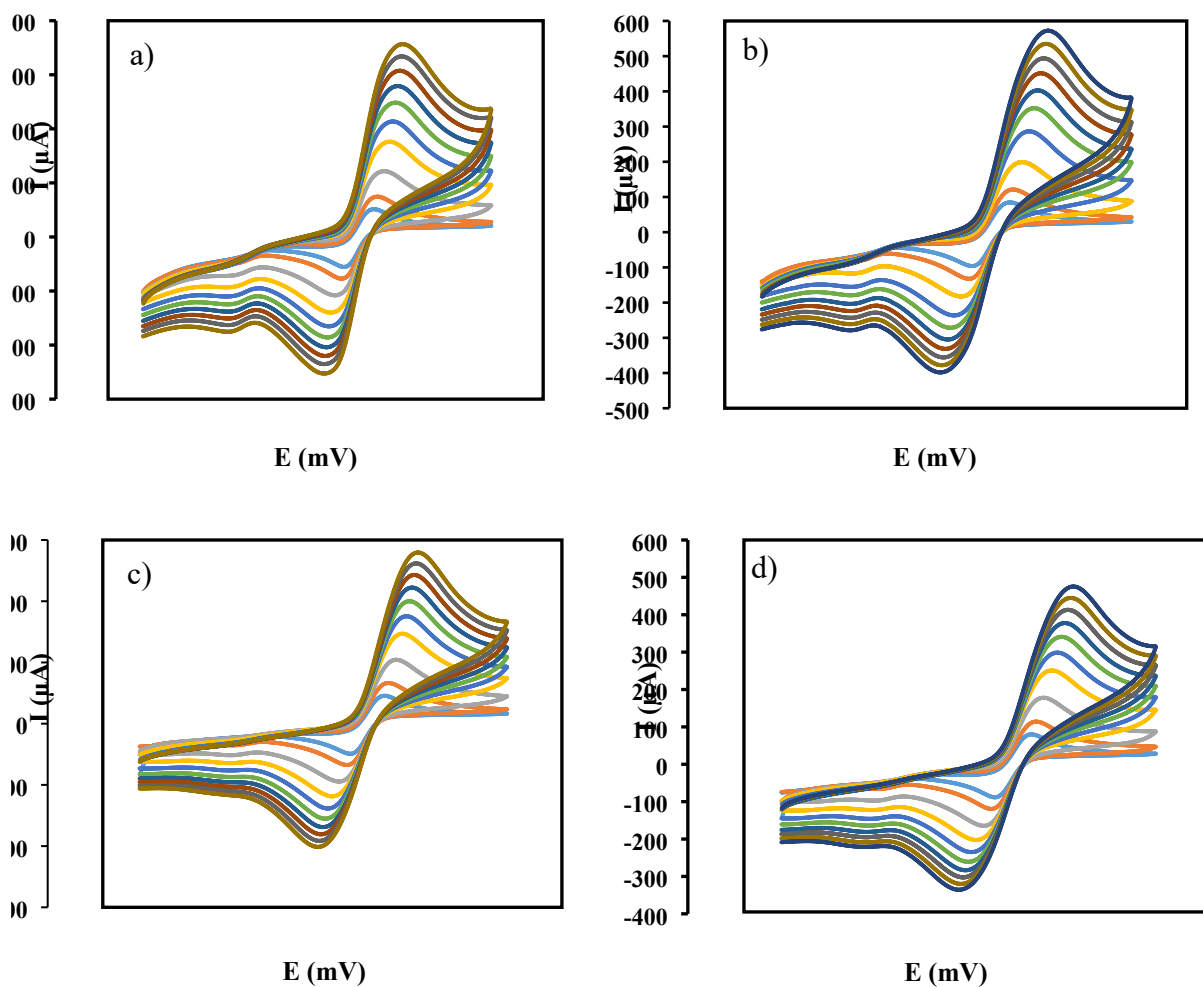


Fig. S2. (A) LSV of CIP in 0.1 mol L⁻¹ phosphate buffer (pH=3) at a scan rate 20 mV s⁻¹ . Inset shows Tafel plot as potential (mV) vs logarithm of current (μA) for the rising part of LSV peak current.

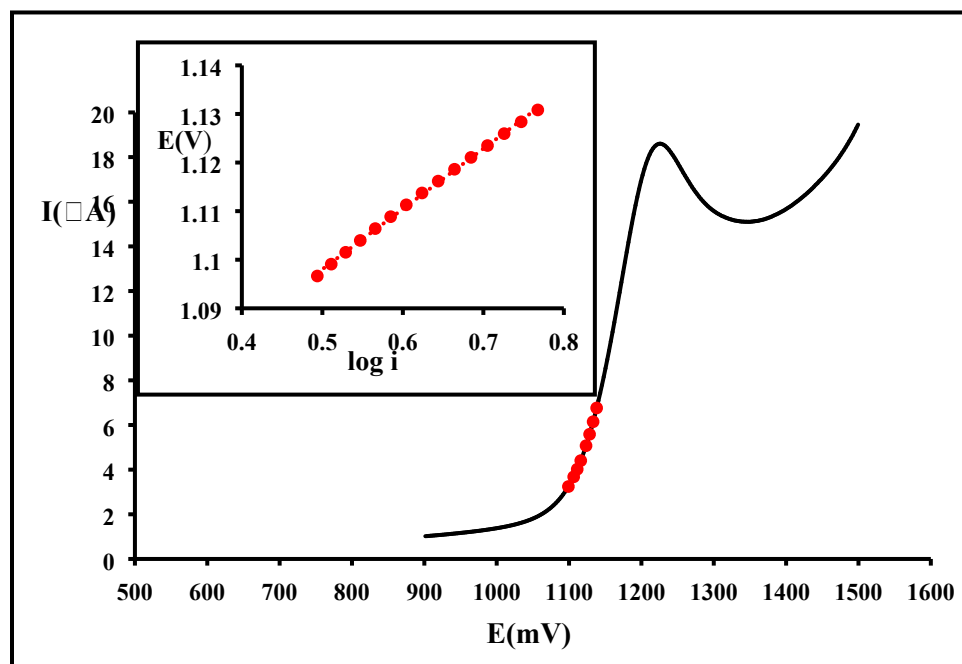


Fig. S3 Schematic of probable mechanism of electrooxidation of CIP on Cu/Ce-MOF/NZP/CPE

